



OUR PROJECT:

**ARTECH
SYSTEMS**



GALLERY ADMINISTRATION AND BOOKING SYSTEM



MEET OUR TEAM



TEAM MEMBER (L TO R)	STUDENT NUMBER	EMAIL	CONTACT NUMBER
Dean Botha	u18002197	u18002197@tuks.co.za	082 381 7663
Trishla Pathak	u18198644	u18198644@tuks.co.za	074 613 2732
Reagile Matloga	u18201696	u18201696@tuks.co.za	066 153 9415
Gamuchirai Dambanjera	u17272522	u17272522@tuks.co.za	082 071 7209
Reinhardt Smit	u18131451	u18131451@tuks.co.za	061 498 8472



**SYSTEM
PROTOTYPE**



This Document is our System Prototype document (Deliverable 03) where we set out and show static versions of each screen to show our design process and the natural flow of our screens.

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1. Document Introduction

This document serves as the set of Screen Prototypes of every proposed function in the system. The screens are divided by Subsystem and keeps to the flow which a user would experience per Subsystem. These screens were designed with user-experience, consistency, and logical flow in mind by the Binary Brains team. The screens included here are the Web application screens as a Mobile app will not be created for this application.

2. Complete set of prototype Screen Designs

Introduction

This section of the deliverable contains the prototype screens of our web-based application. The screens are arranged per subsystem and are also divided between Administration side screens as well as normal User screens

2.1 Admin Subsystem

2.1.1 Admin Navbar screen

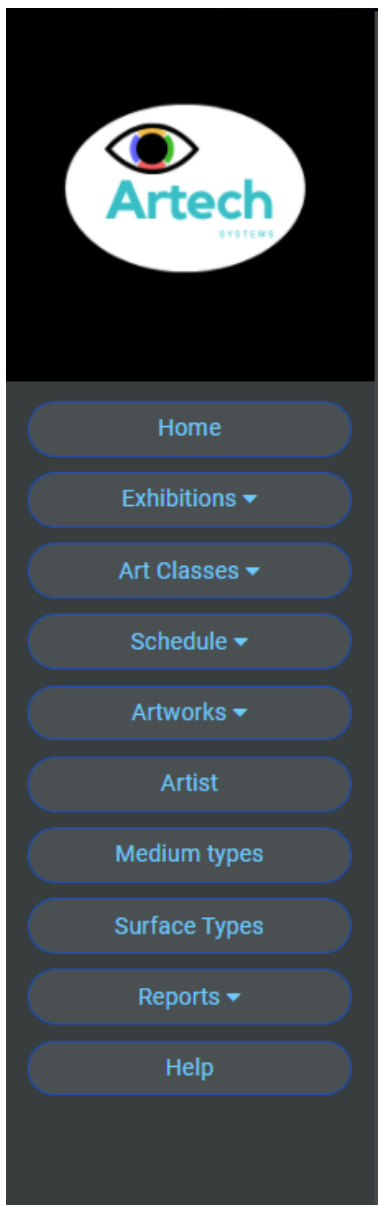


Figure 1: Admin Navbar screen

2.1.2 View Exhibitions with Dropdown screen

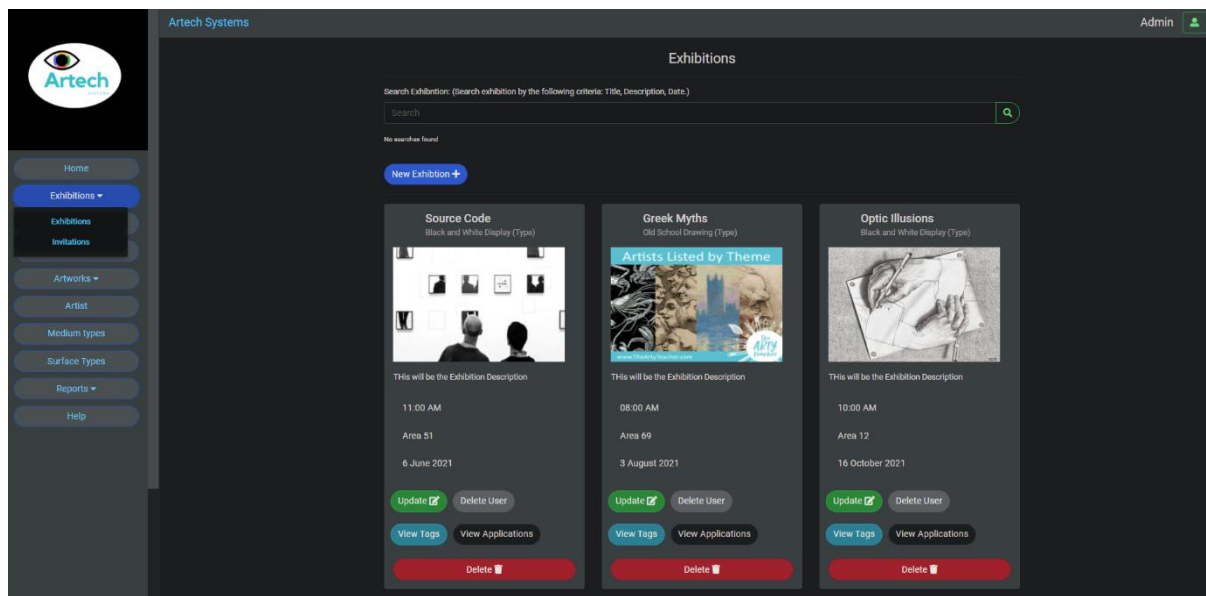


Figure2: View Exhibition with Dropdown Screen

2.1.3 View Application page screen

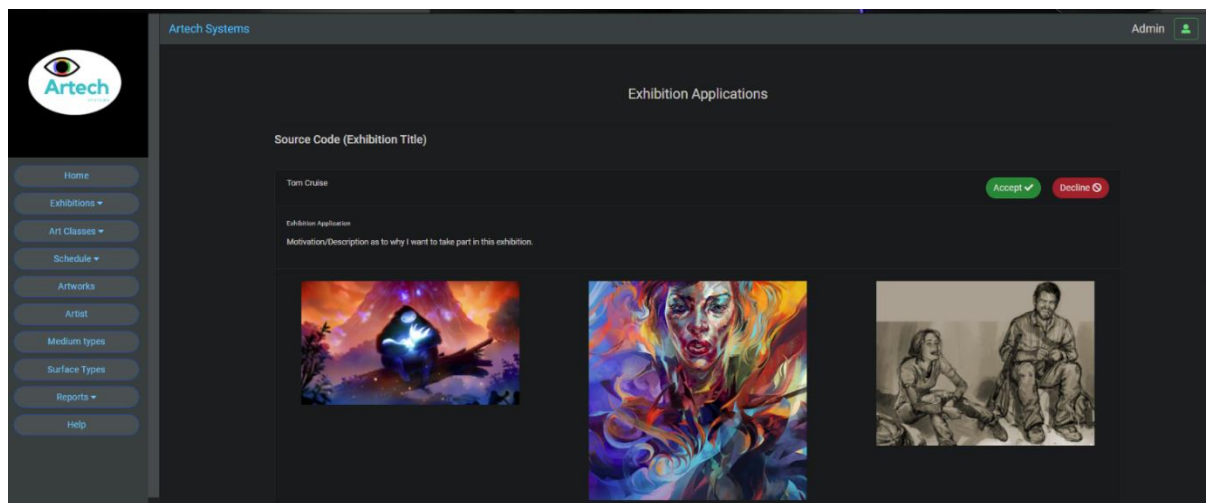


Figure3: View Application page screen

2.1.4 Accept Application Modal

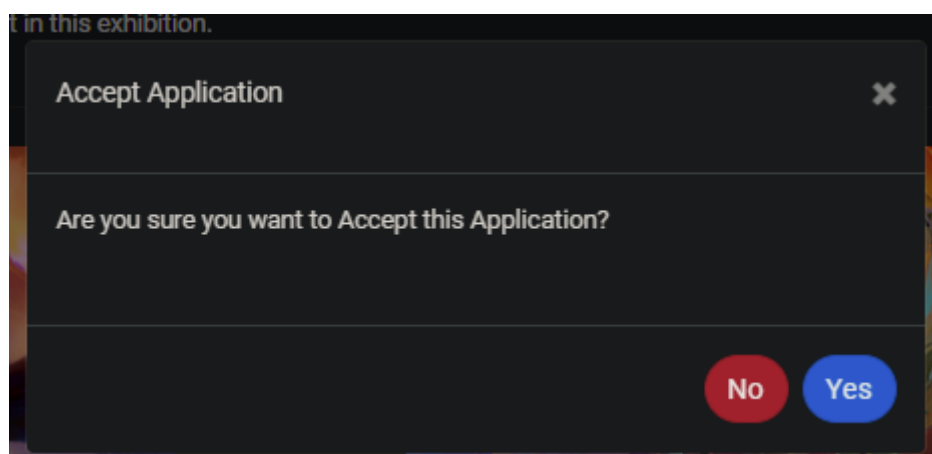


Figure 4: Accept Application Modal

2.1.5 Accepted Application alert

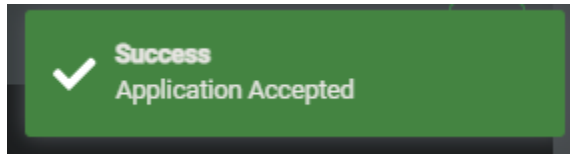


Figure 5: Accepted Application alert

2.1.6 Decline Application Modal

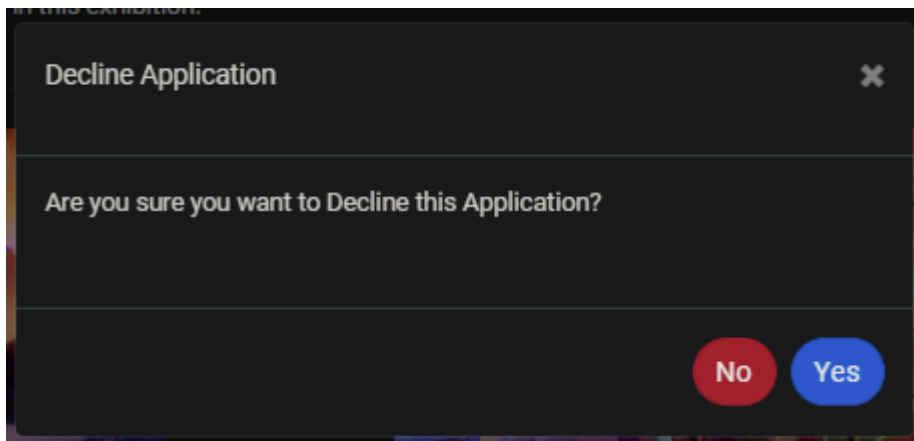


Figure 6: Decline Application Modal

2.1.7 Declined Application alert

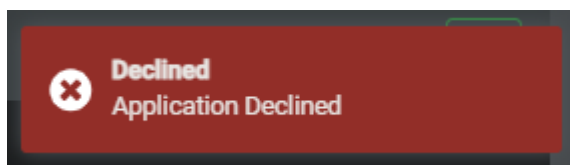


Figure 7: Declined Application alert

2.1.8 View Participants screen

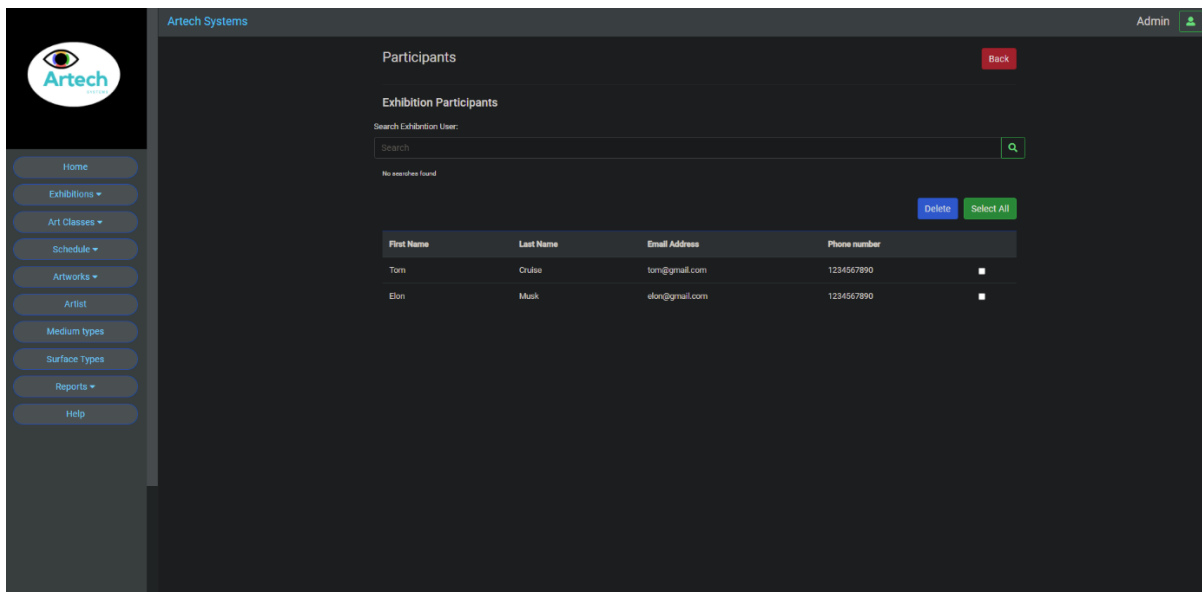


Figure 8: View Participants screen

2.1.9 Remove All Selected Artists modal

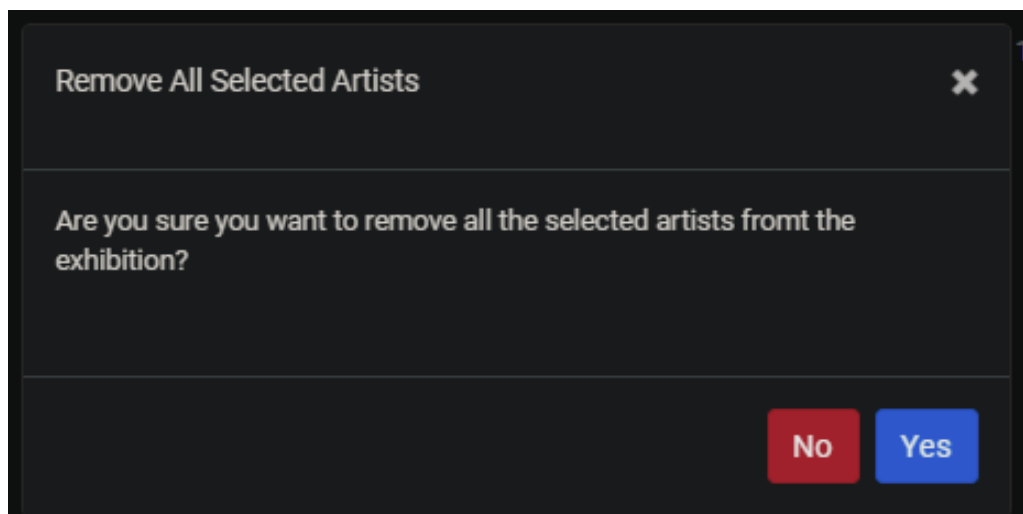


Figure 9: Remove All Selected Artists modal

2.1.10 Remove All selected Artists success alert

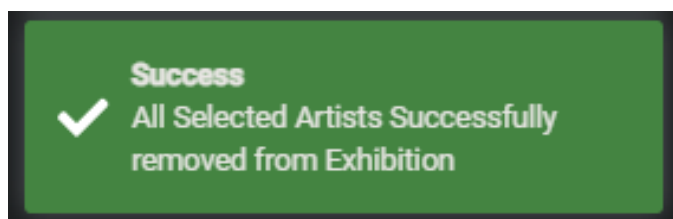


Figure 10: Remove All selected Artists success alert

2.1.11 Remove Artist from Exhibition modal

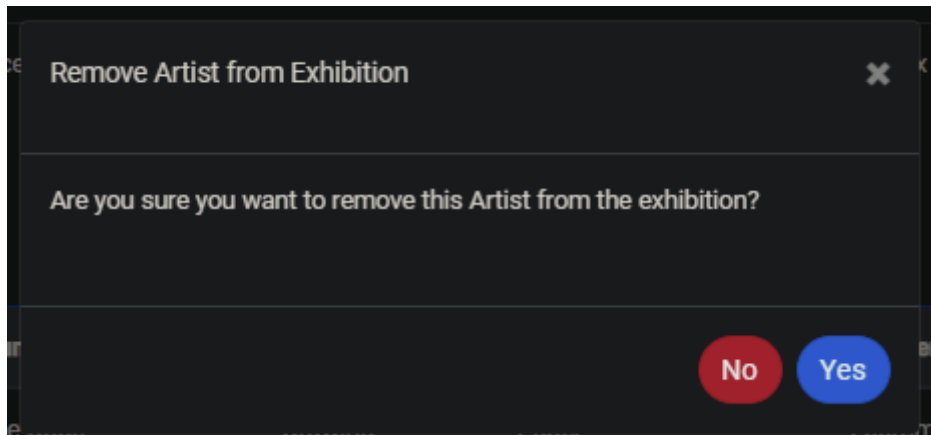


Figure 11: Remove Artist from Exhibition modal

2.1.12 Could Not Remove Artist from Exhibition alert

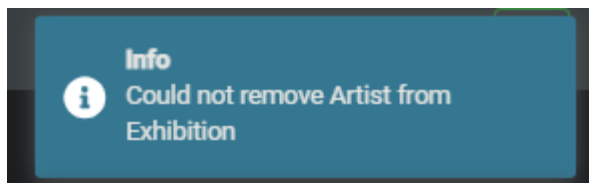


Figure 12: Could Not Remove Artist from Exhibition alert

2.1.13 Create new Exhibition screen

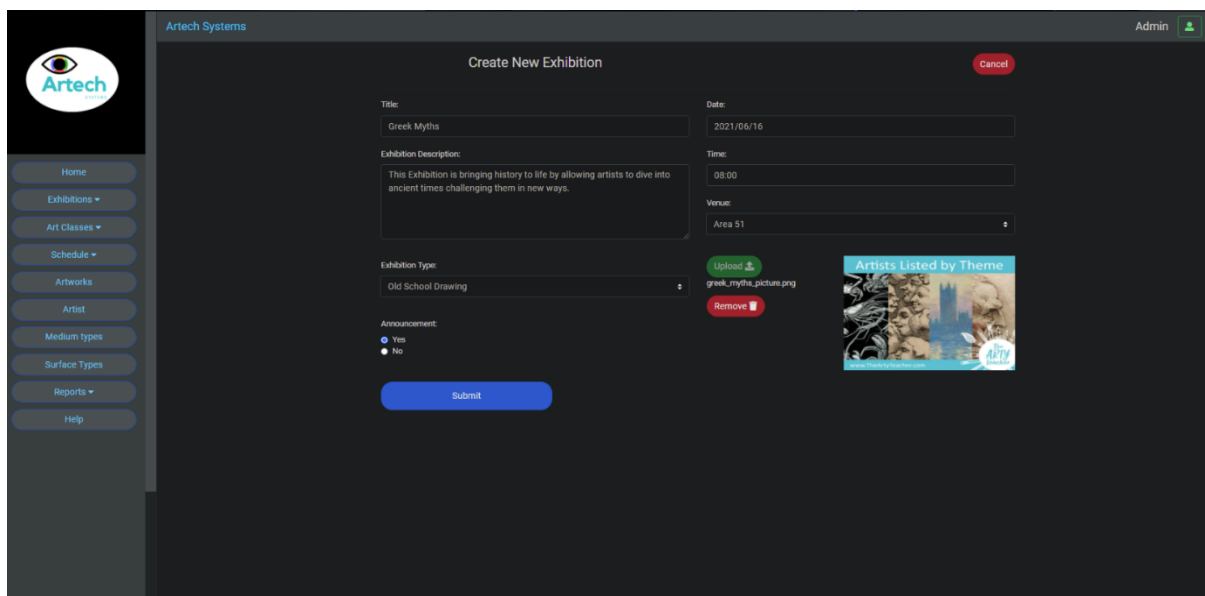


Figure 13: Create new Exhibition screen

2.1.14 Exhibition creation Announcement Modal

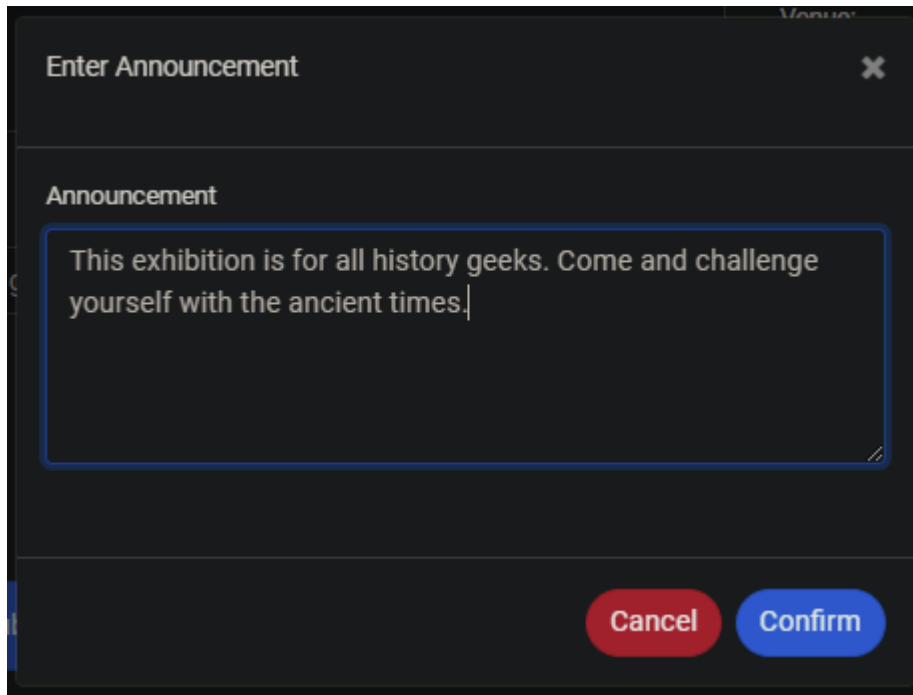


Figure 14: Exhibition creation Announcement Modal

2.1.15 Exhibition creation successful alert

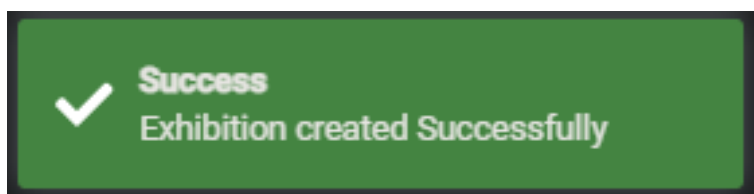


Figure 15: Exhibition creation successful alert

2.1.16 Could not create exhibition alert

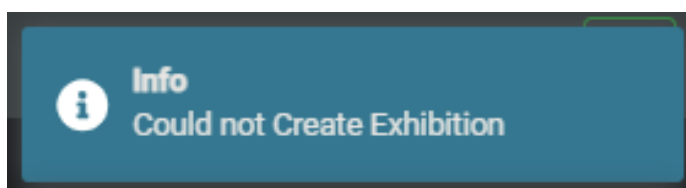


Figure 16: Could not create exhibition alert

2.1.17 Cancel Create Modal

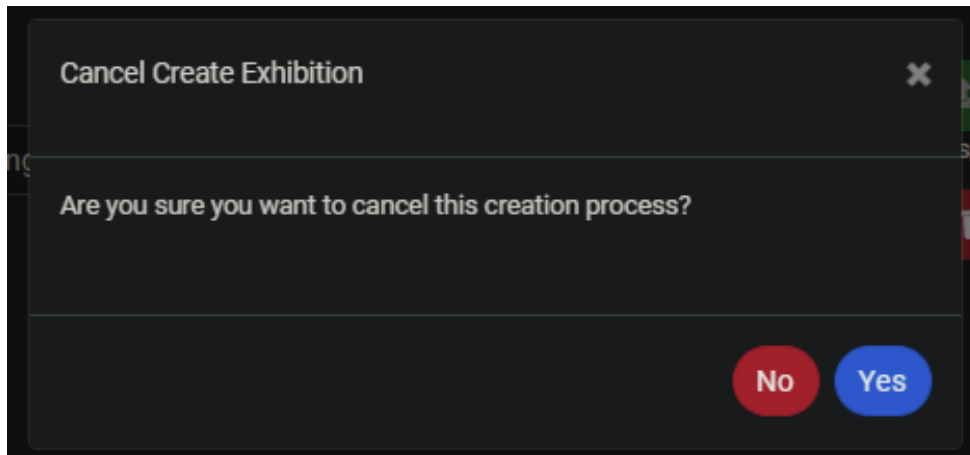


Figure 17: Cancel Create Modal

2.1.18 Update Exhibitions screen

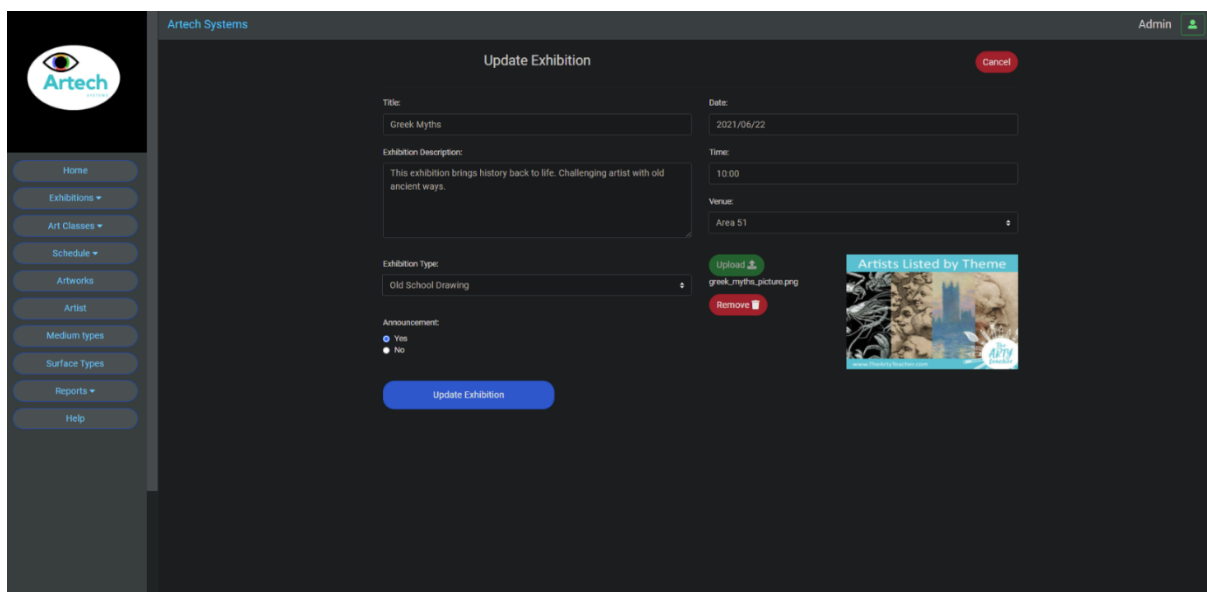


Figure 18: Update Exhibitions screen

2.1.19 Cancel Update Exhibition Modal

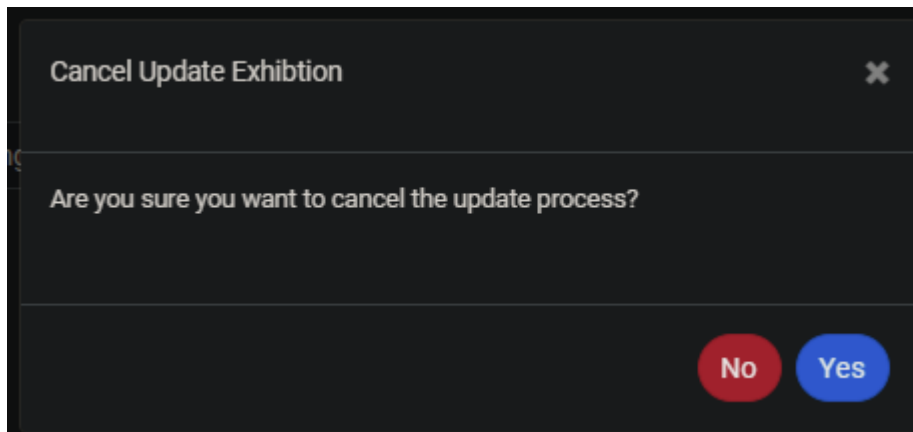


Figure 19: Cancel Update Exhibition Modal

2.1.20 Update Exhibition Announcement Modal

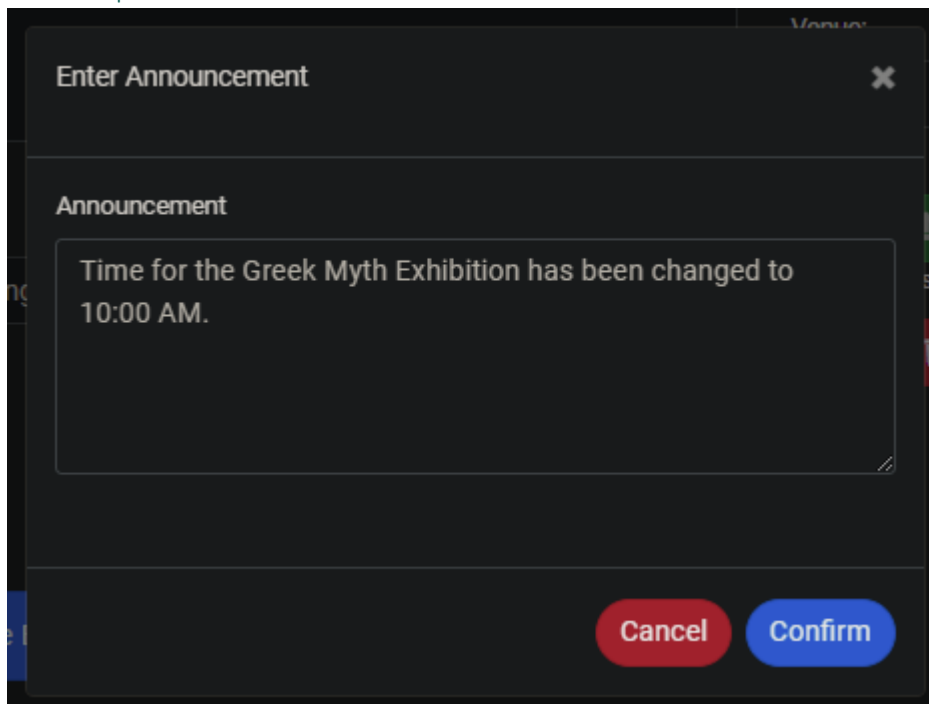


Figure 20: Update Exhibition Announcement Modal

2.1.21 Exhibition Update Successful Modal

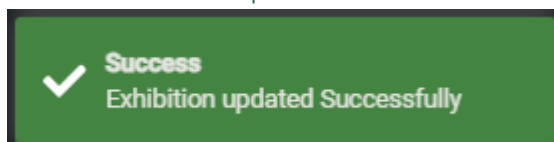


Figure 21: Exhibition Update Successful Alert

2.1.22 Could Not Update Exhibition alert

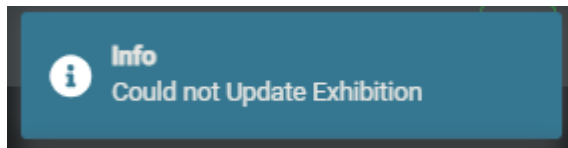


Figure 22: Could Not Update Exhibition alert

2.1.23 Delete Exhibitions modal

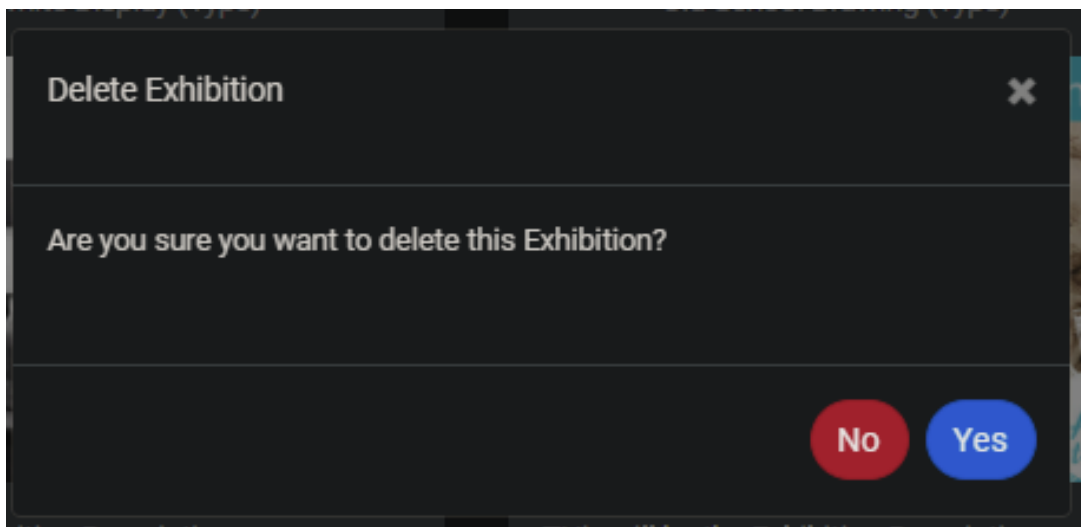


Figure 23: Delete Exhibitions modal

2.1.24 Exhibition deletion successful alert

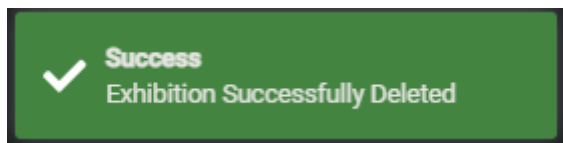


Figure 24: Exhibition deletion successful alert

2.1.25 Exhibition deletion unsuccessful alert

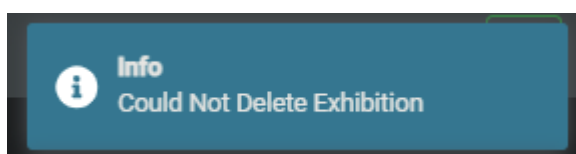


Figure 25: Exhibition deletion unsuccessful alert

2.1.26 View Send Invitation screen

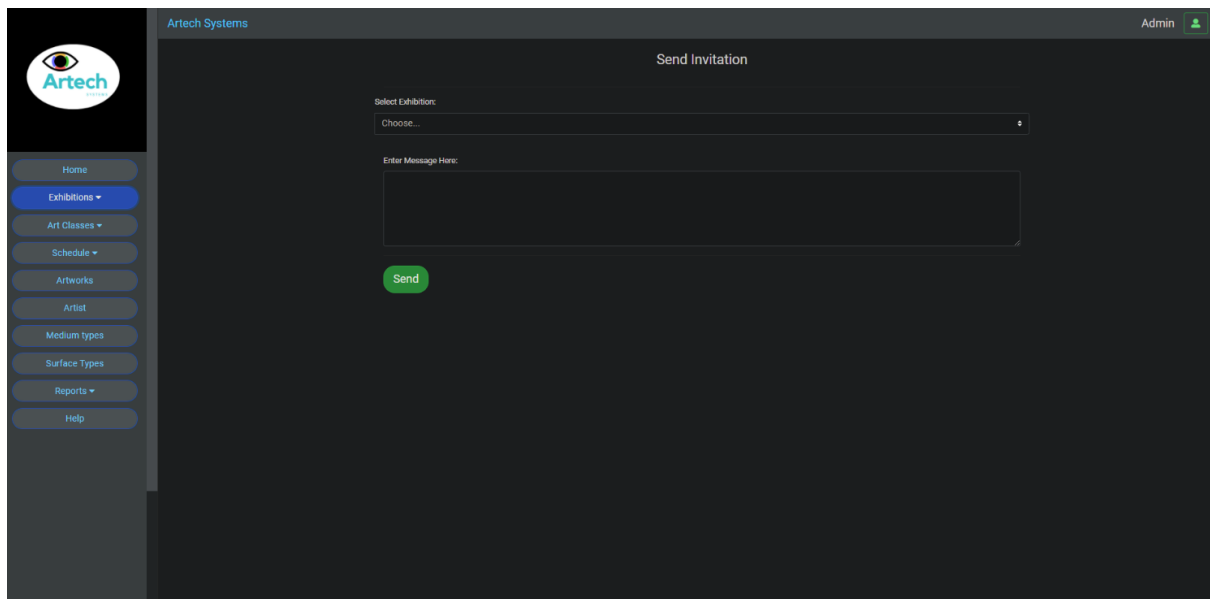


Figure 26: View Send Invitation screen

2.1.27 Select Artist for Invitation screen

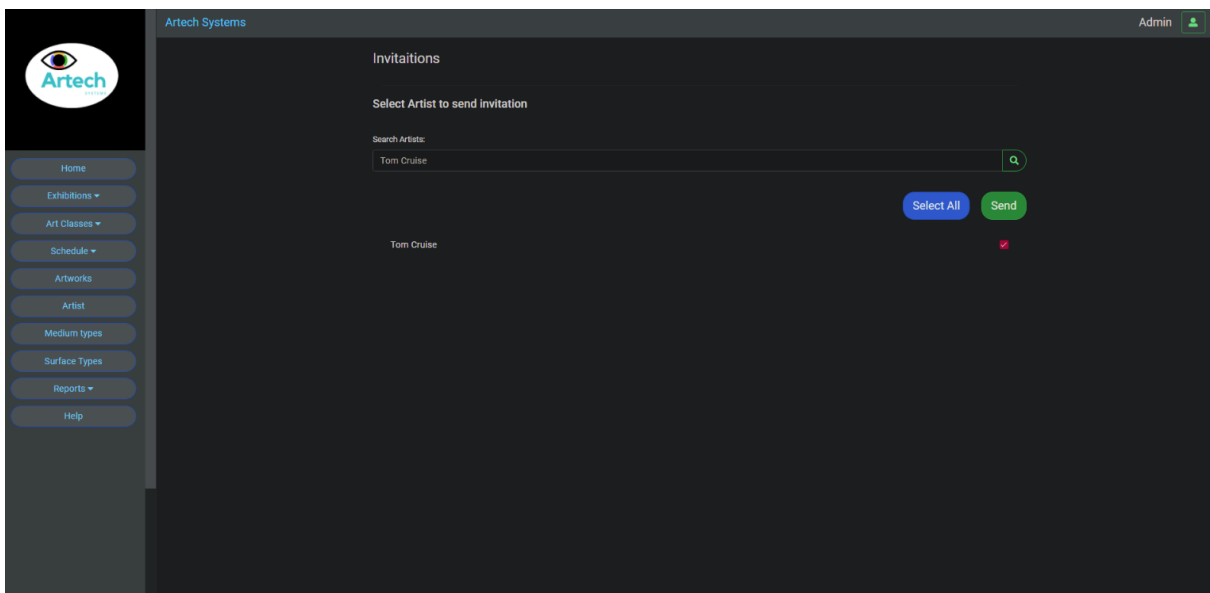


Figure 27: Select Artist for Invitation screen

2.1.28 Send Invitation Modal (After Selecting Artist)

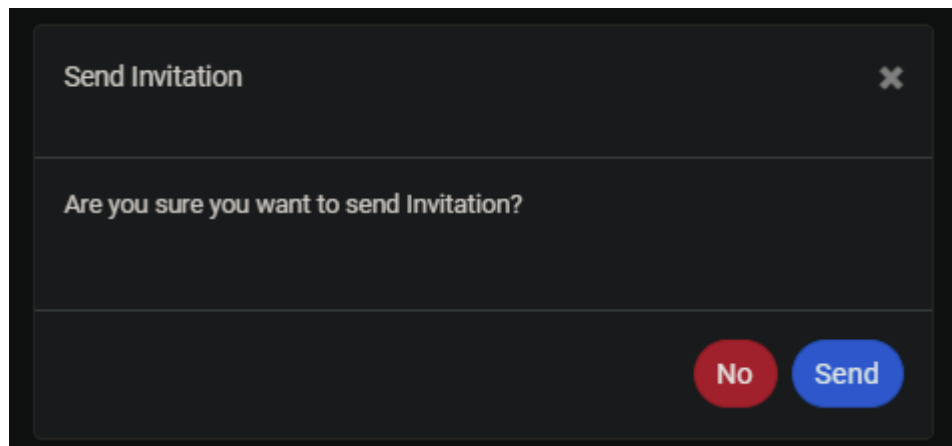


Figure 28: Send Invitation Modal (After Selecting Artist)

2.1.29 Invitation sent success alert

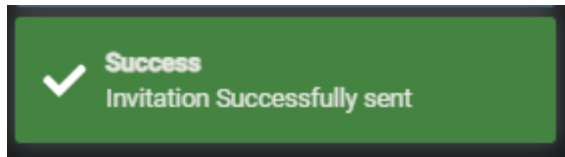


Figure 29: Invitation sent success alert

2.1.30 Invitation could not be sent alert

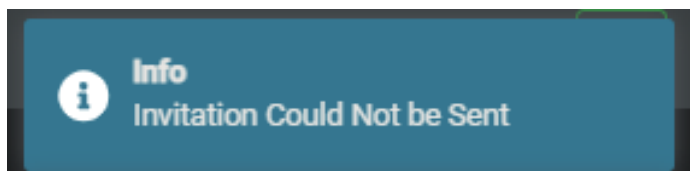


Figure 30: Invitation could not be sent alert

2.1.31 View Artist screen

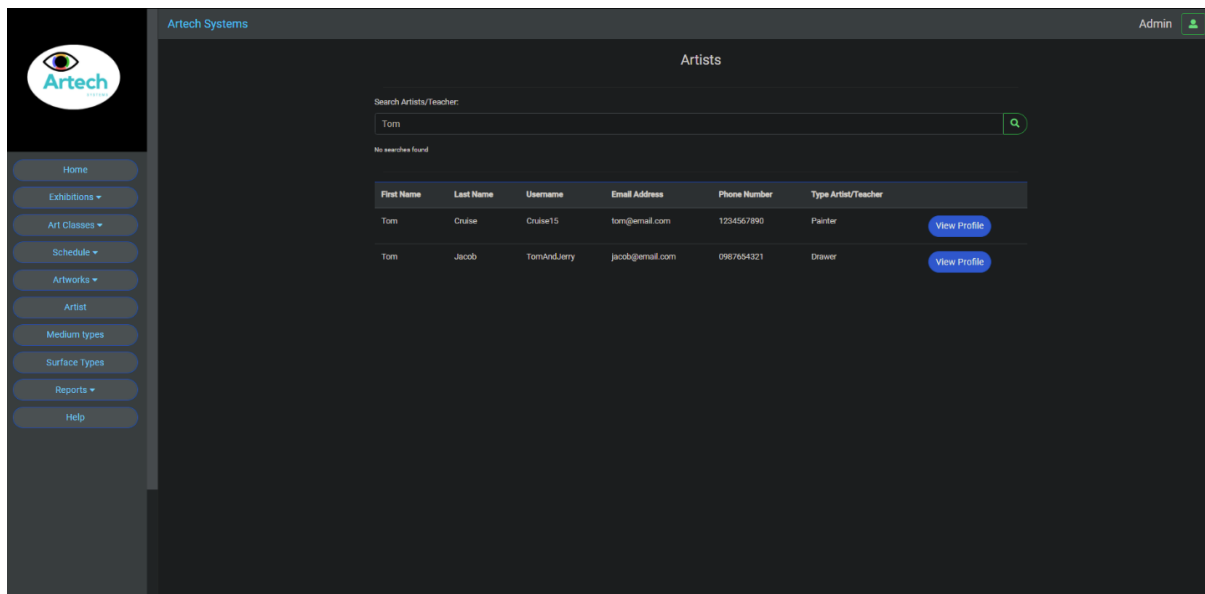


Figure 21: View Artist screen

2.1.32 View Artist Profile screen

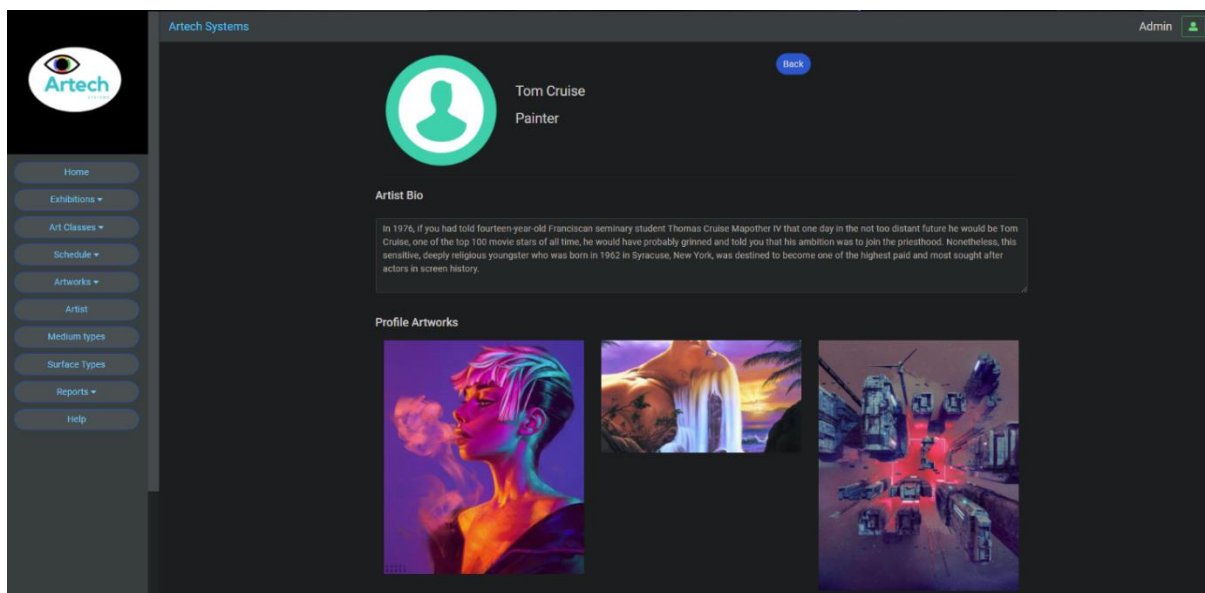


Figure 32: View Artist Profile screen

2.1.33 View Artwork with Dropdown screen

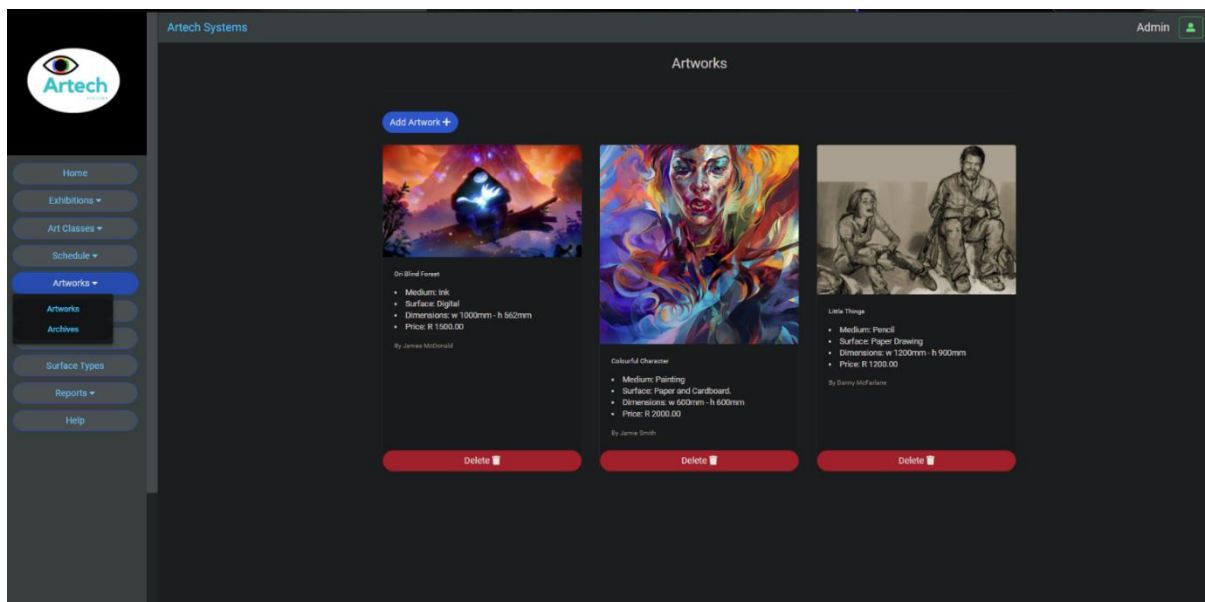
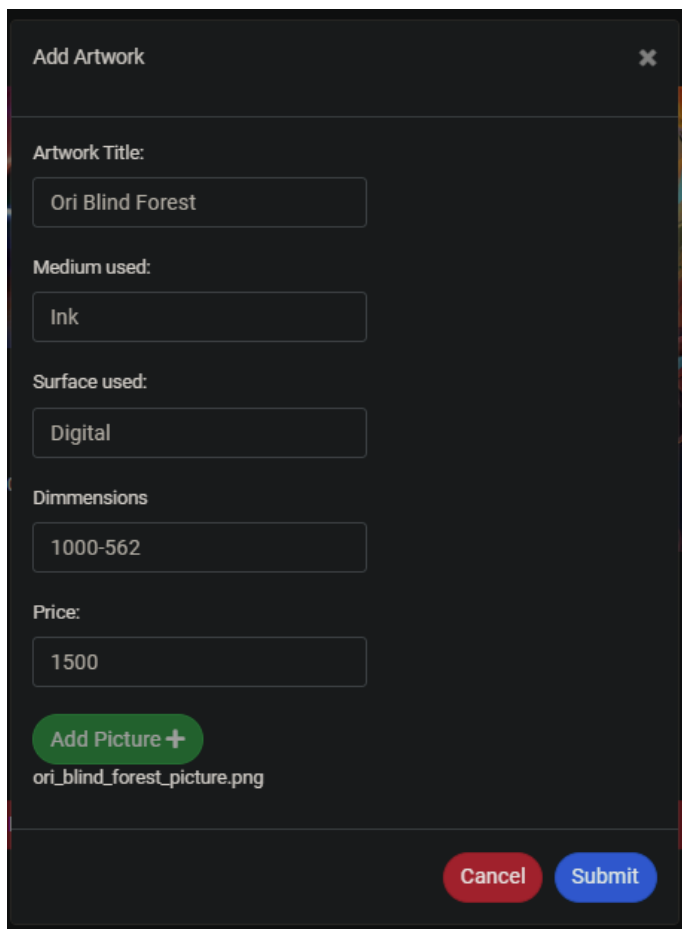


Figure 33: View Artwork with Dropdown screen

2.1.34 Add Artwork Modal



The 'Add Artwork' modal form is displayed with the following fields and values:

- Artwork Title:** Ori Blind Forest
- Medium used:** Ink
- Surface used:** Digital
- Dimensions:** 1000-562
- Price:** 1500
- Add Picture +** button
- File input:** ori_blind_forest_picture.png
- Buttons:** Cancel, Submit

Figure 34: Add Artwork Modal

2.1.35 Confirm Add Artwork modal

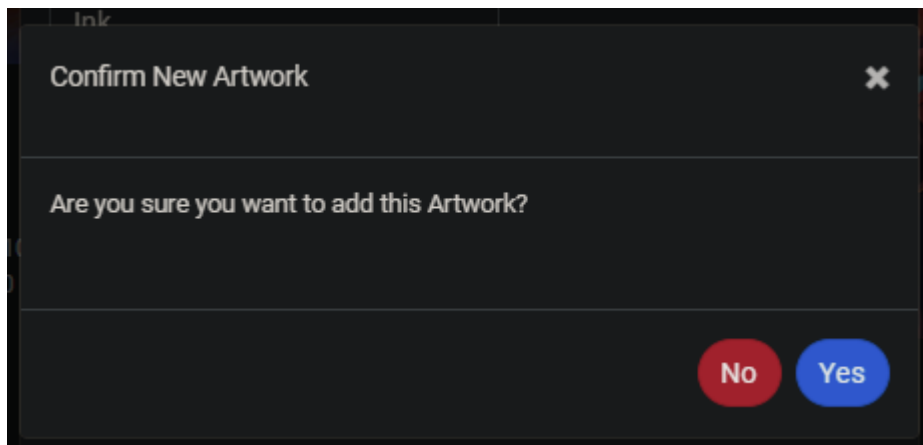


Figure 35: Confirm Add Artwork modal

2.1.36 Artwork successfully added alert

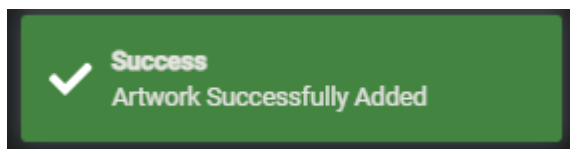


Figure 36: Artwork successfully added alert

2.1.37 Could not add artwork Alert

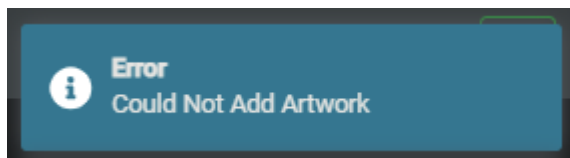
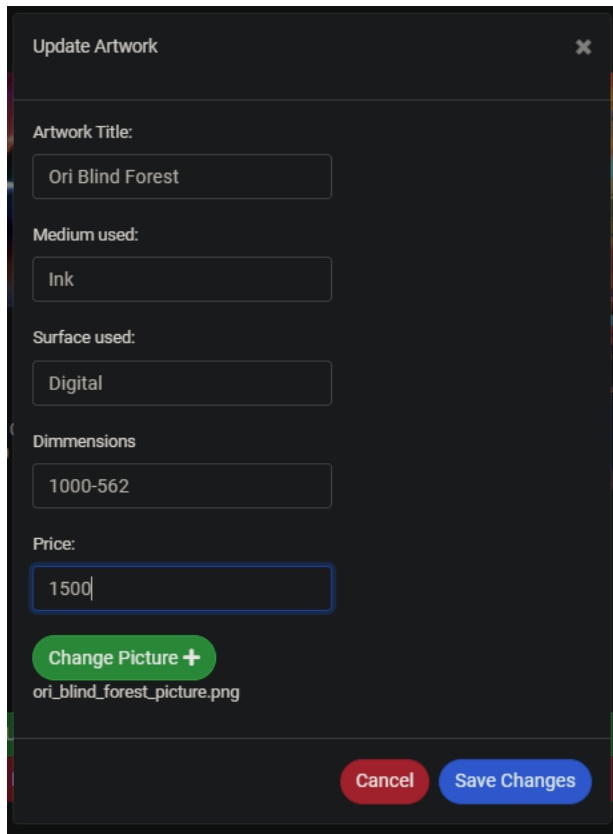


Figure 37: Could not add artwork Alert

2.1.38 Update Artwork Modal



The 'Update Artwork' modal is a dark-themed window with a close button (X) in the top right corner. It contains several input fields for updating artwork details:

- Artwork Title:** A text input field containing 'Ori Blind Forest'.
- Medium used:** A text input field containing 'Ink'.
- Surface used:** A text input field containing 'Digital'.
- Dimensions:** A text input field containing '1000-562'.
- Price:** A text input field containing '1500'.

Below the input fields, there is a green button labeled 'Change Picture +' and a small text label 'ori_blind_forest_picture.png'. At the bottom right, there are two buttons: a red 'Cancel' button and a blue 'Save Changes' button.

Figure 38: Update Artwork Modal

2.1.39 Update Artworks success alert

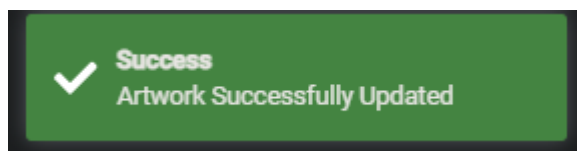


Figure 39: Update Artworks success alert

2.1.40 Could Not Update Artwork Alert

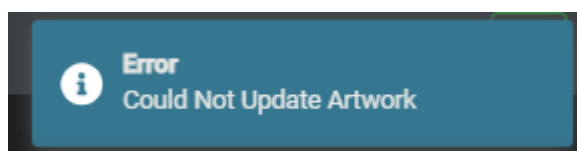


Figure 40: Could Not Update Artwork Alert

2.1.41 Confirm Delete Artwork Modal

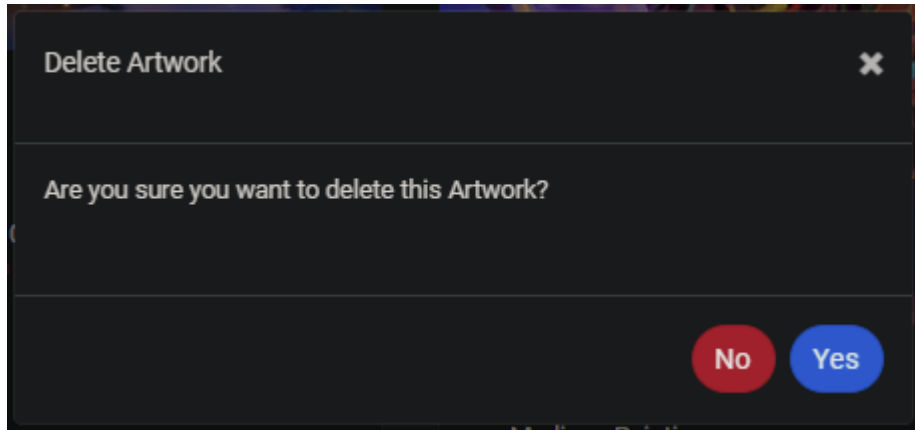


Figure 41: Confirm Delete Artwork Modal

2.1.42 Artwork Deleted Success alert

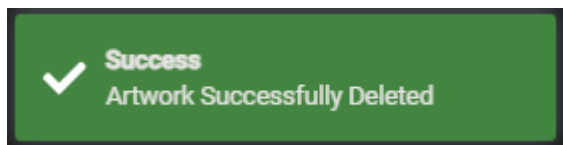


Figure 42: Artwork Deleted Success alert

2.1.43 Artwork Deleted Unsuccessful alert

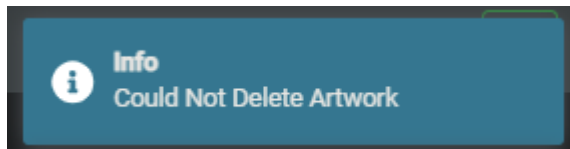


Figure 43: Artwork Deleted Unsuccessful alert

2.1.44 Exhibitions Tags screen

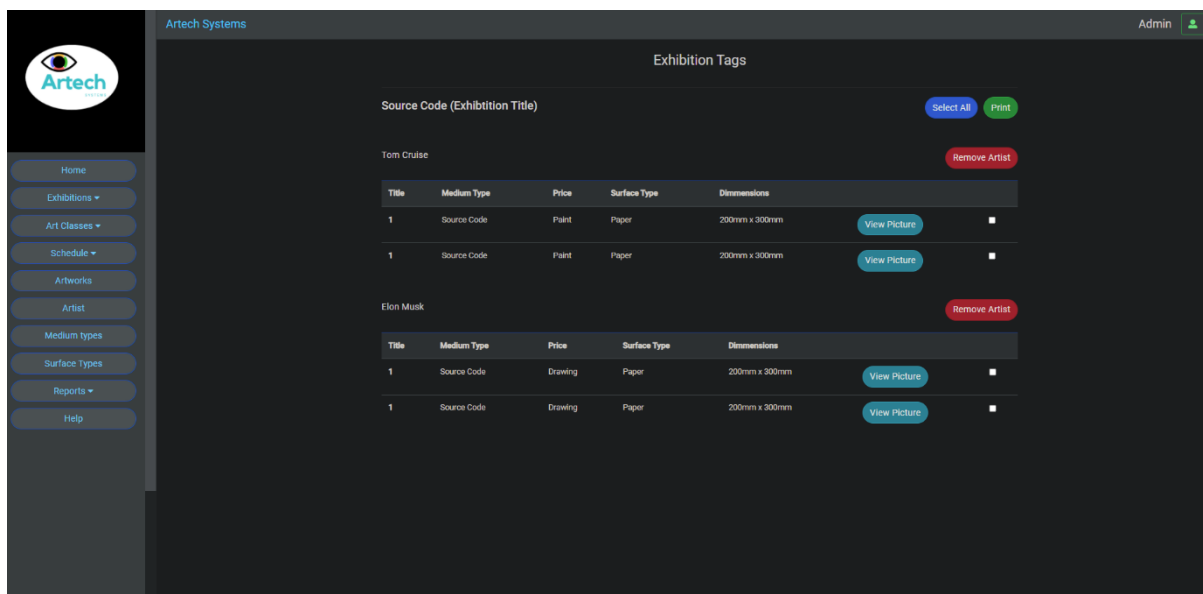


Figure 44: Exhibitions Tags screen

2.1.45 View Art Class Schedule screen

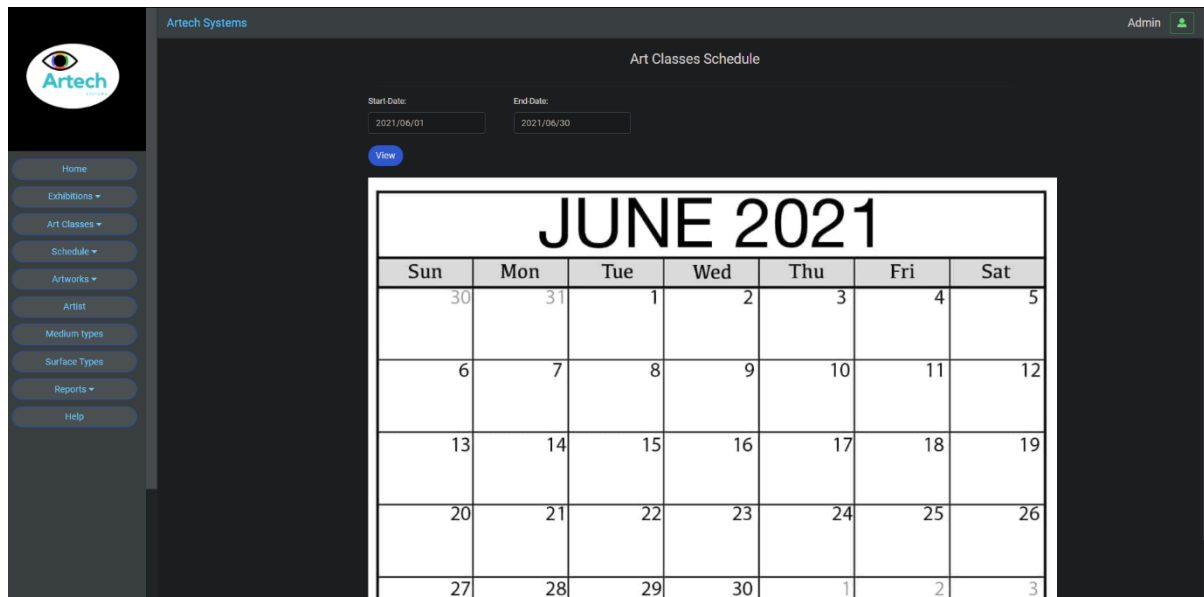


Figure 45: View Art Class Schedule screen

2.1.46 View Exhibition Schedule with Dropdown screen

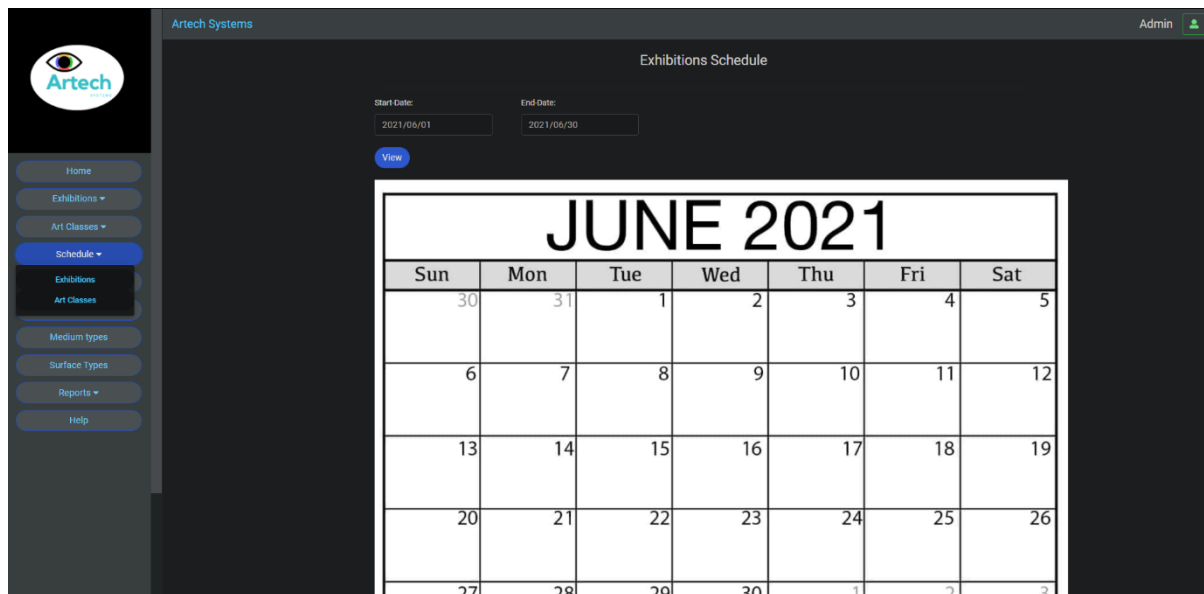


Figure 46: View Exhibition Schedule with Dropdown screen

2.1.47 Art Class and Dropdown screen

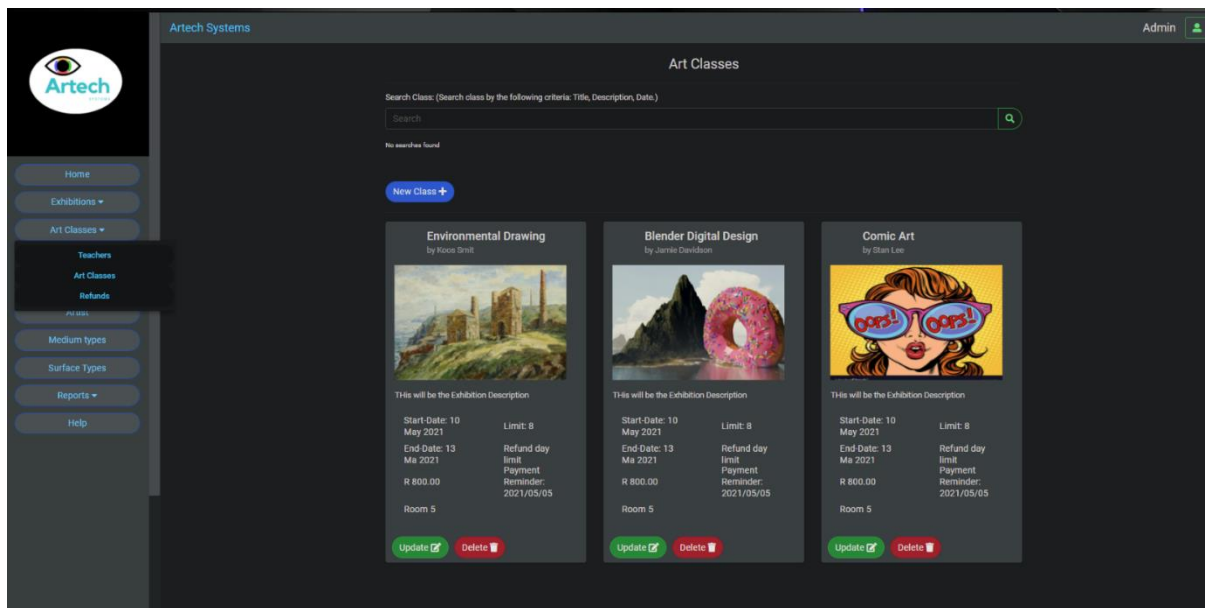


Figure 47: Art Class and Dropdown screen

2.1.48 Create New Art Class screen

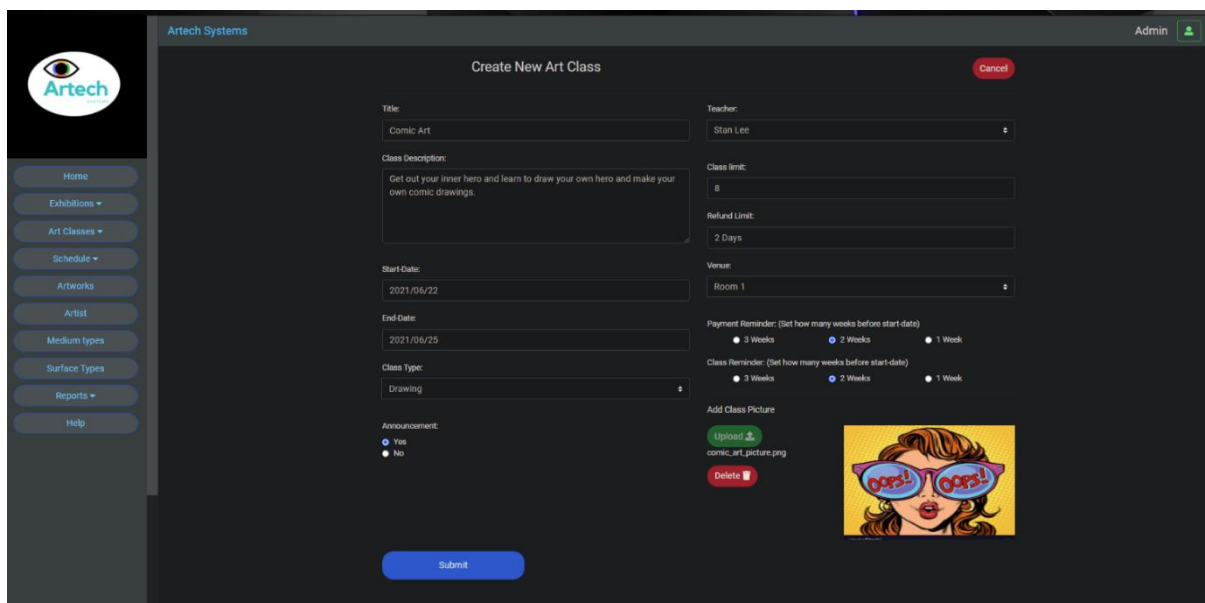


Figure 48: Create New Art Class screen

2.1.49 Create New Art Class Announcement Modal

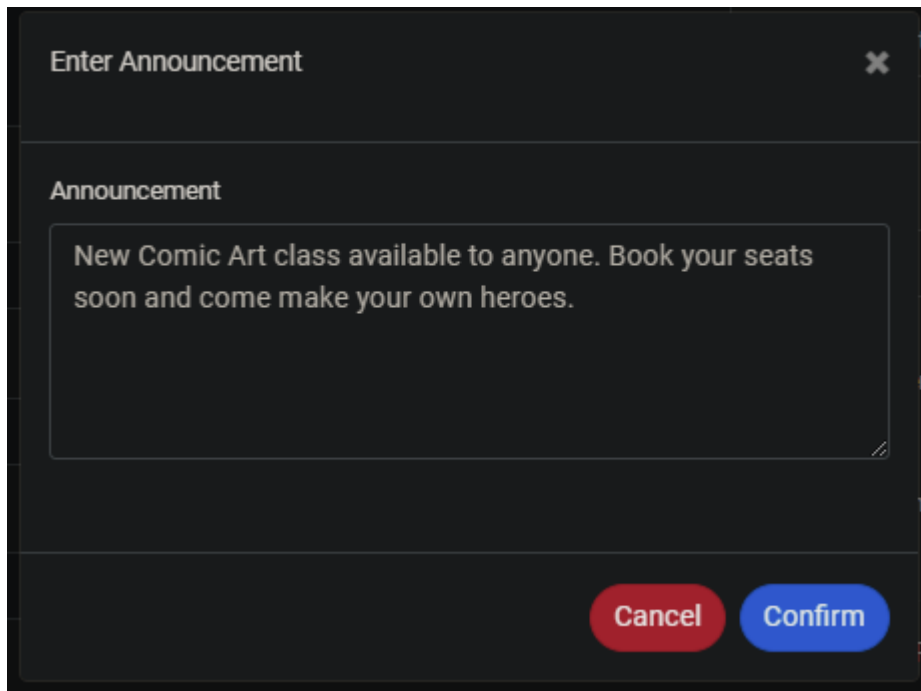


Figure 49: Create New Art Class Announcement Modal

2.1.50 New Class Added Successfully alert

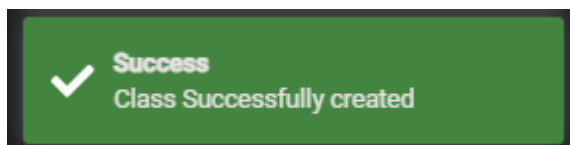


Figure 50: New Class Added Successfully alert

2.1.51 Could not add class alert

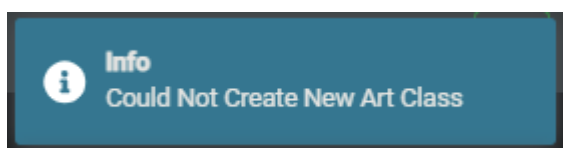
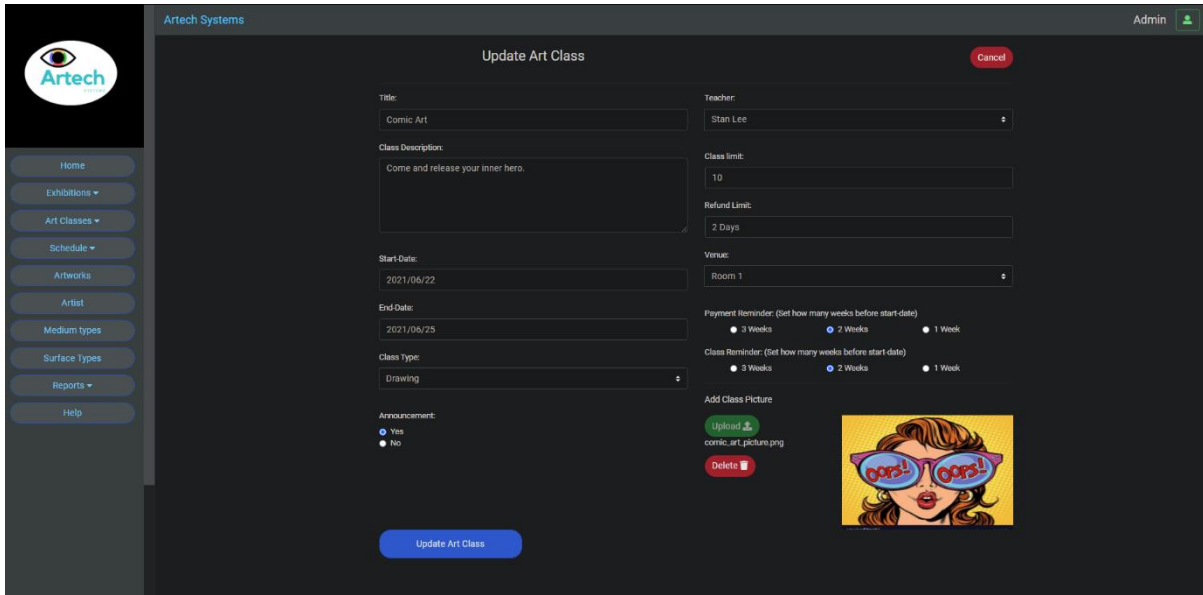


Figure 51: Could not add class alert

2.1.52 Update Art Class screen



Artech Systems Admin

Update Art Class

[Cancel](#)

Title: Comic Art

Teacher: Stan Lee

Class Description: Come and release your inner hero.

Class limit: 10

Refund Limit: 2 Days

Start Date: 2021/06/22

End Date: 2021/06/25

Class Type: Drawing

Announcement: ☒ Yes ☐ No

Payment Reminder: (Set how many weeks before start date)
☐ 3 Weeks ☒ 2 Weeks ☐ 1 Week

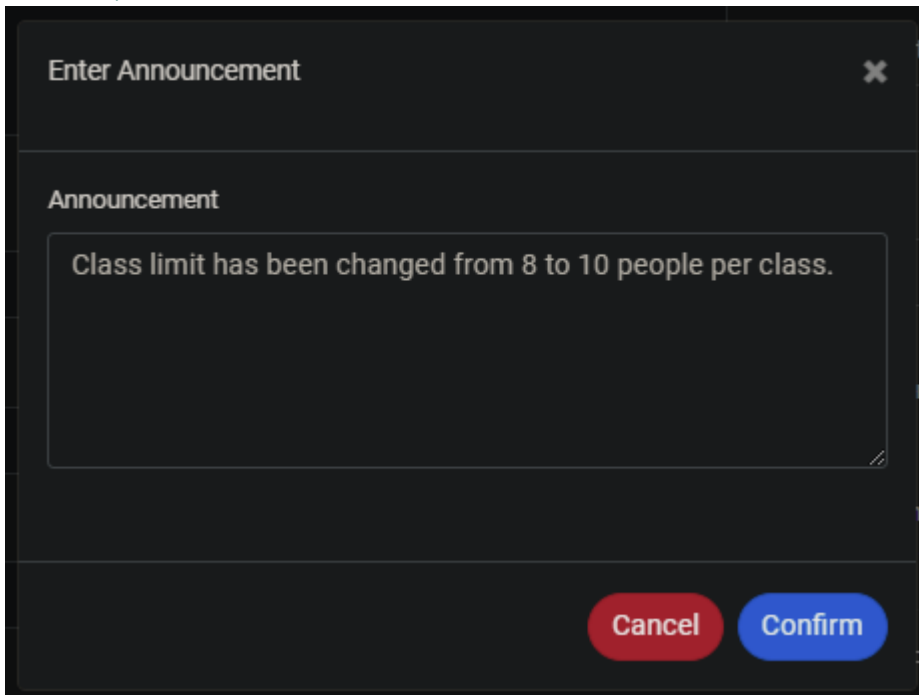
Class Reminder: (Set how many weeks before start date)
☐ 3 Weeks ☒ 2 Weeks ☐ 1 Week

Add Class Picture
[Upload](#) comic.art.picture.png [Delete](#)

[Update Art Class](#)

Figure 52: Update Art Class screen

2.1.53 Update Art Class Announcement Modal



Enter Announcement ×

Announcement

Class limit has been changed from 8 to 10 people per class.

[Cancel](#) [Confirm](#)

Figure 53: Update Art Class Announcement Modal

2.1.54 Cancel Update Class Modal

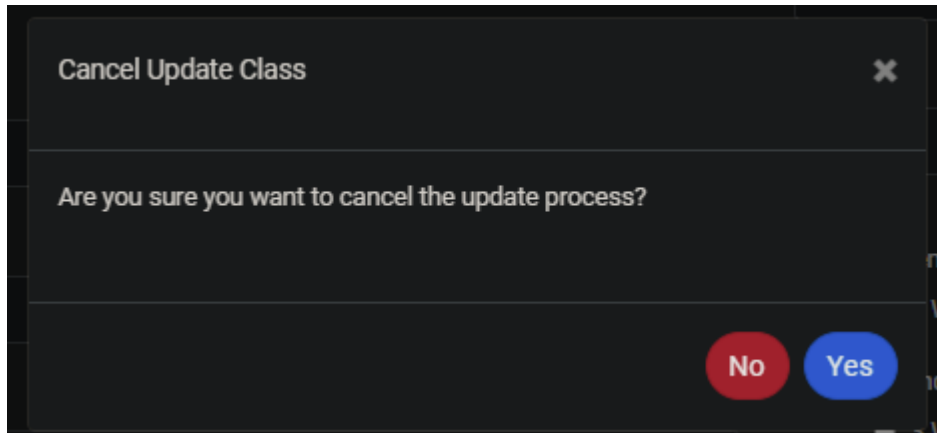


Figure 54: Cancel Update Class Modal

2.1.55 Update Art Class successful alert

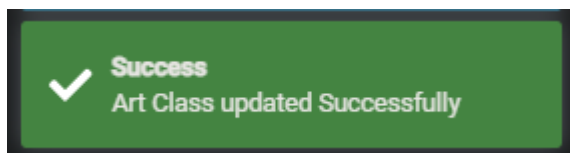


Figure 55: Update Art Class successful alert

2.1.56 Could not update Class alert

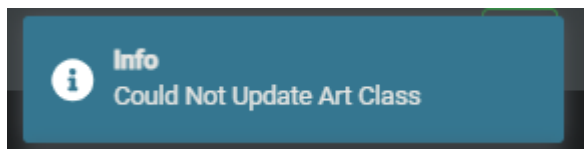


Figure 56: Could not update Class alert

2.1.57 Delete Art Class modal

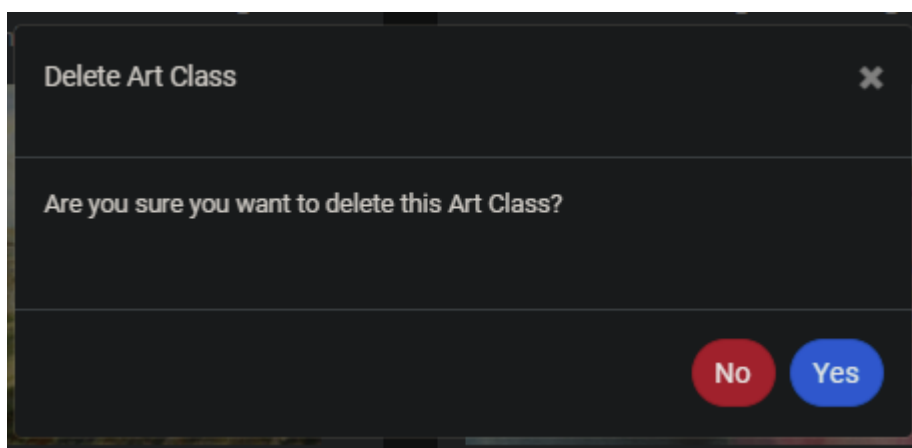


Figure 57: Delete Art Class modal

2.1.58 Art Class Deleted Successfully alert

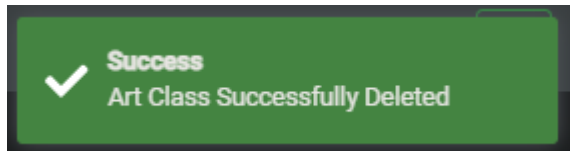


Figure 58: Art Class Deleted Successfully alert

1.59 Could not delete art class alert

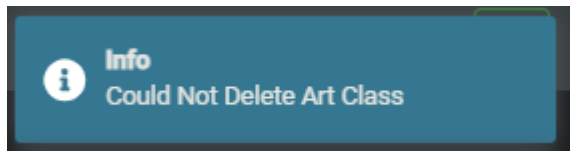


Figure 59: Could not delete art class alert

2.1.60 Add Teacher screen

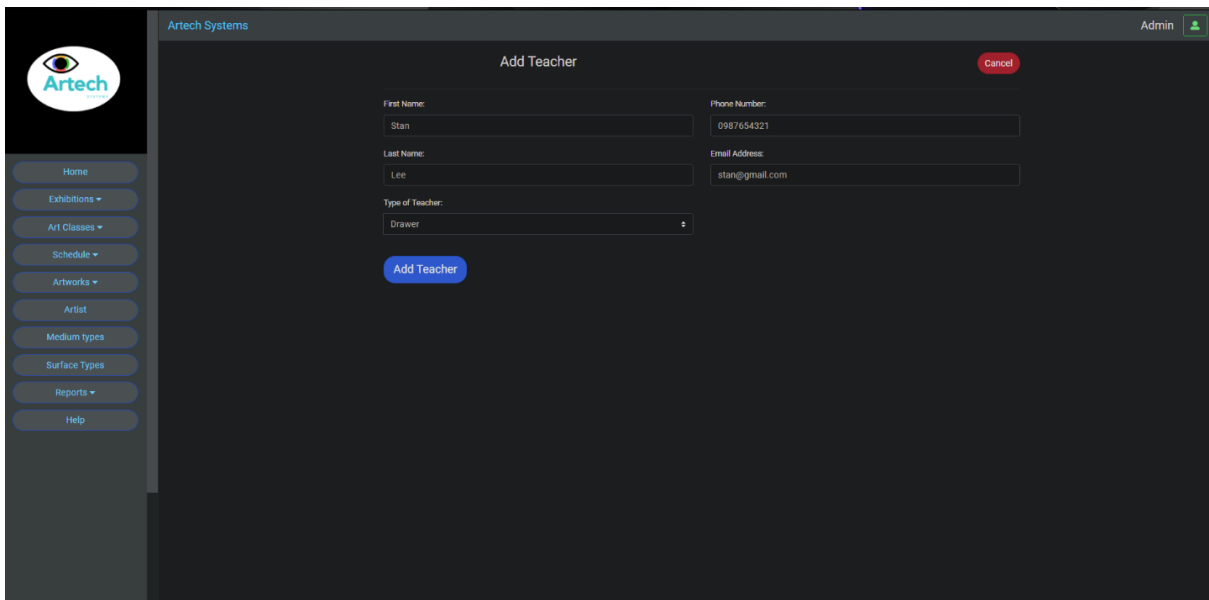

 A screenshot of the "Add Teacher" screen in the Artech Systems application. The interface has a dark theme. On the left is a sidebar with the Artech logo and a list of menu items: Home, Exhibitions, Art Classes, Schedule, Artworks, Artist, Medium types, Surface Types, Reports, and Help. The main content area is titled "Add Teacher" and contains several input fields: "First Name" (with "Stan" entered), "Last Name" (with "Lee" entered), "Phone Number" (with "0987654321" entered), and "Email Address" (with "stan@gmail.com" entered). There is also a dropdown menu for "Type of Teacher" with "Drawer" selected. At the bottom of the form is a blue "Add Teacher" button. A red "Cancel" button is located in the top right corner of the form area. The top of the screen shows "Artech Systems" and an "Admin" user profile.

Figure 60: Add Teacher screen

2.1.61 Confirm Add Teacher modal

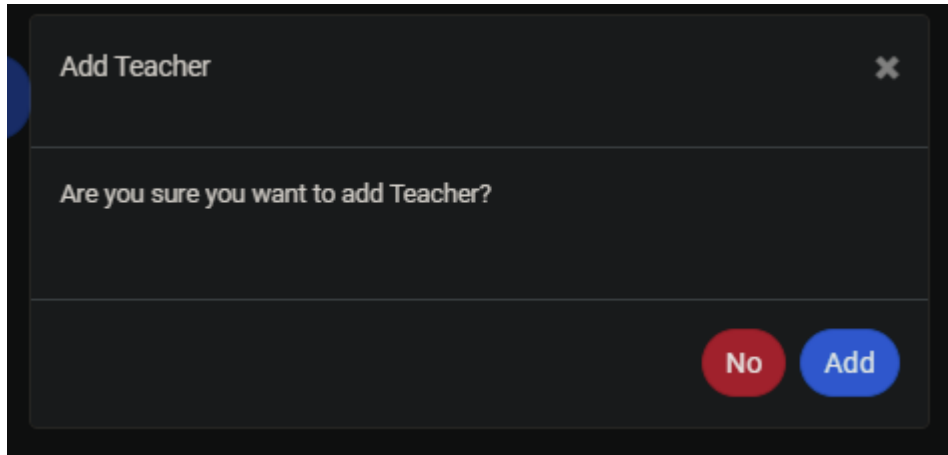


Figure 61: Confirm Add Teacher modal

2.1.62 Teacher added successfully alert

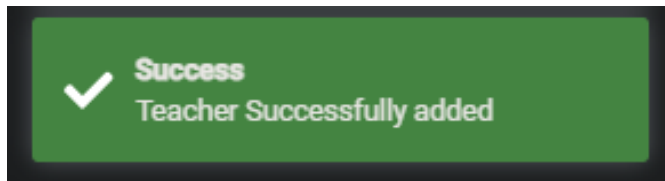


Figure 62: Teacher added successfully alert

2.1.63 Cancel Add Teacher modal

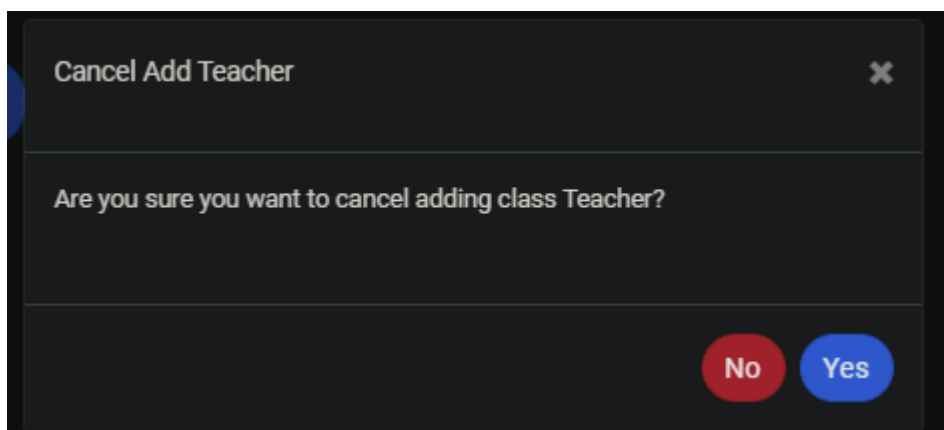


Figure 63: Cancel Add Teacher modal

2.1.64 Could Not Add Teacher alert

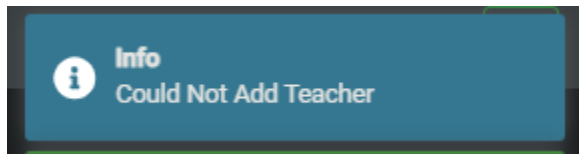


Figure 64: Could Not Add Teacher alert

2.1.65 View Teacher screen

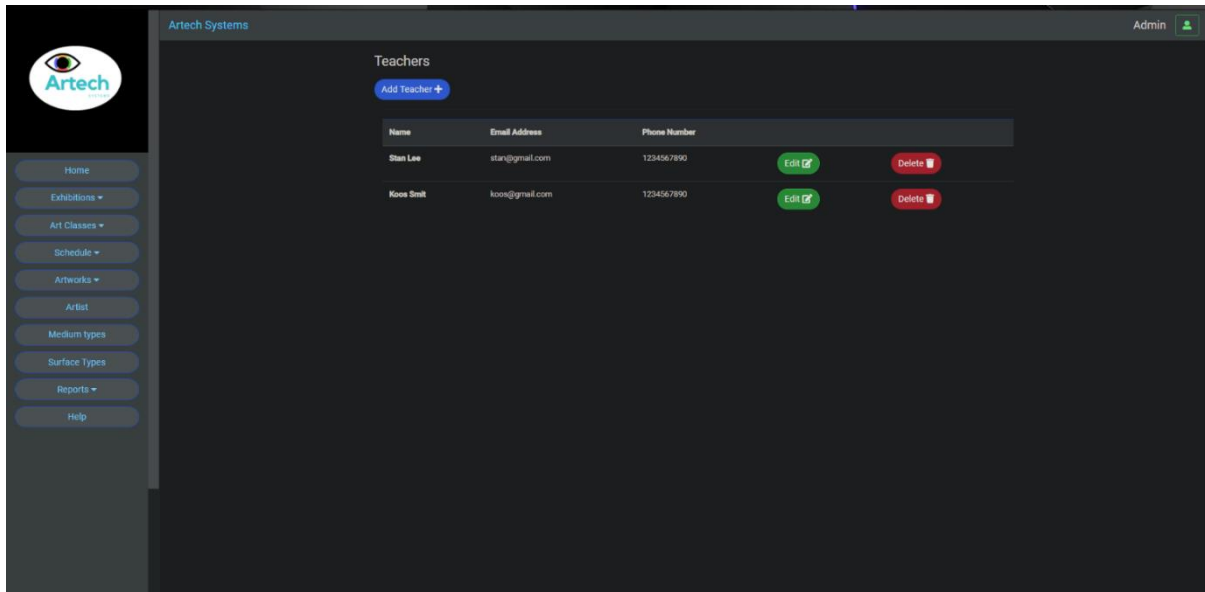


Figure 65: View Teacher screen

2.1.66 Update Teacher screen

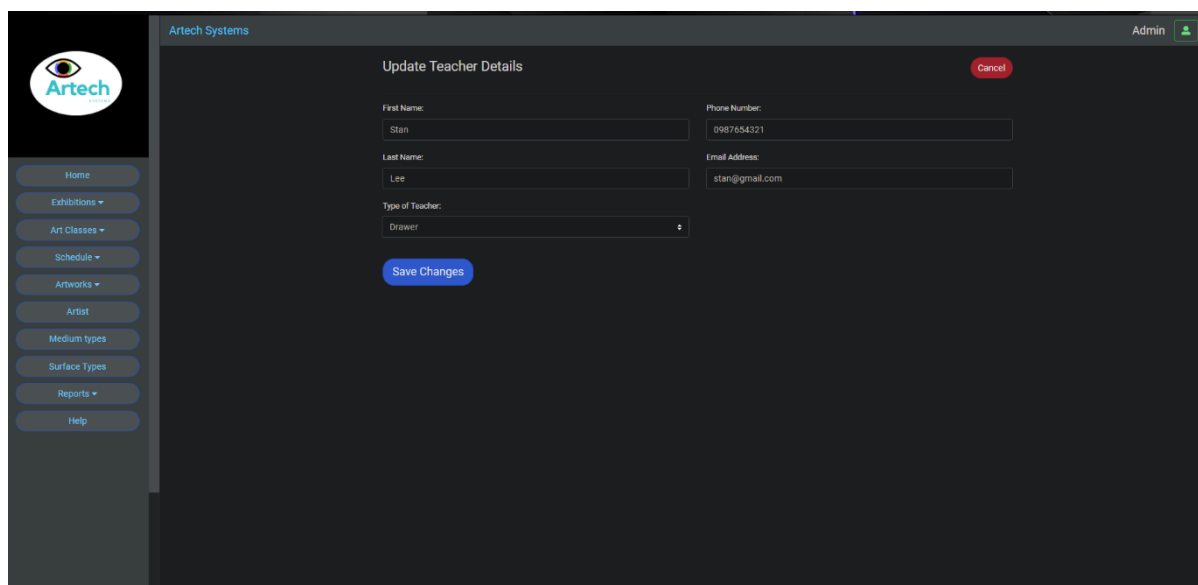


Figure 66: Update Teacher screen

2.1.67 Confirm Update Teacher modal

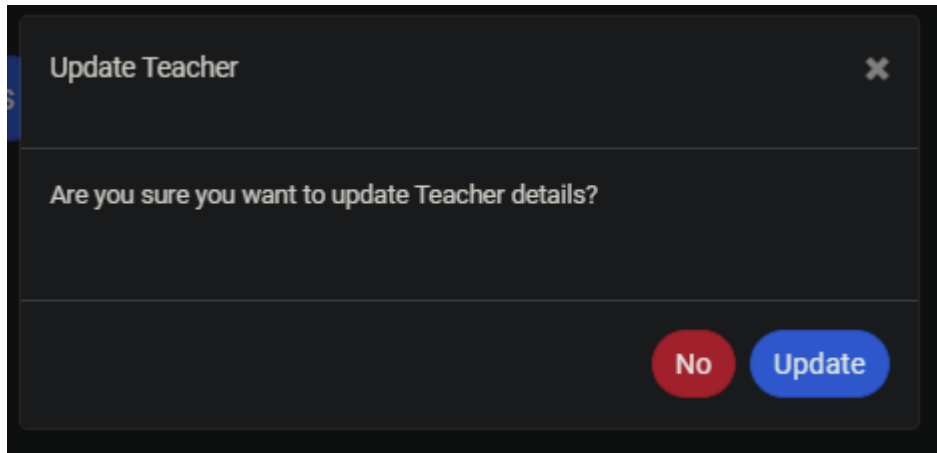


Figure 67: Confirm Update Teacher modal

2.1.68 Teacher successfully updated alert

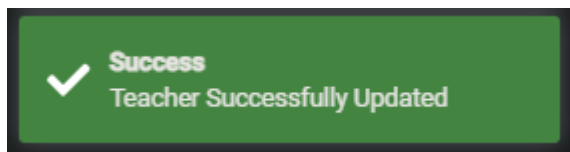


Figure 68: Teacher successfully updated alert

2.1.69 Cancel Update Teacher Modal

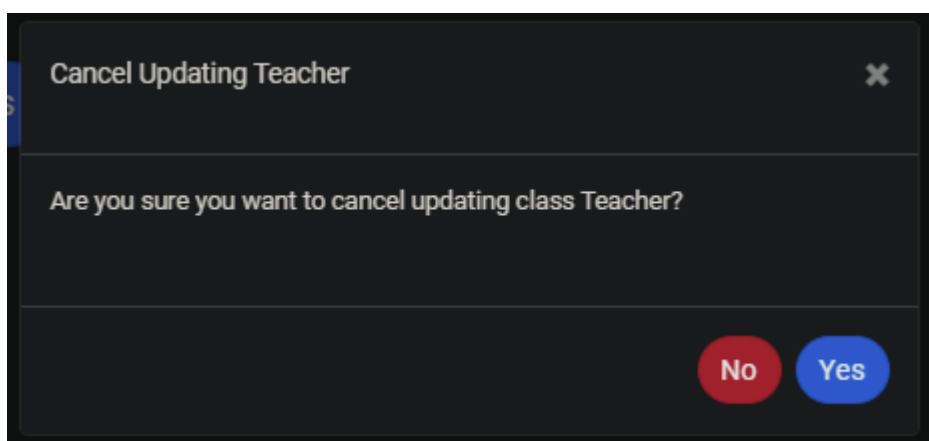


Figure 69: Cancel Update Teacher Modal

2.1.70 Could not update teacher alert

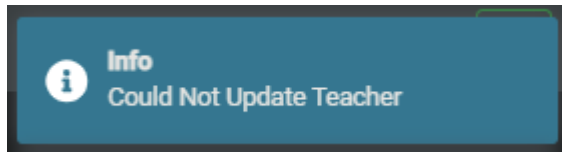


Figure 70: Could not update teacher alert

2.1.71 Delete Class Teacher modal

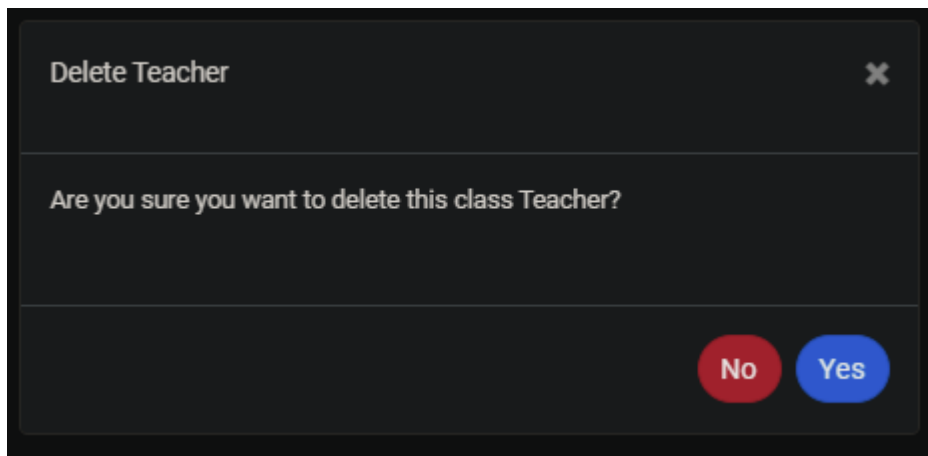


Figure 71: Delete Class Teacher modal

2.1.72 Delete Class Teacher alert

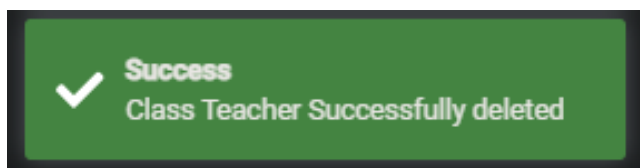


Figure 72: Delete Class Teacher alert

2.1.73 Could not delete class teacher alert

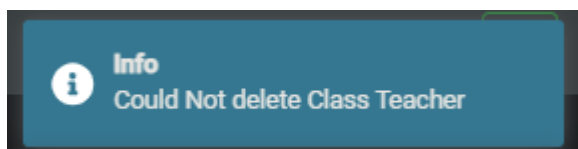


Figure 73: Could not delete class teacher alert

2.1.74 View medium type screen

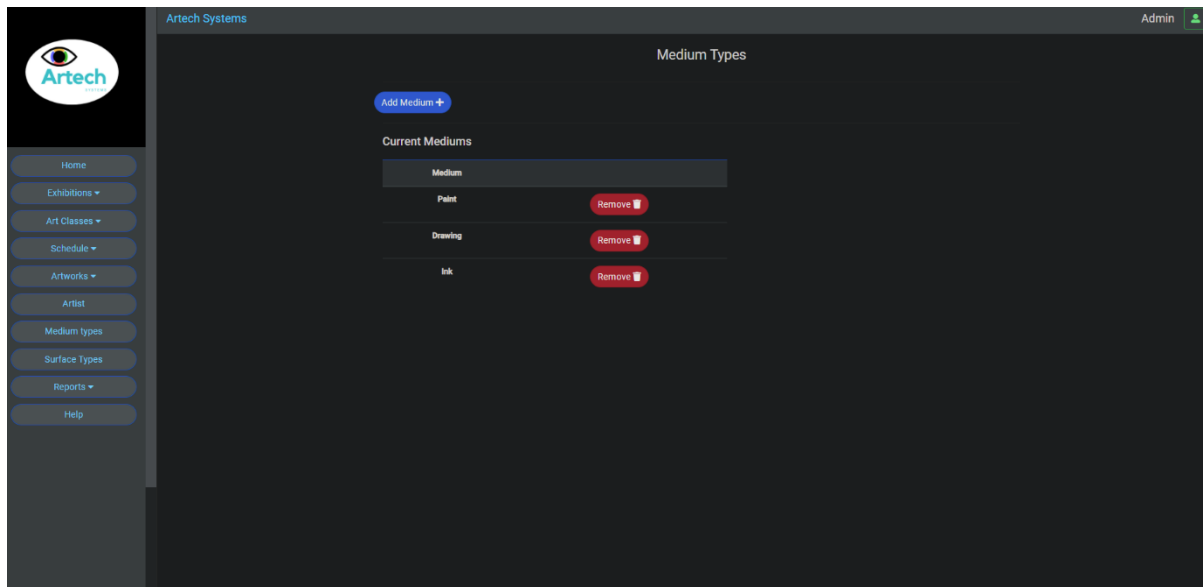


Figure 74: View medium type screen

2.1.75 Add Medium Type Modal

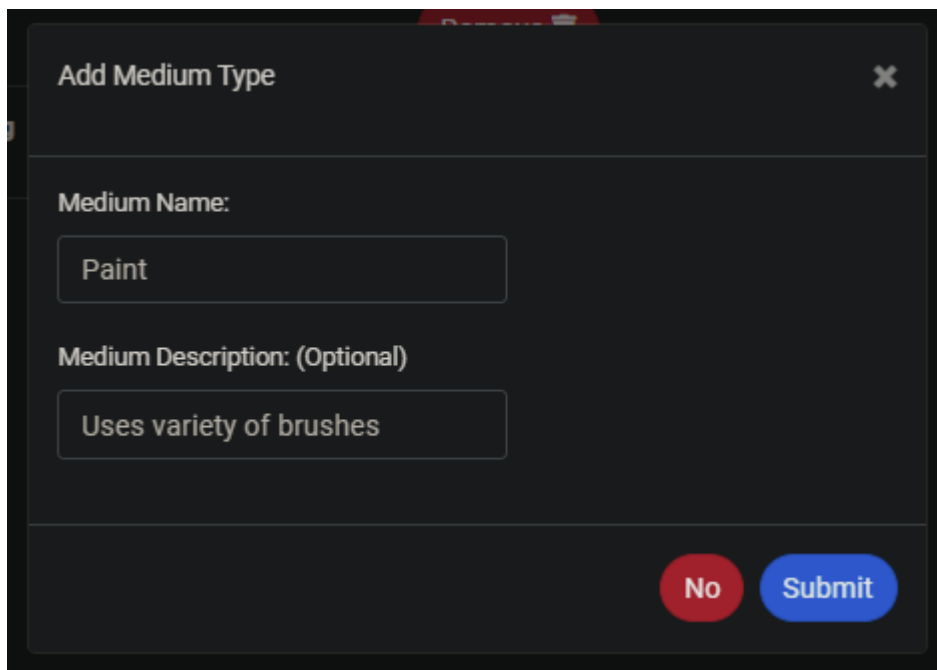


Figure 75: Add Medium Modal

2.1.76 Confirm Add Medium Modal

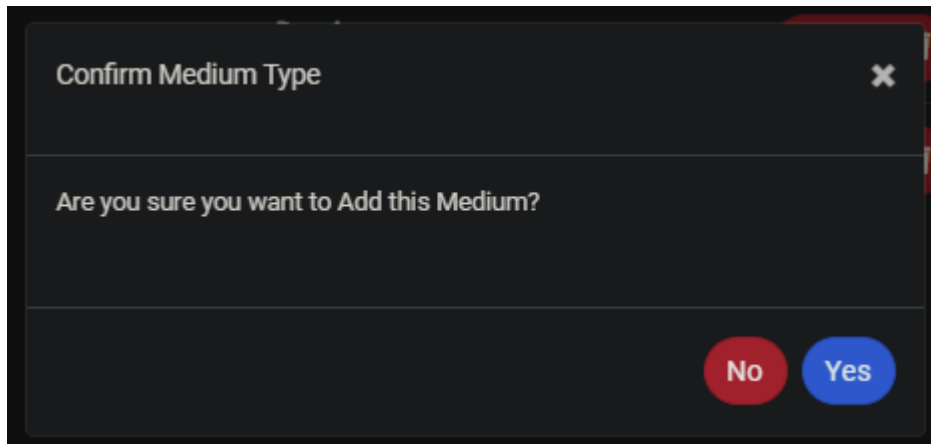


Figure 76: Confirm Add Medium Modal

2.1.78 Medium Added Success Alert



Figure 78: Medium Added Success Alert

2.1.79 Could Not Add Medium Alert

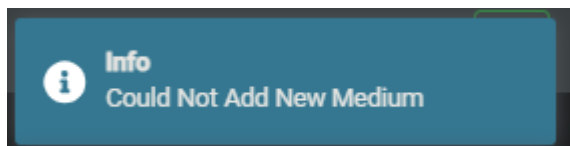


Figure 79: Could Not Add Medium Alert

2.1.80 Delete Medium Modal

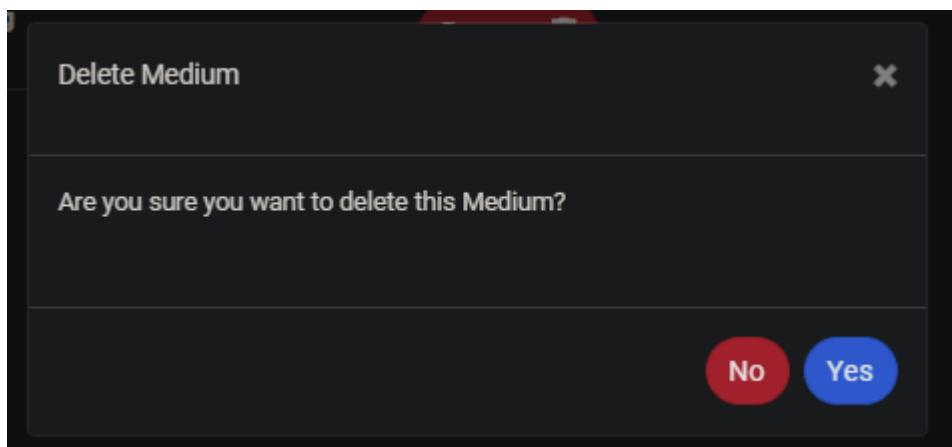


Figure 3: Delete Medium Modal

2.1.81 Delete Medium Success Alert

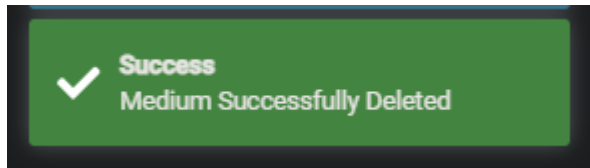


Figure 4: Delete Medium Success Alert

2.1.82 Could Not Delete Medium Alert

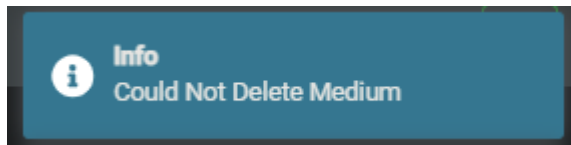


Figure 5: Could Not Delete Medium Alert

2.1.83 Change Archive Status Page

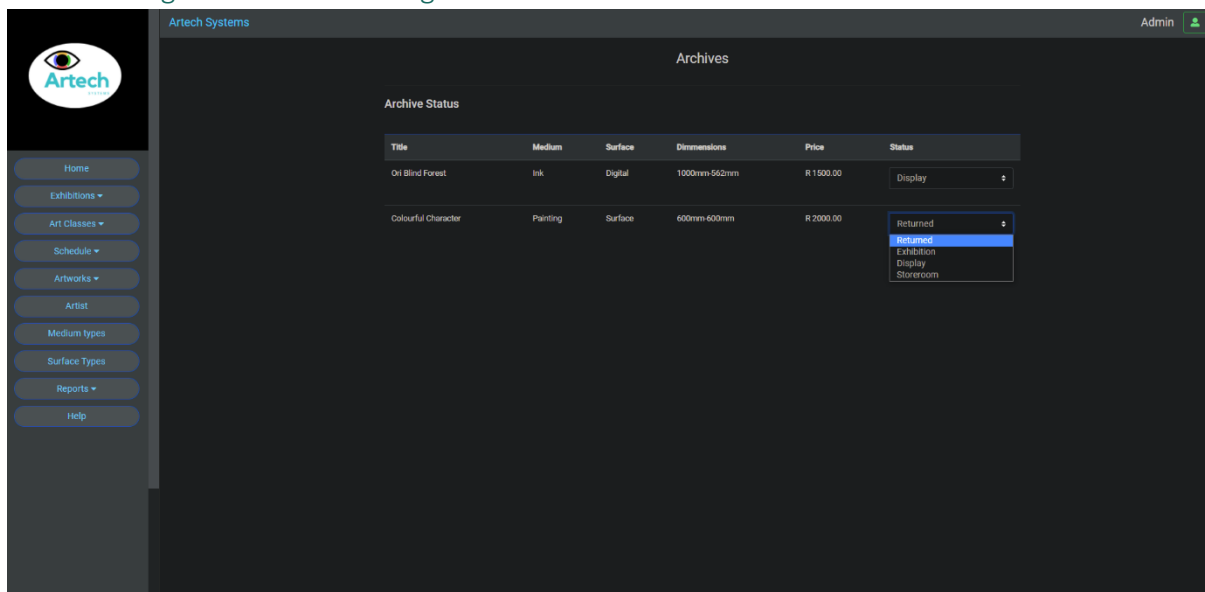


Figure 83: Change Archive Status Page

2.1.84 View Surface Type screen

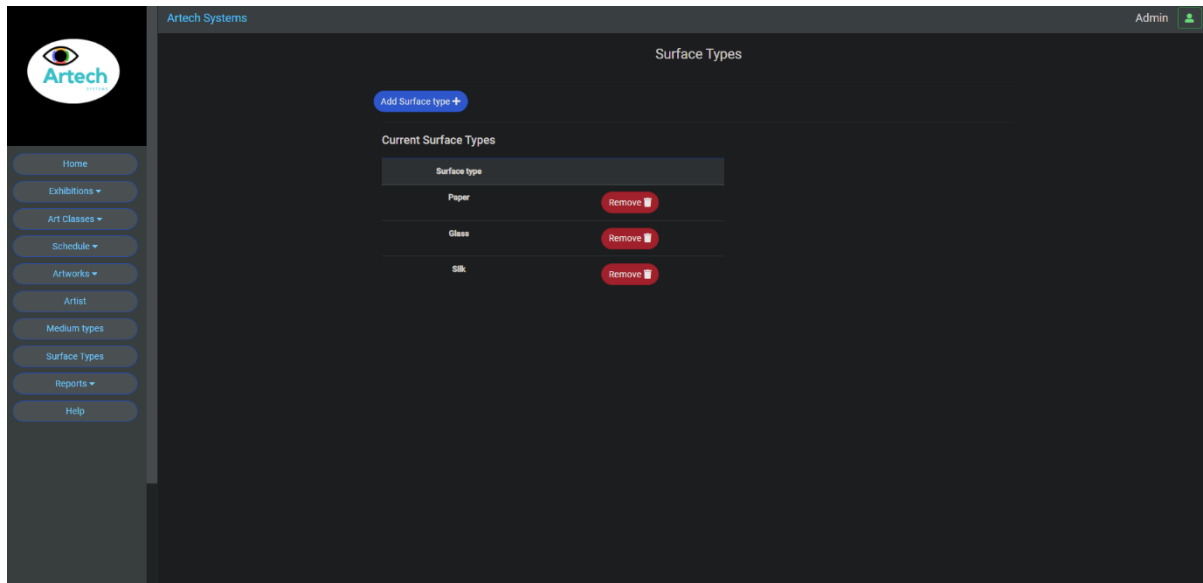


Figure 84: View Surface Type screen

2.1.85 Add surface type modal

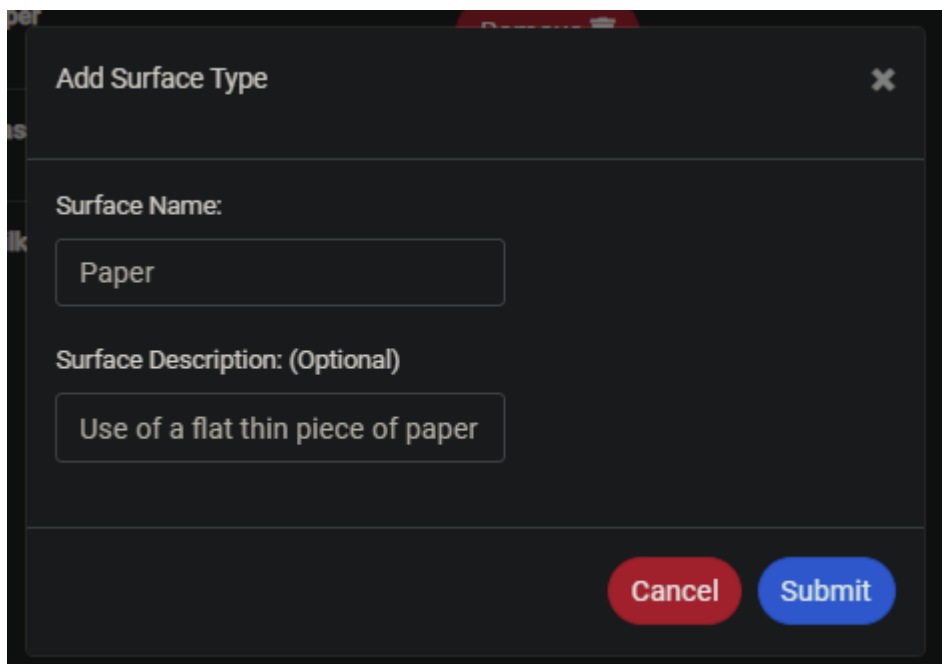


Figure 85: Add surface type modal

2.1.86 Confirm Add Surface Type Modal

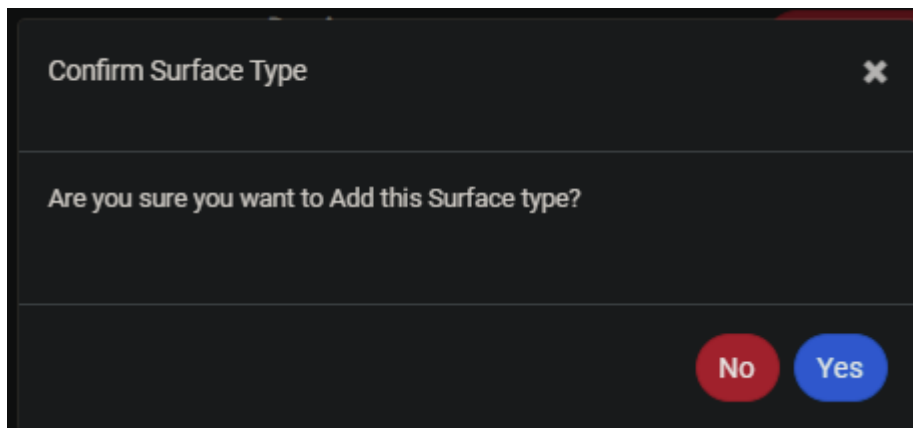


Figure 86: Confirm Add Surface Type Modal

2.1.87 Add Surface Type Success alert

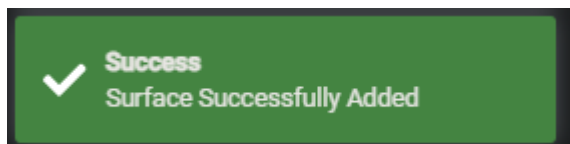


Figure 6: Add Surface Type Success alert

2.1.88 Could not add surface type alert

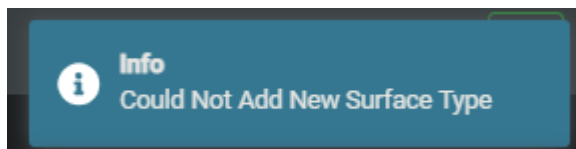


Figure 7: Could not add surface type alert

2.1.89 Delete Surface type modal

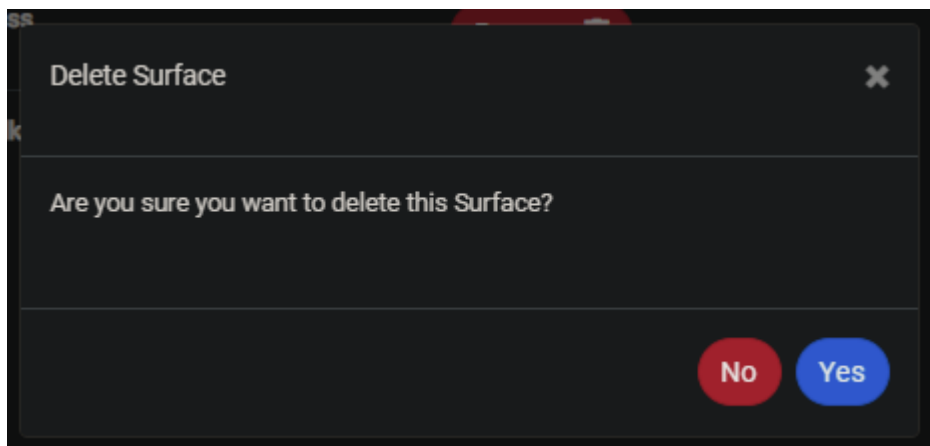


Figure 89: Delete Surface type modal

2.1.90 Surface type Delete Success Alert

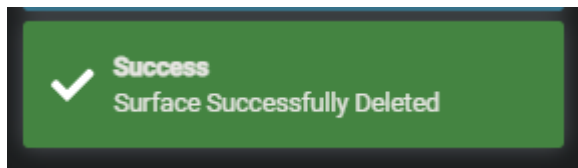


Figure 90: Surface type Delete Success Alert

2.1.91 Could Not Delete Surface type Alert

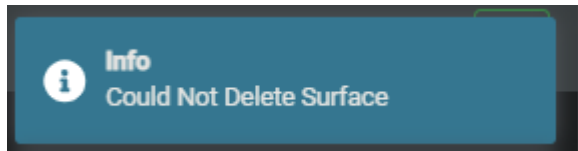


Figure 91: Could Not Delete Surface type Alert

2.1.92 View Refunds screen

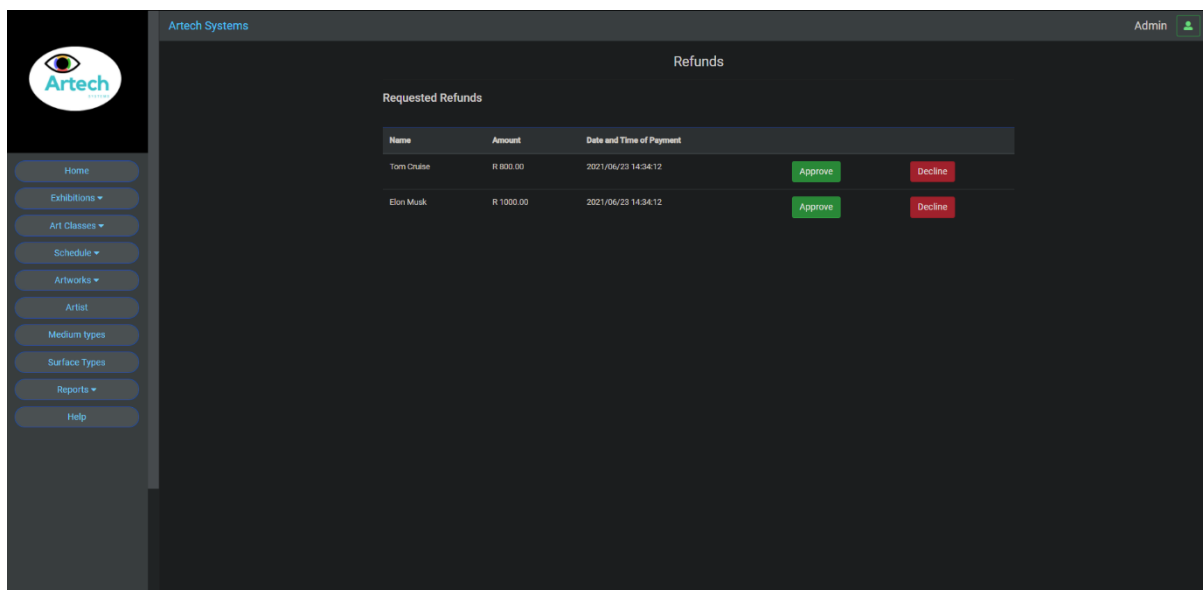


Figure 92: View Refunds screen

2.1.93 Approve Refund Modal

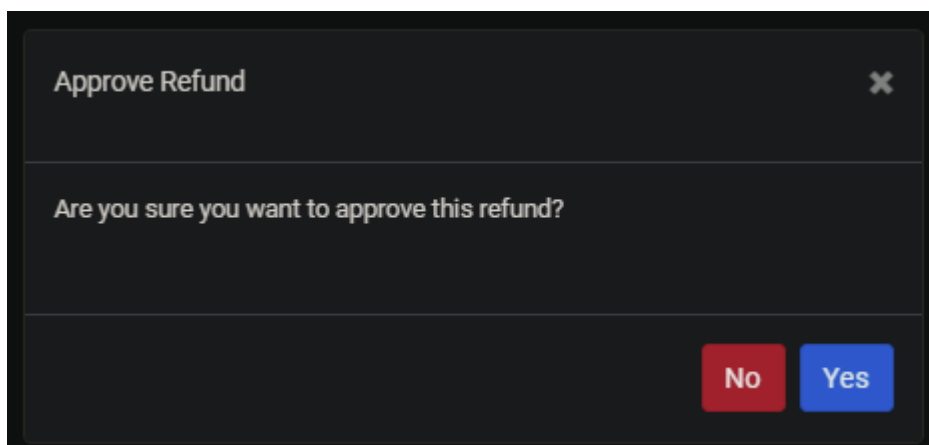


Figure 93: Approve Refund Modal

2.1.94 Refund approved success alert

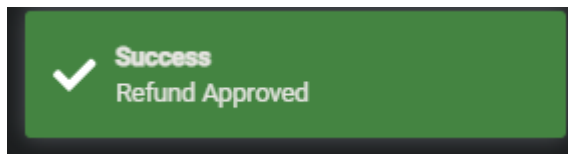


Figure 94: Refund approved success alert

2.1.95 Decline Refund modal

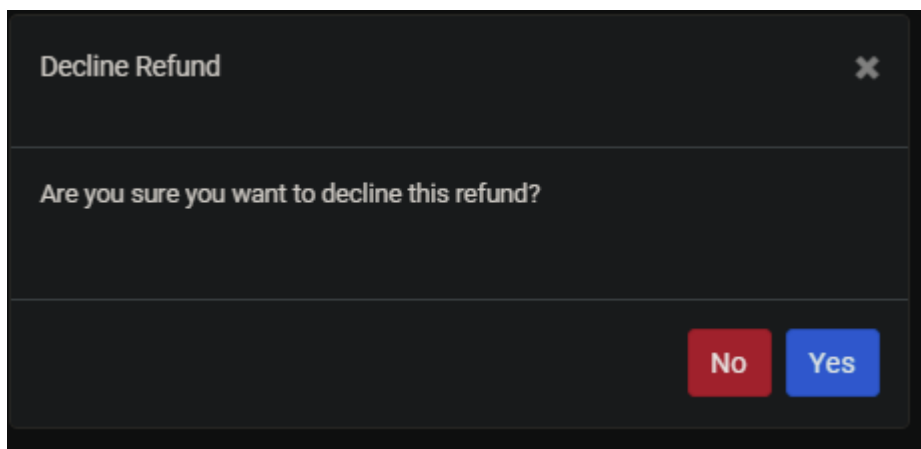


Figure 95: Decline Refund modal

2.1.96 Refund Declined success alert

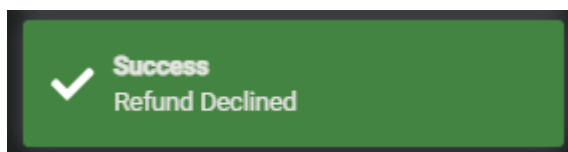


Figure 96: Refund Declined success alert

2.1.97 Could not decline Refund alert

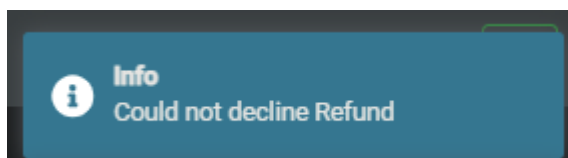


Figure 97: Could not decline Refund alert

2.1.98 Error Modal

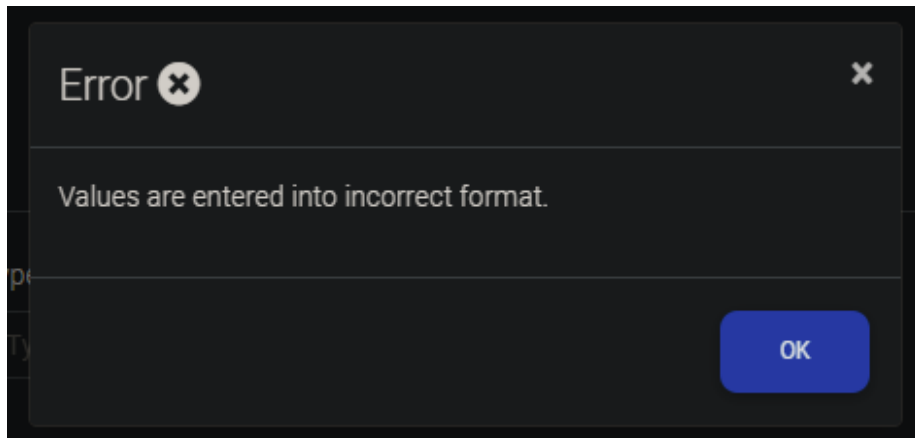


Figure 98: Error Modal

2.2 Art Class Subsystem

2.2.1 View Art Classes Screen: User/Artist

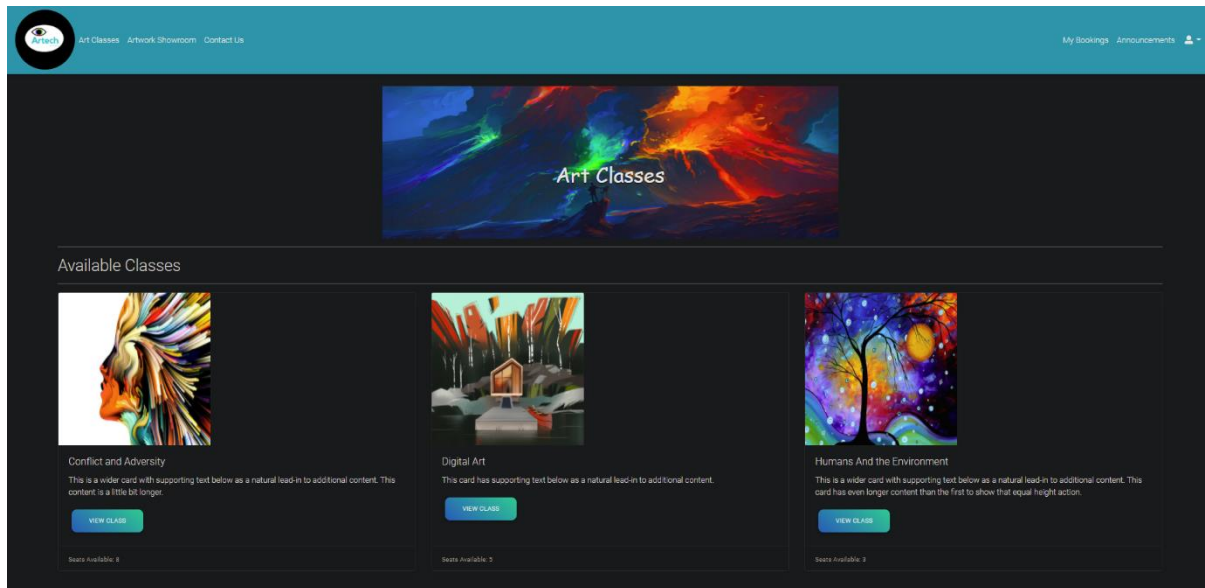


Figure 99: View Art Classes screen: User/Artist

2.2.2 View Specific Art Class Screen: User/Artist

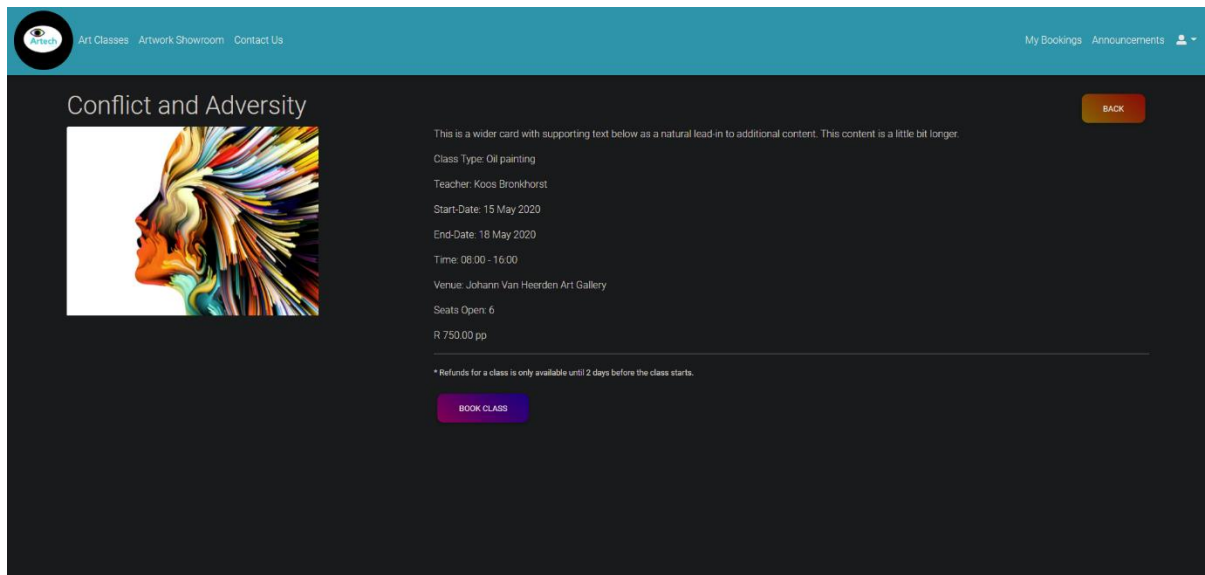


Figure 100: View Specific Art Class screen: User/Artist

2.2.3 Book Class Modal: User/Artist

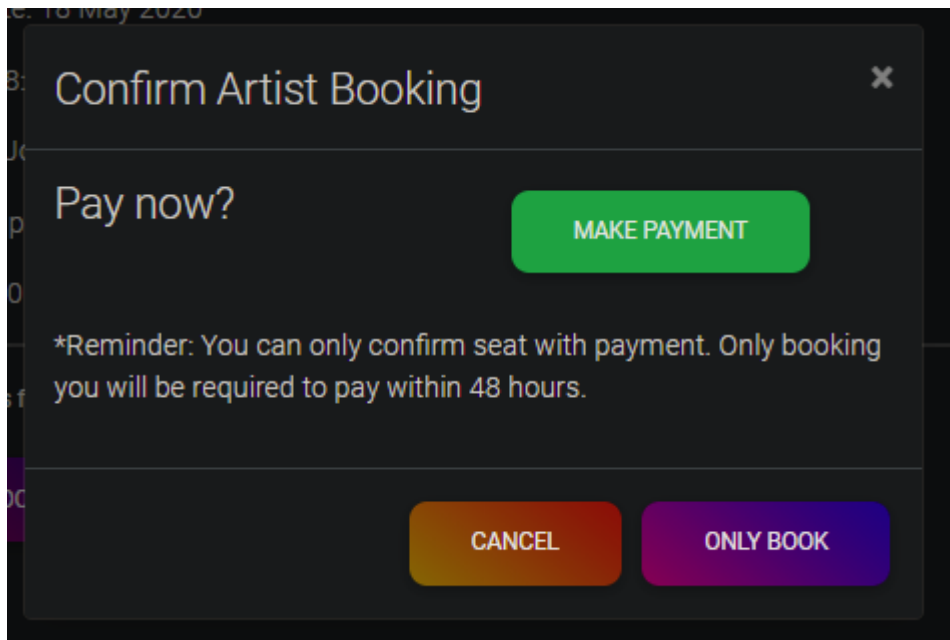


Figure 101: Book Class Modal: User/Artist

2.2.4 Only Book for Class Modal: User/Artist

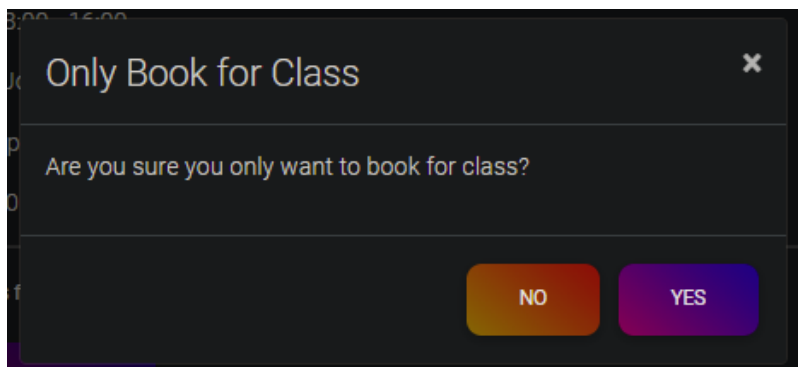


Figure 102: Only Book for Class Modal: User/Artist

2.2.5 Booking Successful Alert

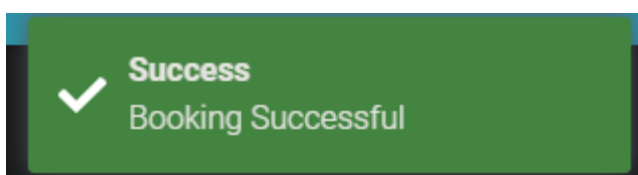


Figure 103: Booking Successful Alert

2.2.6 Booking Unsuccessful Alert

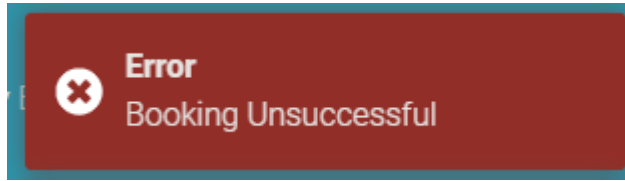


Figure 104: Booking Unsuccessful Alert

2.2.7 Confirm Cancel Booking Modal: User/Artist

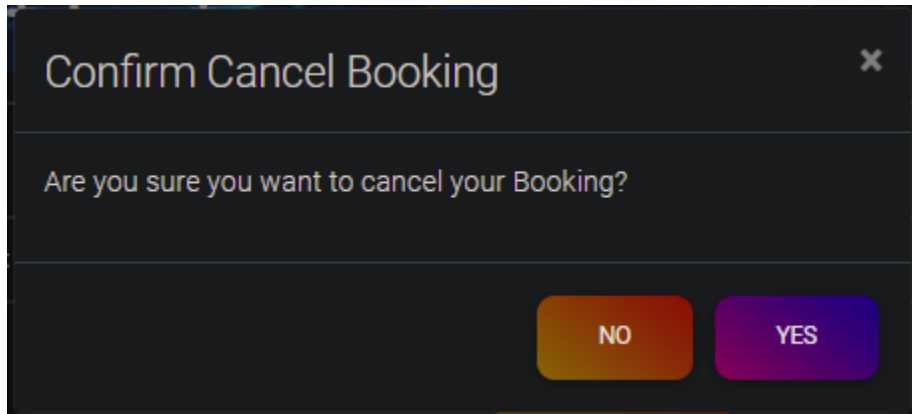


Figure 105: Confirm Cancel Booking Modal: User/Artist

2.2.8 Cancel Booking Success Alert

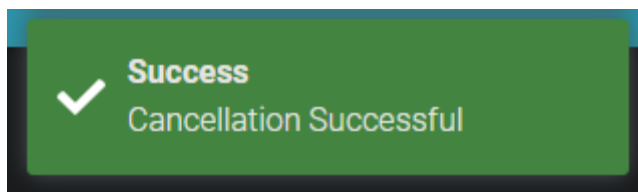


Figure 106: Cancel Booking Success Alert

2.2.9 Could Not Cancel Booking Alert

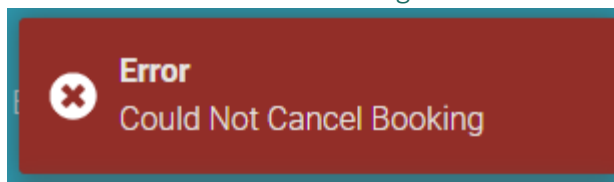


Figure 107: Could Not Cancel Booking Alert

2.2.10 View My Bookings screen: User/Artist

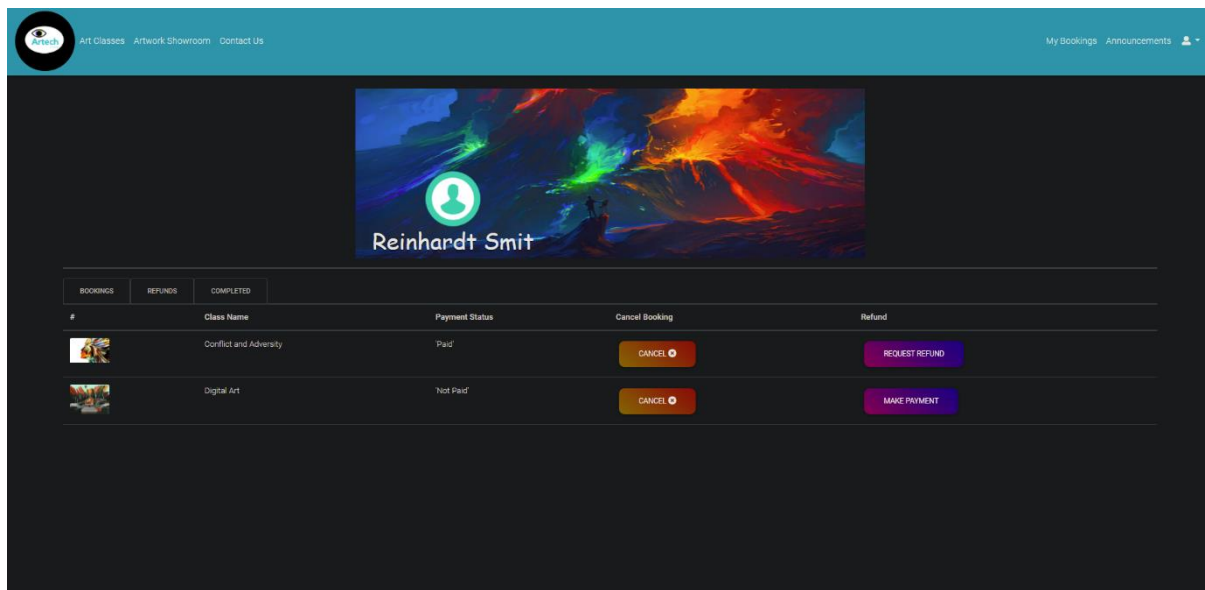


Figure 108: View My Bookings screen: User/Artist

2.2.11 View Refunds Screen: User/Artist

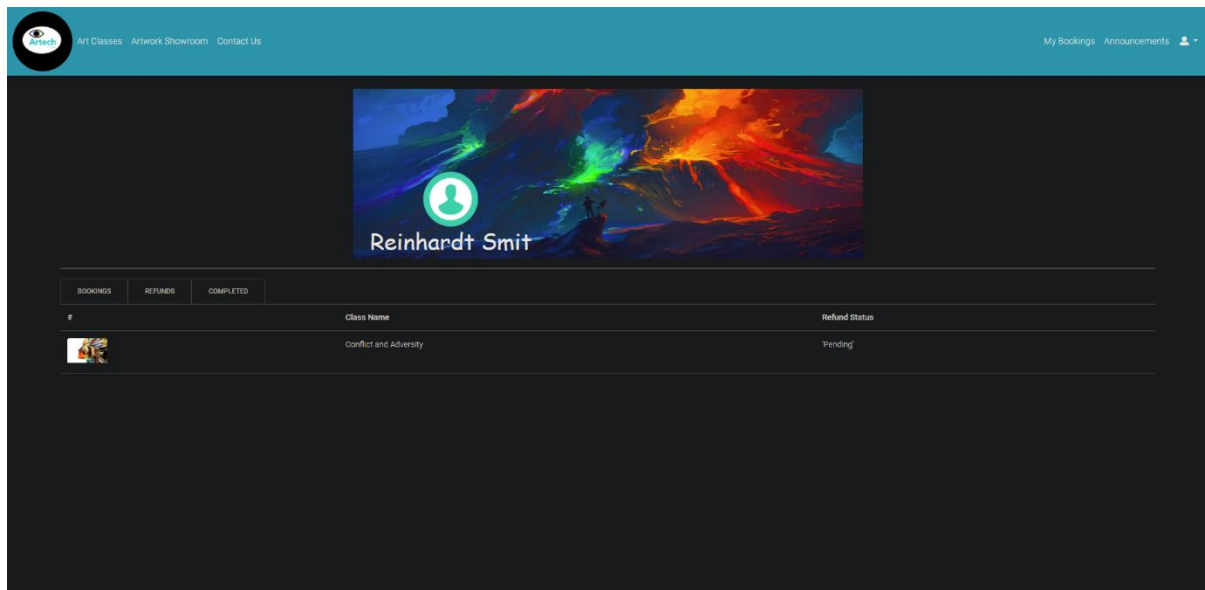


Figure 109: View Refunds: User/Artist

2.2.12 View Feedback Screen: User/Artist

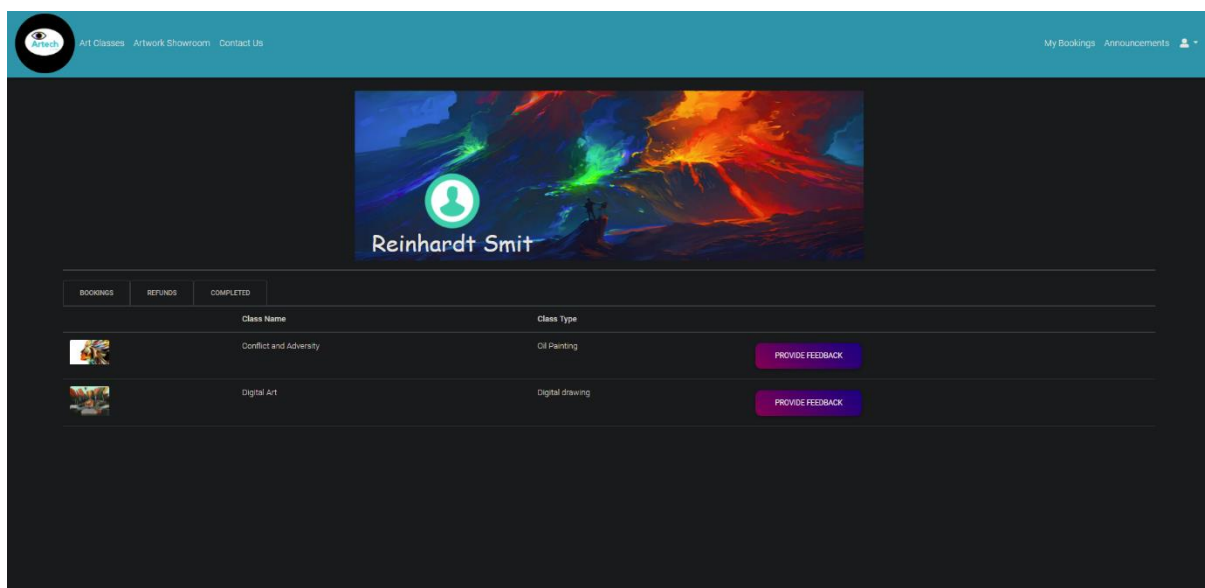
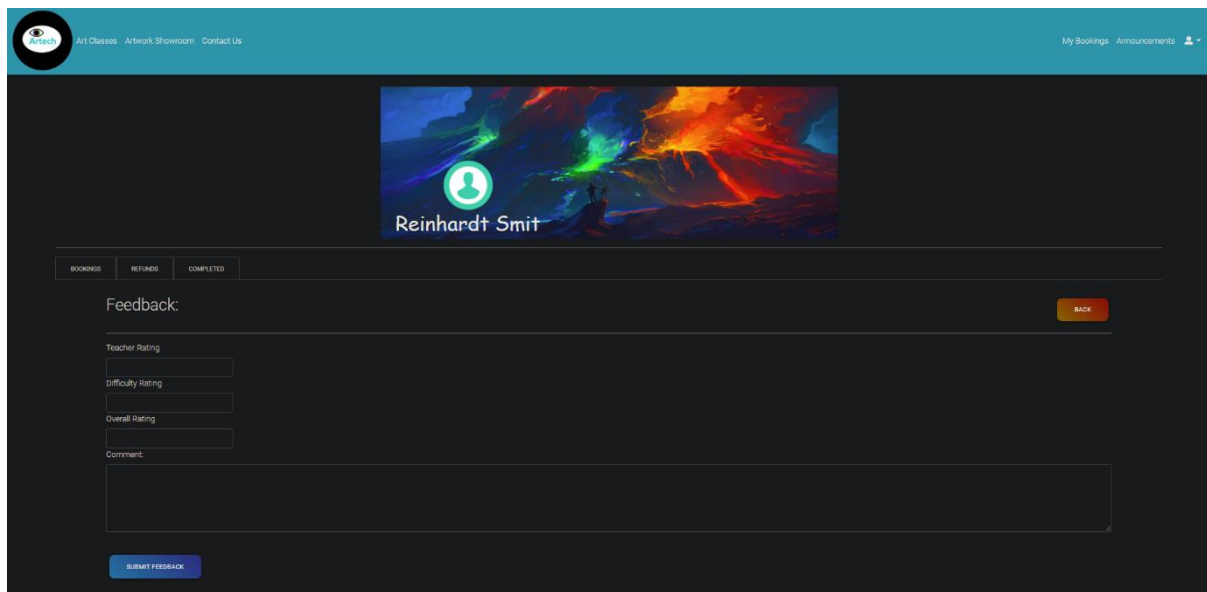


Figure 110: View Feedback: User screen: User/Artist

2.2.13 Feedback form: User/Artist



The screenshot shows a web interface for a feedback form. At the top, there is a navigation bar with the Artech logo, links for 'Art Classes', 'Artwork Showroom', and 'Contact Us', and a user profile section with 'My Bookings', 'Announcements', and a user icon. Below the navigation bar, the main content area features a large artwork by Reinhardt Smit, titled 'Reinhardt Smit'. Under the artwork, there are three tabs: 'BOOKINGS', 'REFUNDS', and 'COMPLETED'. The 'COMPLETED' tab is selected. Below the tabs, the 'Feedback:' section contains a 'BACK' button and a form with the following fields: 'Teacher Rating', 'Difficulty Rating', 'Overall Rating', and 'Comment'. The 'Comment' field is a large text area. At the bottom of the form, there is a 'SUBMIT FEEDBACK' button.

Figure 111: Feedback Form: User screen: User/Artist

2.2.14 Confirm Feedback Form Modal: User/Artist

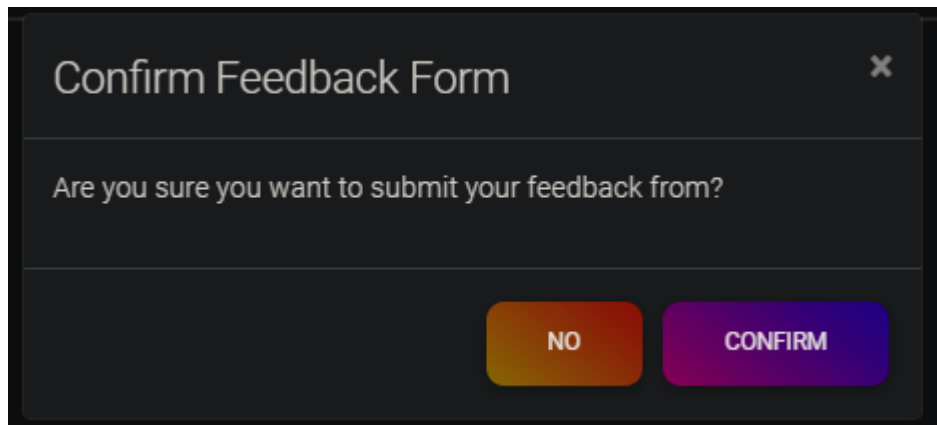


Figure 112: Confirm Feedback Form Modal: User/Artist

2.2.15 Cancel Feedback Form Modal: User/Artist

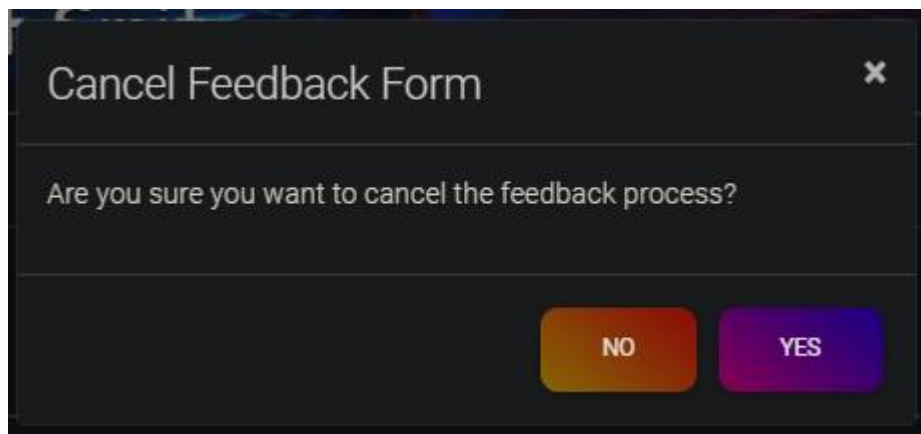


Figure 113: Cancel Feedback Form Modal: User/Artist

2.2.16 Feedback Successful Submit Alert

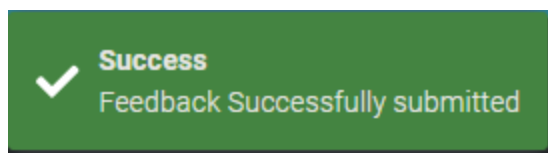


Figure 114: Feedback Successful Submit Alert

2.2.17 Could Not Submit Feedback Alert

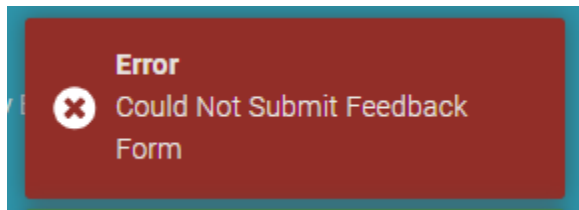


Figure 115: Could Not Submit Feedback Alert

2.2.18 Make Payment Modal: User/Artist

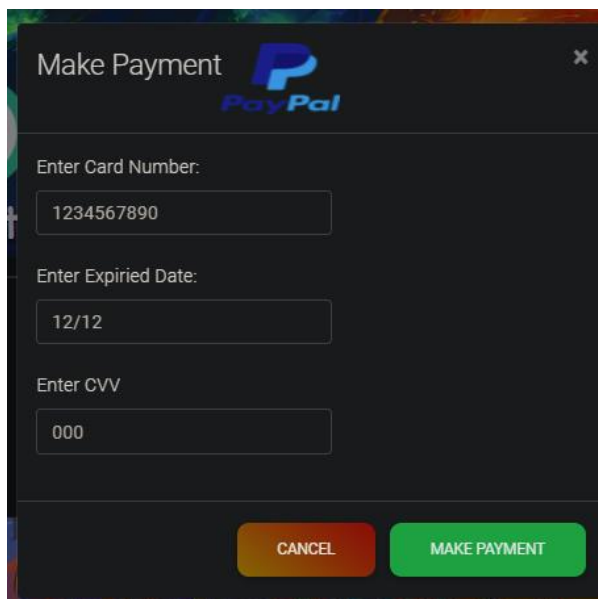


Figure 116: Make Payment Modal: User/Artist

2.2.19 Payment Successful Alert

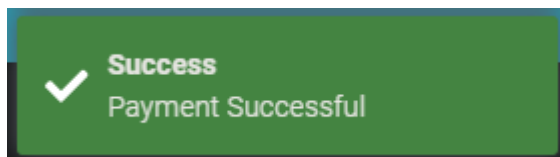


Figure 117: Payment Successful Alert

2.2.20 Payment Unsuccessful Alert

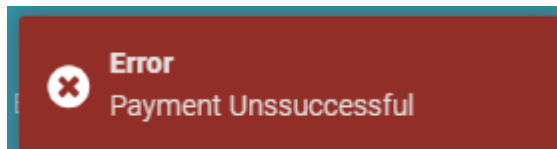


Figure 118: Payment Unsuccessful Alert

2.2.21 Request Refund Modal: User/Artist

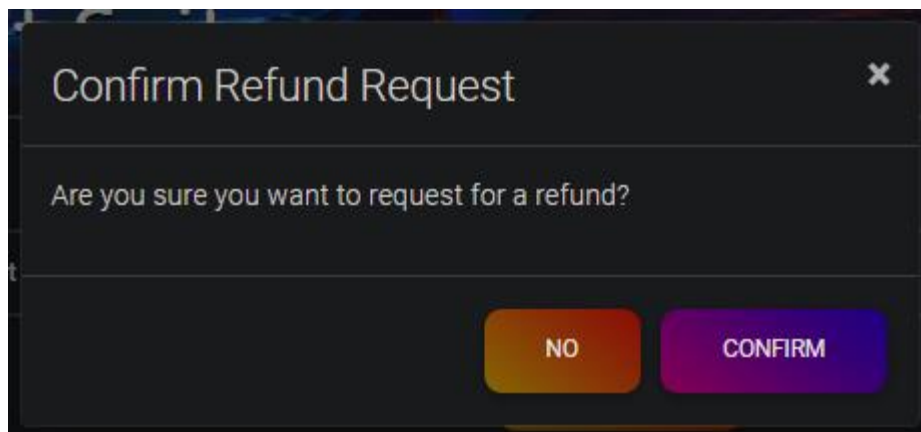


Figure 119: Request Refund Modal: User/Artist

2.2.22 Request Successful Alert

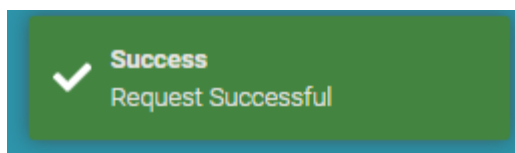


Figure 120: Request Successful Alert

2.2.23 Cannot Make Request Alert

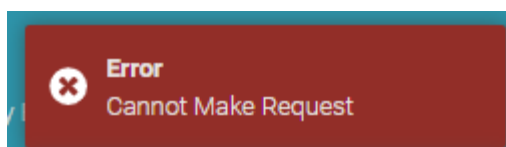
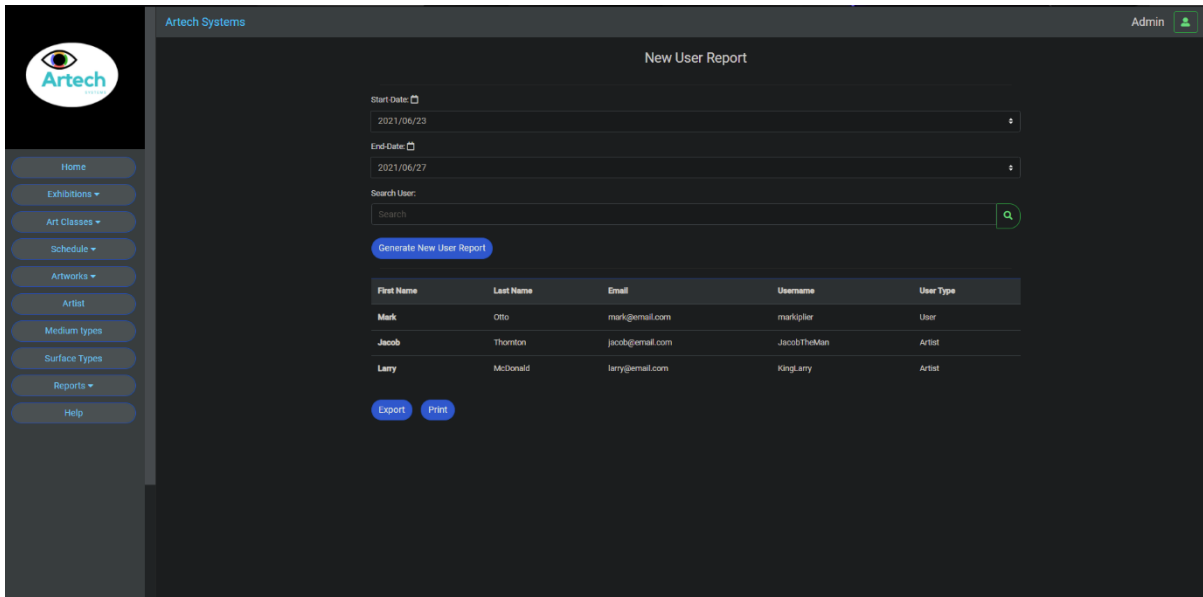


Figure 121: Cannot Make Request Alert

2.3 Reporting Subsystem

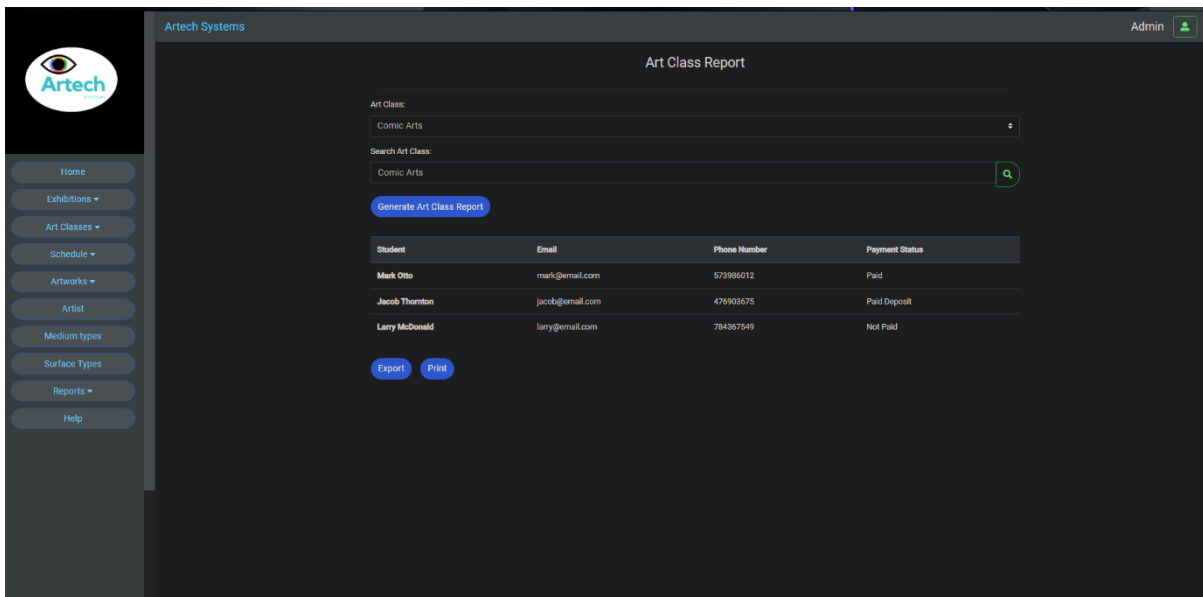
2.3.1 New User Report screen



First Name	Last Name	Email	Username	User Type
Mark	Otto	mark@email.com	markiplex	User
Jacob	Thornton	jacob@email.com	JacobTheMan	Artist
Larry	McDonald	larry@email.com	King.larry	Artist

Figure 122: New User Report screen

2.3.2 Art Class Reports screen



Student	Email	Phone Number	Payment Status
Mark Otto	mark@email.com	573986012	Paid
Jacob Thornton	jacob@email.com	476903675	Paid Deposit
Larry McDonald	larry@email.com	784367549	Not Paid

Figure 123: Art Class Reports screen

2.3.3 Class Teacher Report screen

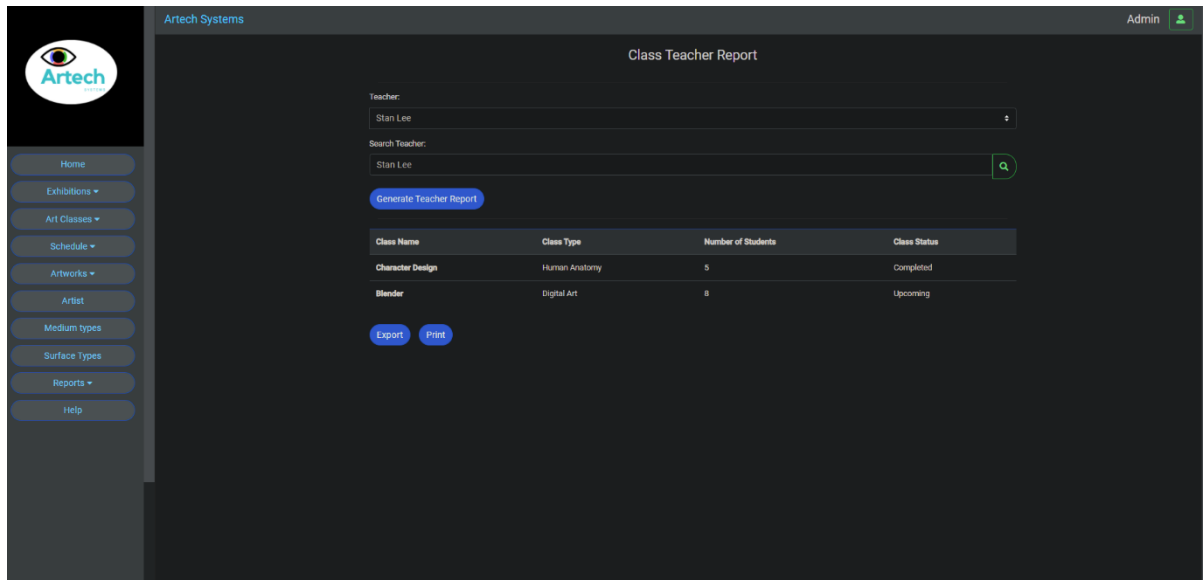


Figure 124: Class Teacher Report screen

2.3.4 Exhibition Report screen

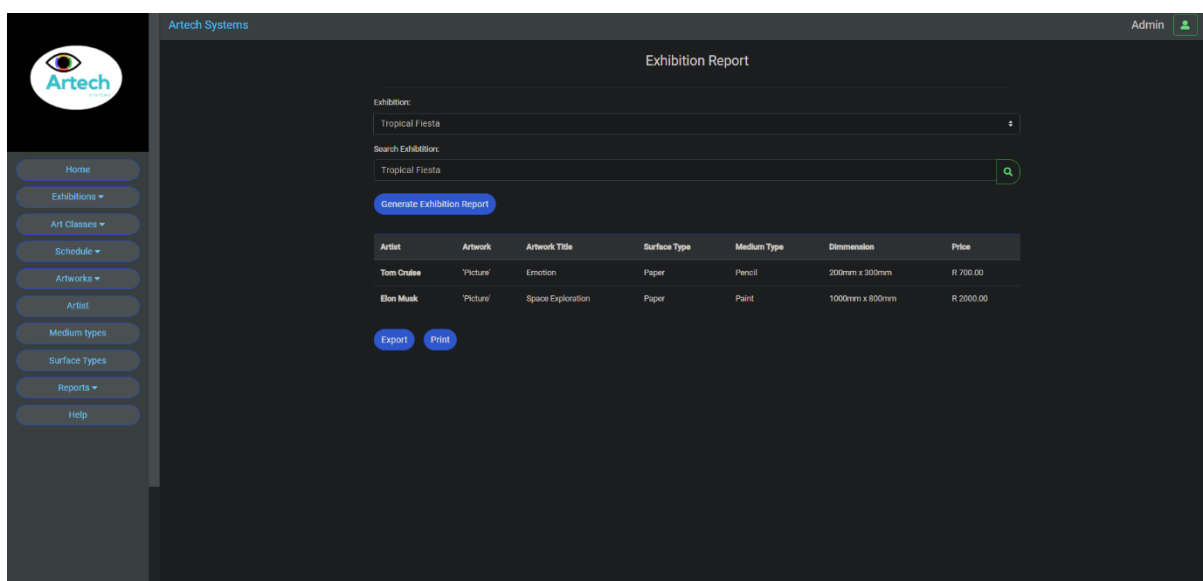


Figure 125: Exhibition Report screen

2.3.5 View Feedback Report screen

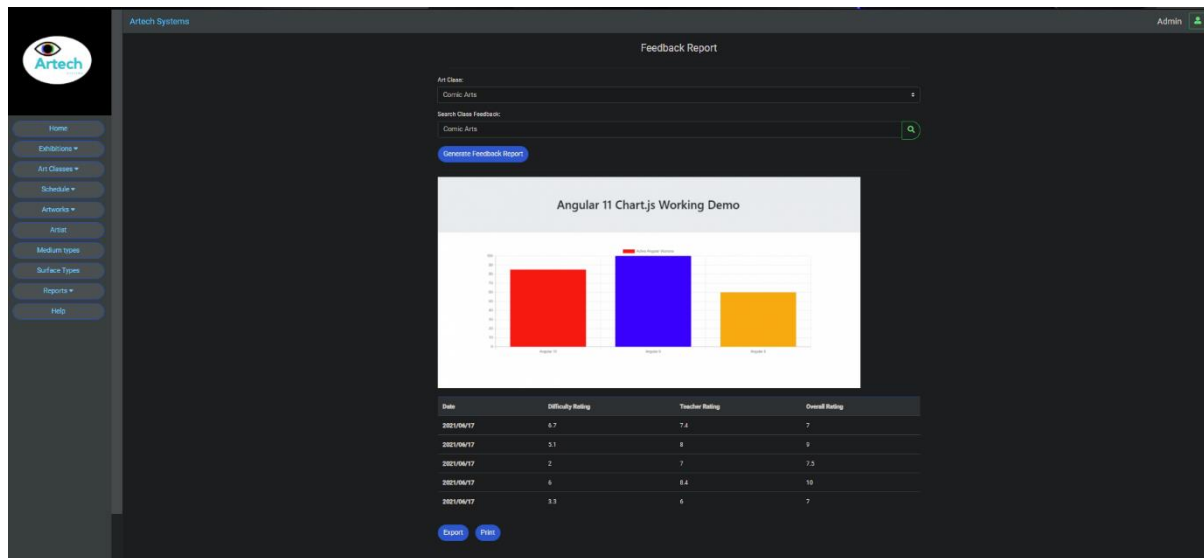


Figure 126: View Feedback Report screen

2.3.6 Report Generated Successful Alert

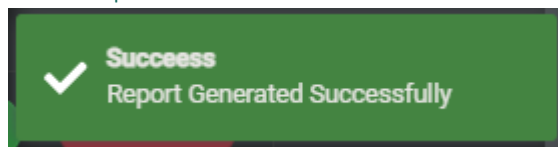


Figure 127: Report Generated Successful Alert

2.3.7 Report Generated Unsuccessful Alert

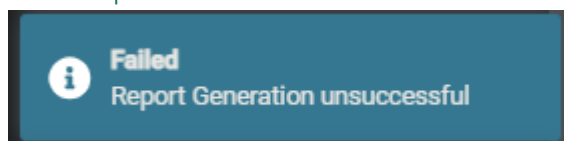


Figure 128: Report Generated Unsuccessful Alert

2.3.8 Report Print Successful Alert

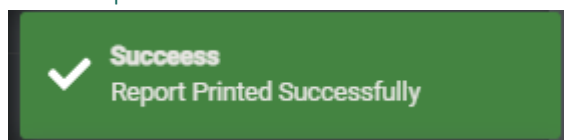


Figure 129: Report Print Successful Alert

2.3.9 Report Print Unsuccessful Alert

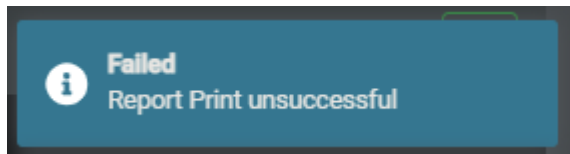
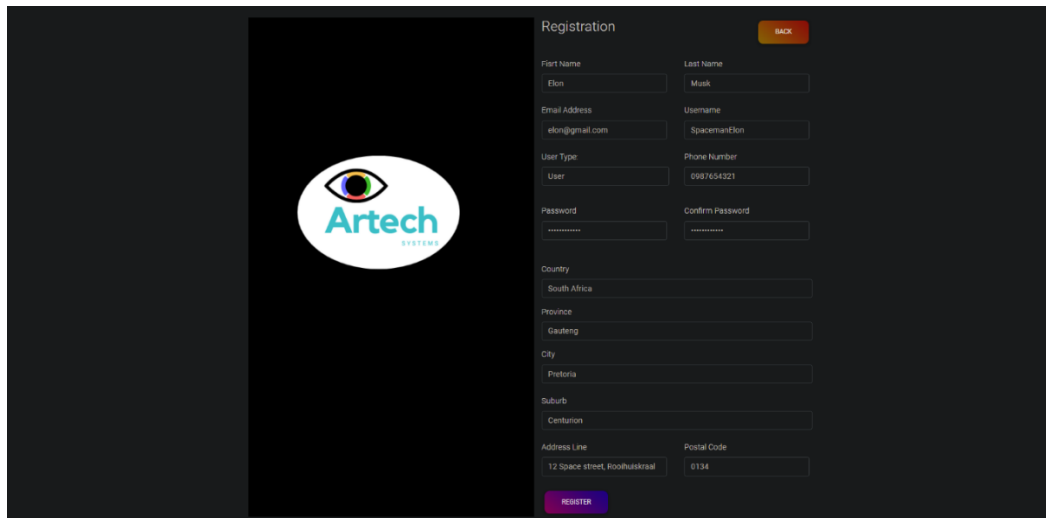


Figure 130: Report Print Unsuccessful Alert

2.4 User Subsystem

2.4.1 User Registration Screen



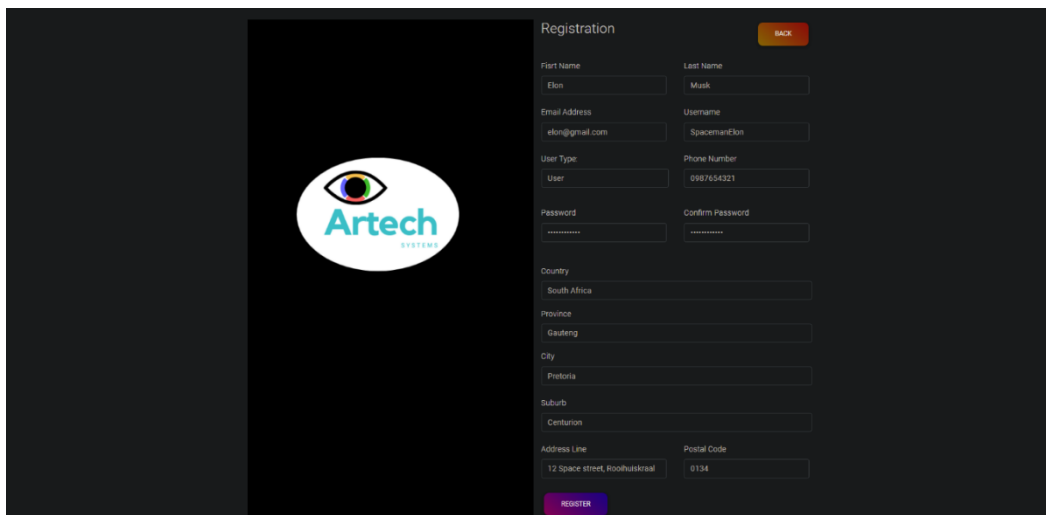
The screenshot shows a 'Registration' form on a dark-themed website. On the left is a large vertical banner with the 'Artech SYSTEM' logo. The form fields are as follows:

Registration	
First Name Elon	Last Name Musk
Email Address elon@gmail.com	Username SpacemanElon
User Type User	Phone Number 0987654321
Password	Confirm Password
Country South Africa	
Province Gauteng	
City Pretoria	
Suburb Centurion	
Address Line 12 Space street, Roodhuskraal	Postal Code 0134
REGISTER	

There is a 'BACK' button in the top right corner of the form area.

Figure 131: User Registration screen

2.4.2 Artist Registration screen



This screenshot is identical to Figure 131, showing the 'Registration' form with the same fields and layout. The 'Artech SYSTEM' logo is visible on the left banner.

Artist
Banking
details
screen

Figure 132: Artist Registration screen

2.4.3 Artist Enter Banking details Screen

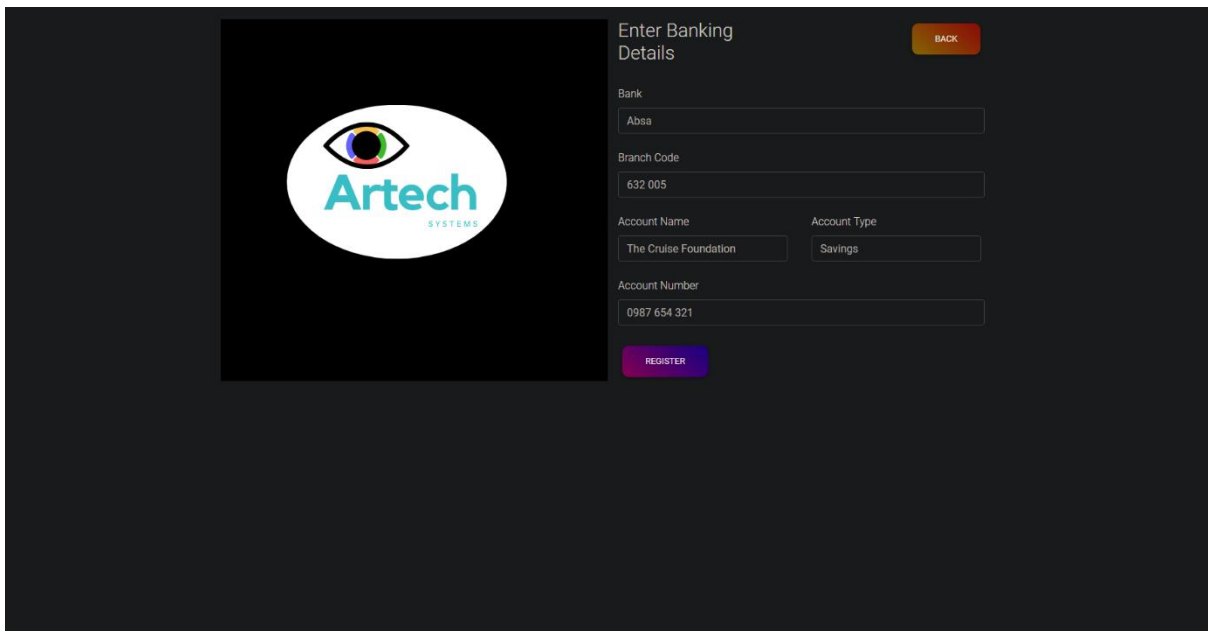


Figure 133: Artist Banking details screen

2.4.4 Confirm Registration Modal

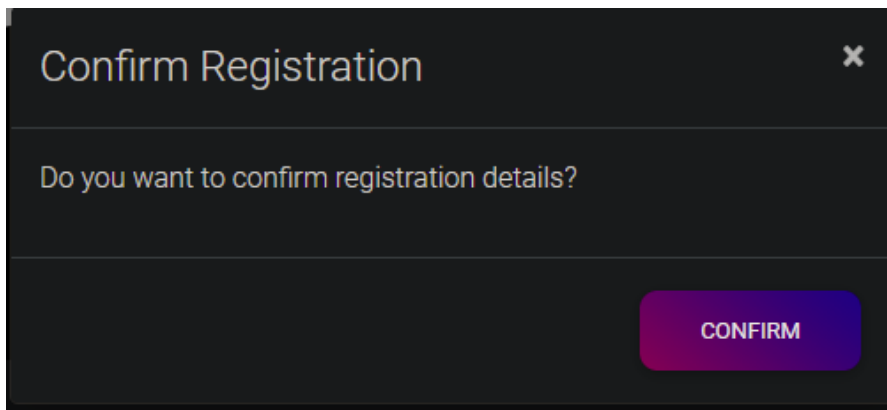


Figure 134: Confirm Registration Modal

2.4.5 Registration successful Alert

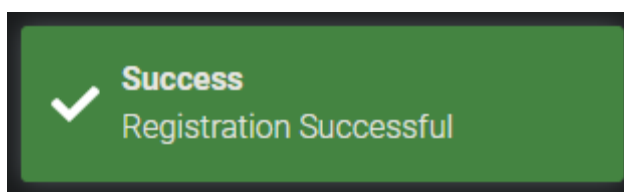


Figure 135: Registration Successful Alert

2.4.6 Registration unsuccessful Alert

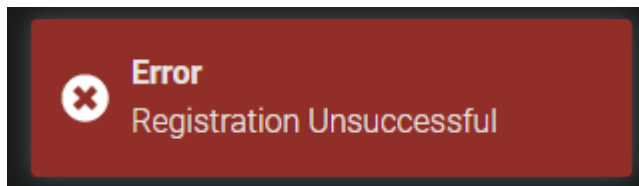


Figure 136: Registration Unsuccessful Alert

2.4.7 Cancel Registration Modal

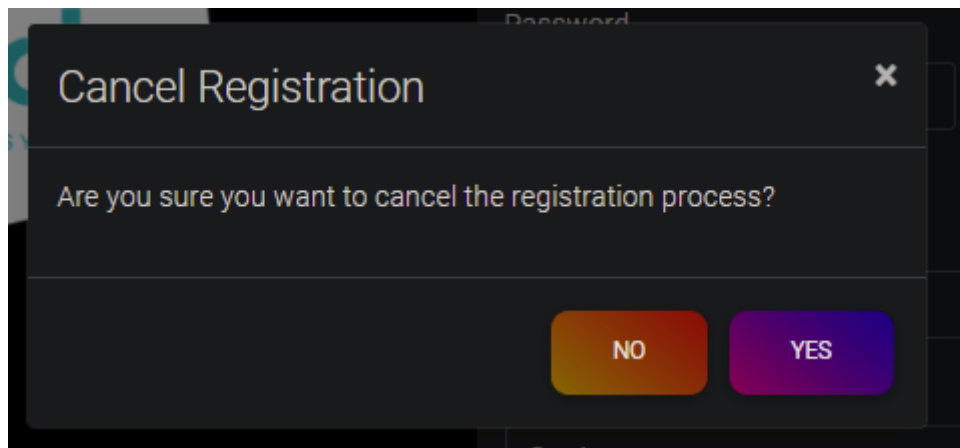


Figure 137: Cancel Registration Modal

2.4.8 Login Screen

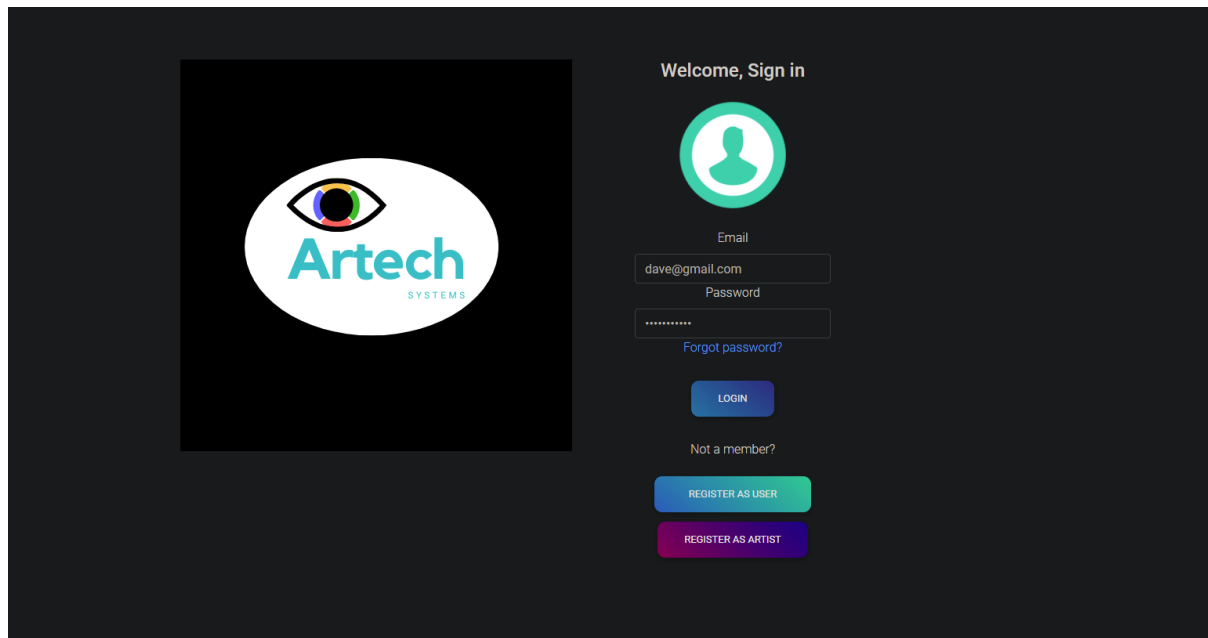


Figure 138: Login Screen

2.4.9 Artist Navigation Bar

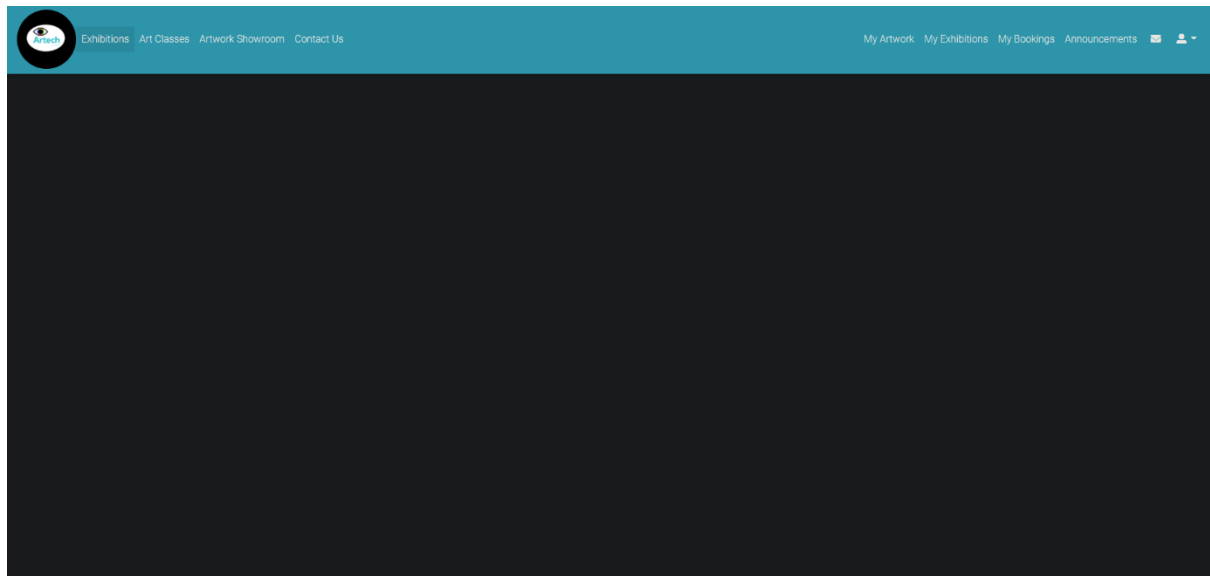


Figure 139: Artist Navigation Bar

2.4.10 User Navigation Bar



Figure 140: User Navigation Bar

2.4.11 Account Dropdown for logout screen

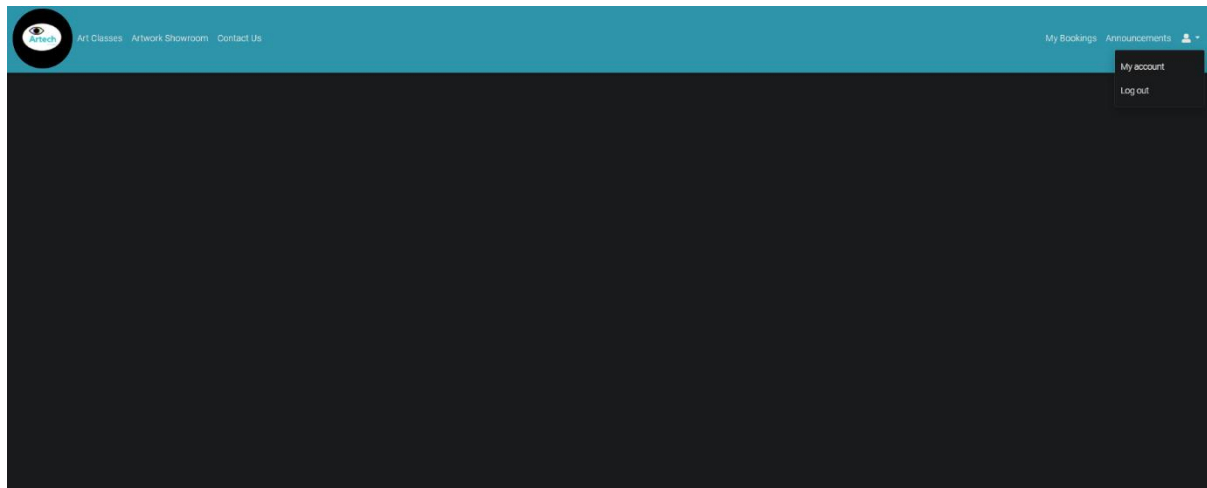


Figure 141: Account Dropdown Screen

2.4.12 Logout Modal

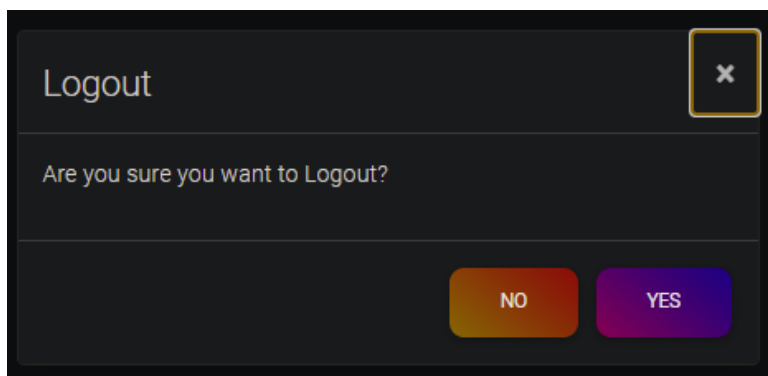


Figure 142: Logout Modal

2.4.13 Forgot Password-Email screen

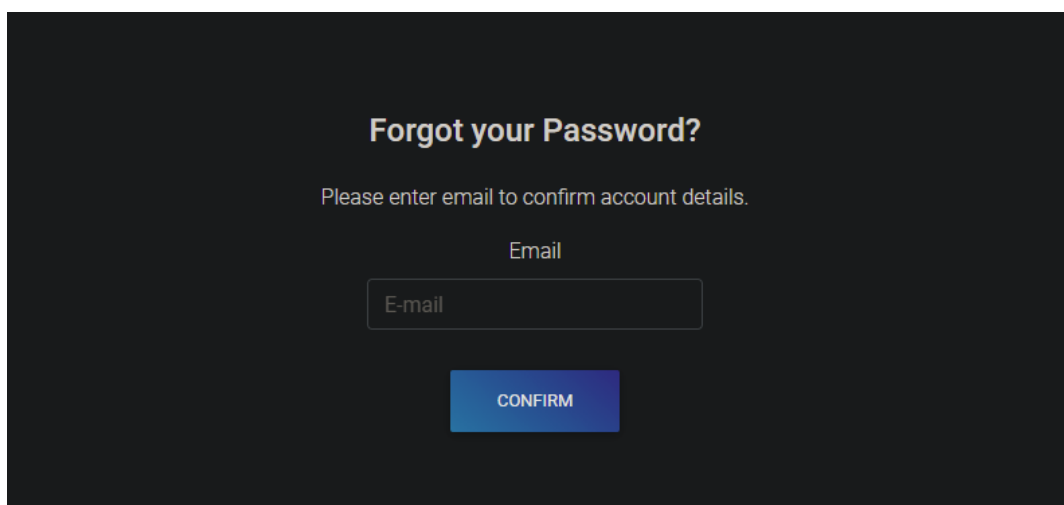
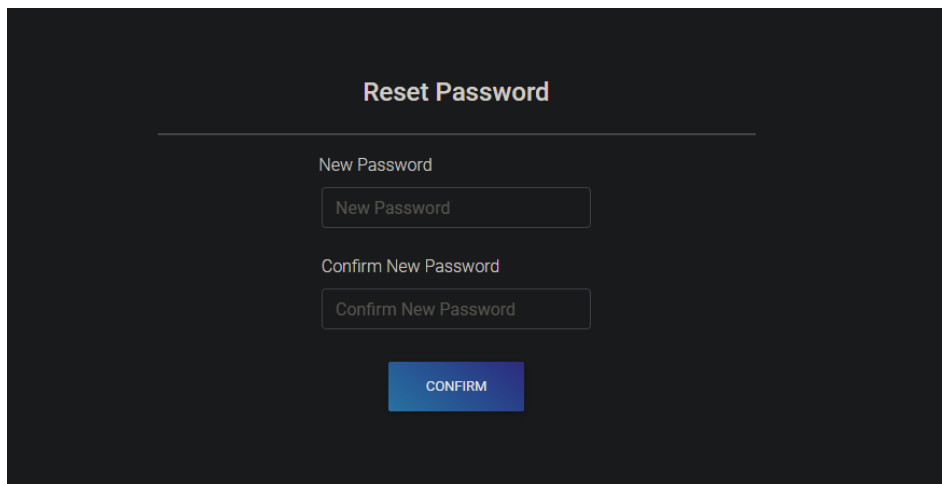


Figure 143: Forgot Password-Email screen

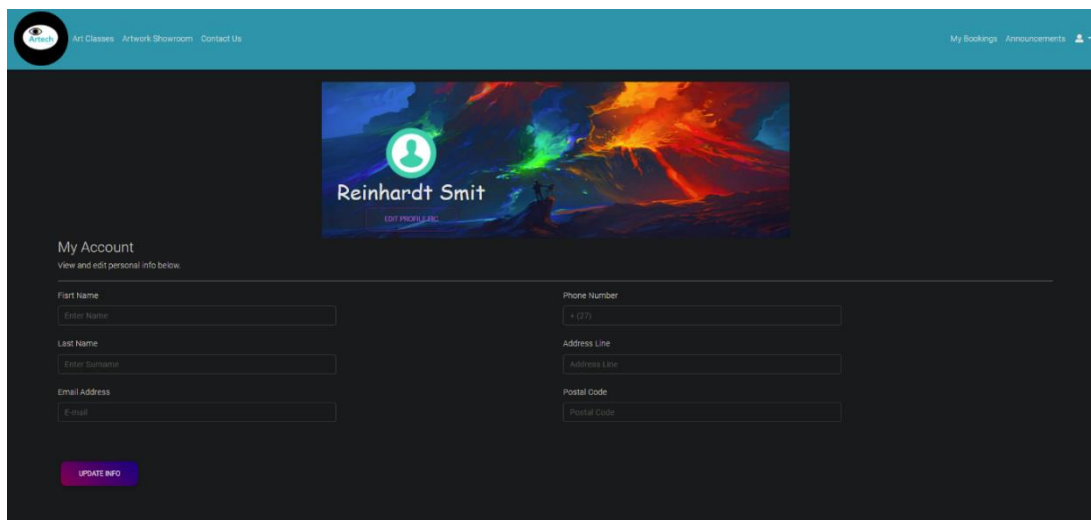
2.4.14 Reset Password Screen



The screenshot shows a 'Reset Password' screen with a dark background. At the top, the title 'Reset Password' is centered. Below it, there are two input fields: 'New Password' and 'Confirm New Password'. A blue 'CONFIRM' button is positioned at the bottom center.

Figure 144: Reset Password-Email Screen

2.4.15 User View My Account screen



The screenshot shows a 'My Account' screen. At the top, there is a navigation bar with links: 'Art Classes', 'Artwork Showroom', 'Contact Us', 'My Bookings', and 'Announcements'. Below the navigation bar, there is a profile section for 'Reinhardt Smit' with a profile picture and an 'EDIT PROFILE' link. The main content area is titled 'My Account' and contains a form with fields for 'First Name', 'Last Name', 'Email Address', 'Phone Number', 'Address Line', and 'Postal Code'. An 'UPDATE INFO' button is located at the bottom left of the form.

Figure 145: User View My Account screen

2.4.16 Update Profile Success Alert

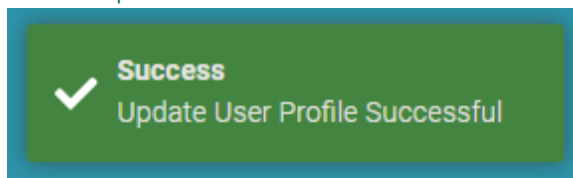


Figure 146: Update User Profile Successful Alert

2.4.16 Update Profile Unsuccessful alert

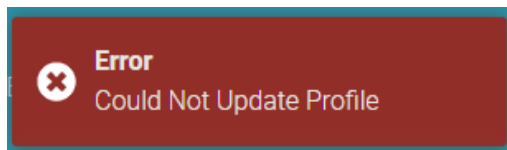


Figure 147: Could not Update profile Alert.

2.4.17 View Announcement screen: User/Artist Screen

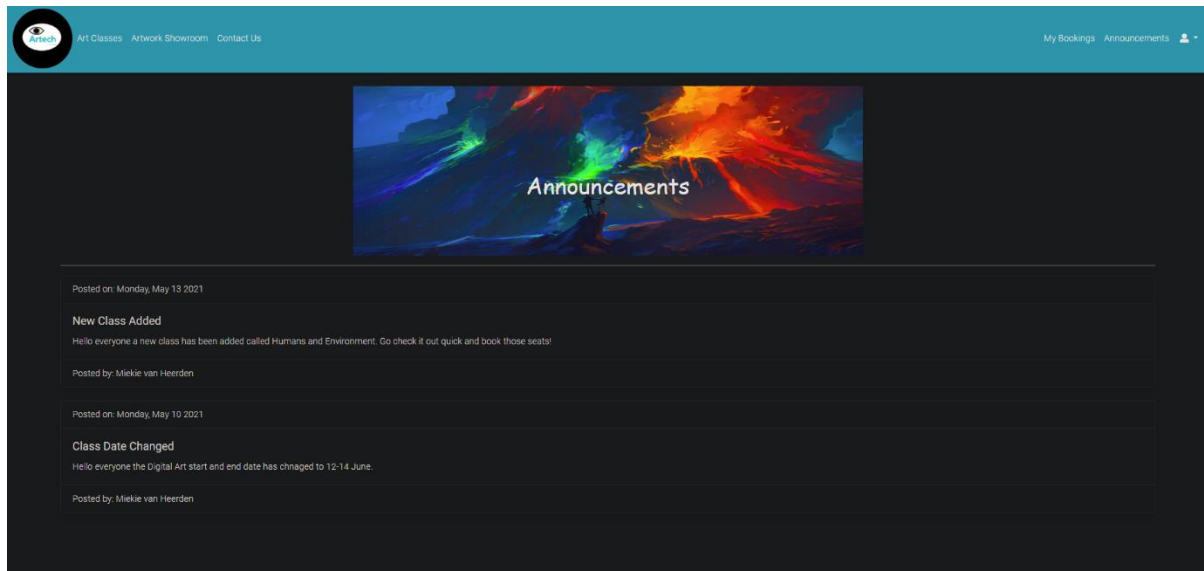


Figure 148: View Announcement screen: User/Artist Screen

2.4.18 View Artwork Showroom: User/Artist screen

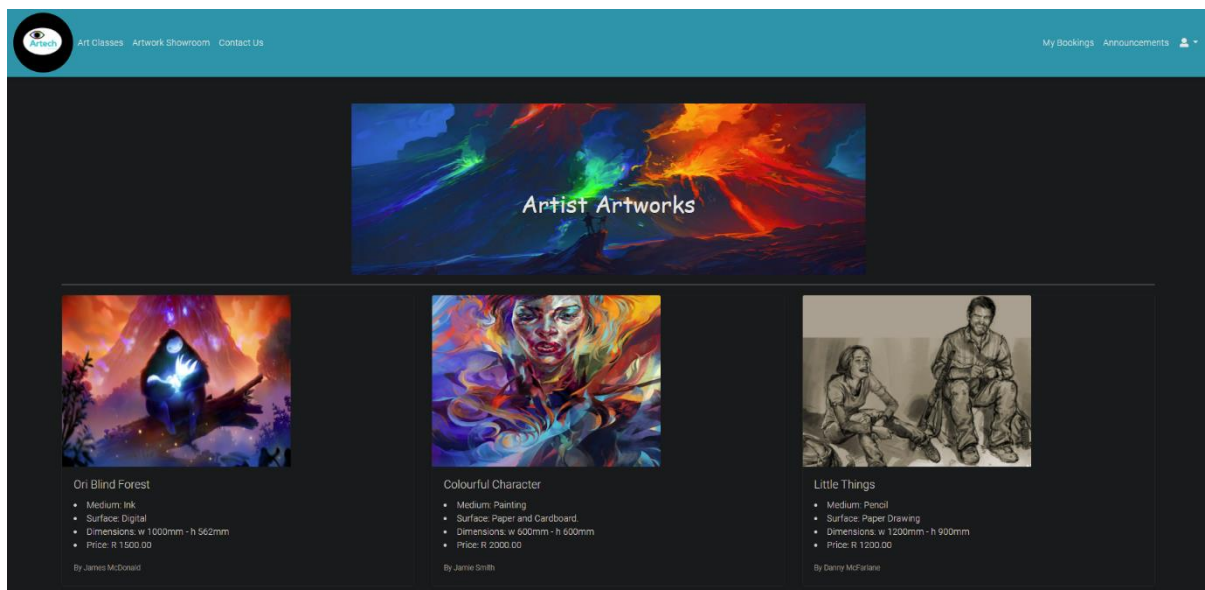


Figure 149: View Artwork Showroom: User/Artist screen

2.4.19 View Contact Details screen

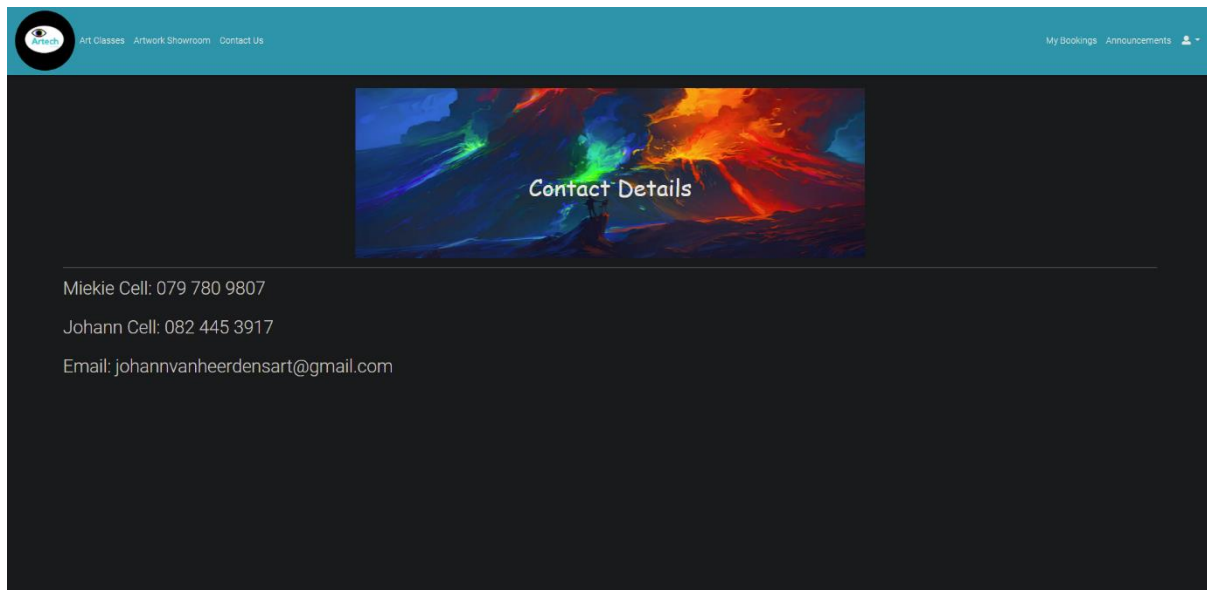


Figure 150: View Contact Details screen

2.4.20 Error Modal

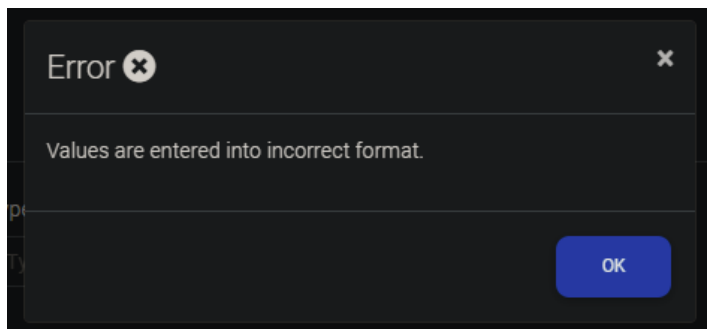


Figure 151: Error Modal

2.5 Artist Subsystem

2.5.1 View All Available Exhibitions

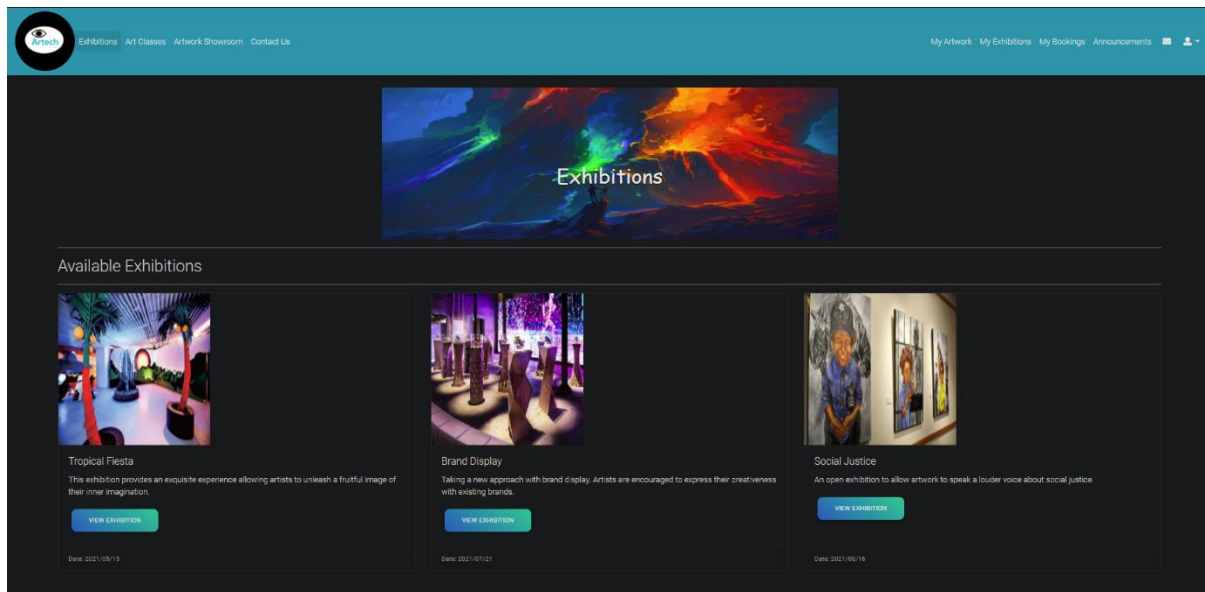


Figure 152: View Exhibition: Artist screen

2.5.2 View Specific Exhibition details

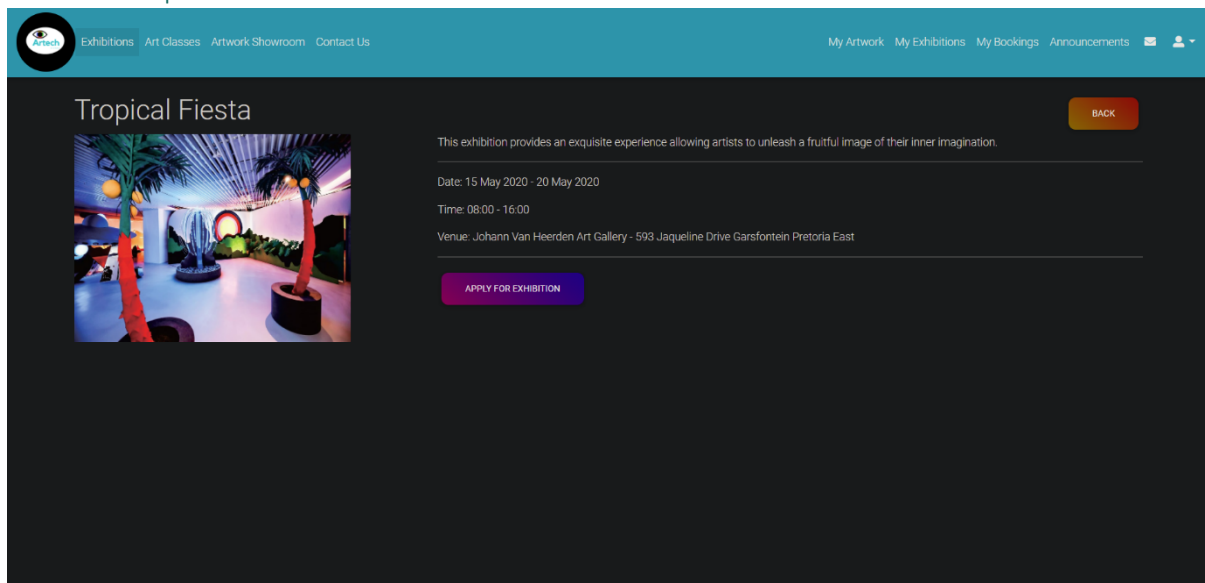
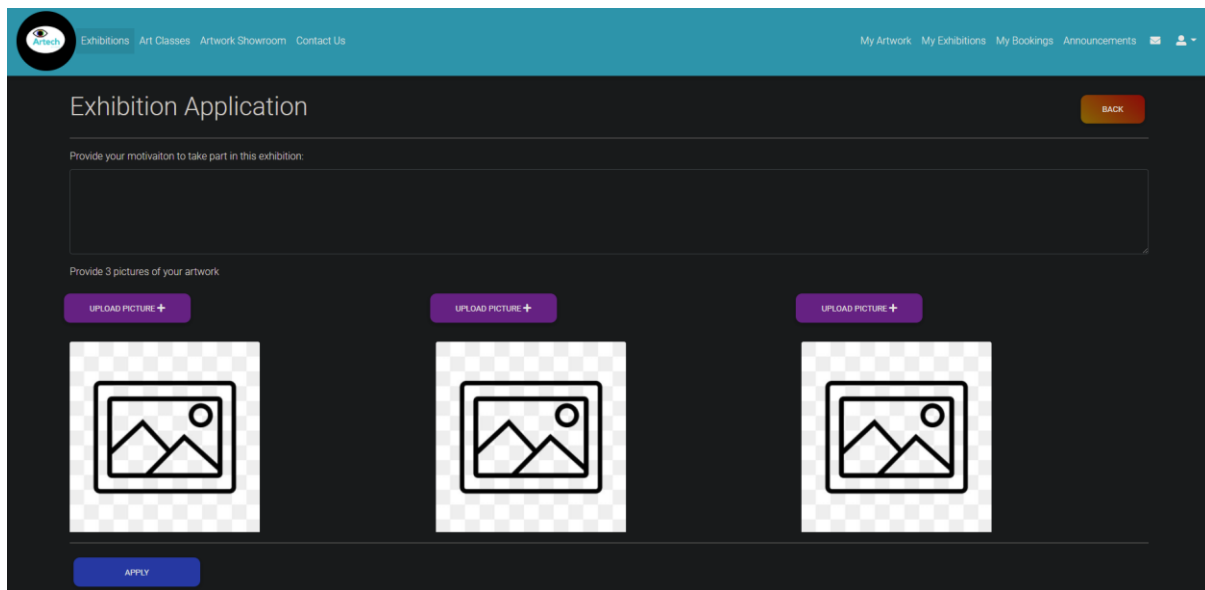


Figure 153: View Exhibition details screen

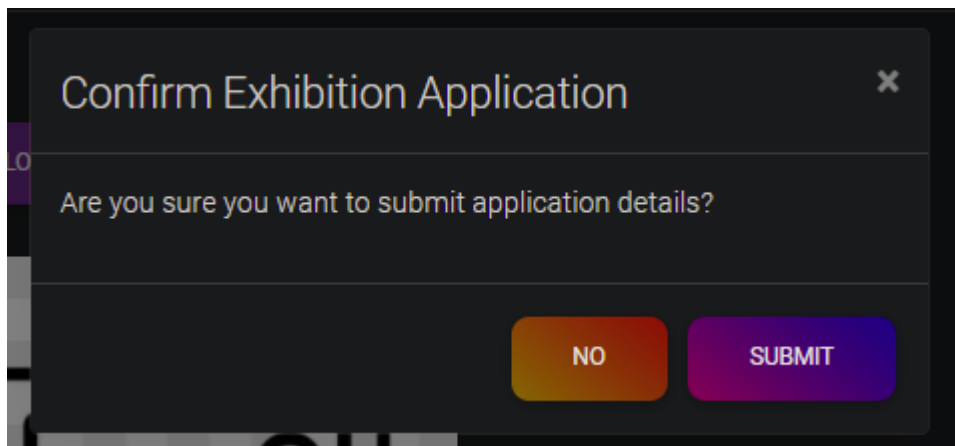
2.5.3 Exhibition Application Screen



The screenshot shows the 'Exhibition Application' screen of the Artech website. The header includes the Artech logo and navigation links: Exhibitions, Art Classes, Artwork Showroom, Contact Us, My Artwork, My Exhibitions, My Bookings, and Announcements. The main content area is titled 'Exhibition Application' and features a 'BACK' button. Below the title, there is a text input field for 'Provide your motivation to take part in this exhibition:'. Underneath, there is a section for 'Provide 3 pictures of your artwork:' with three 'UPLOAD PICTURE +' buttons. Each button is positioned above a placeholder image icon. At the bottom of the form is an 'APPLY' button.

Figure 154: Exhibition application screen

2.5.4 Confirm Application Modal



The screenshot shows a 'Confirm Exhibition Application' modal. The modal has a title bar with a close button (X). The main text asks 'Are you sure you want to submit application details?'. At the bottom, there are two buttons: 'NO' and 'SUBMIT'.

Figure 155: Confirm Application modal

2.5.5 Cancel Application Modal

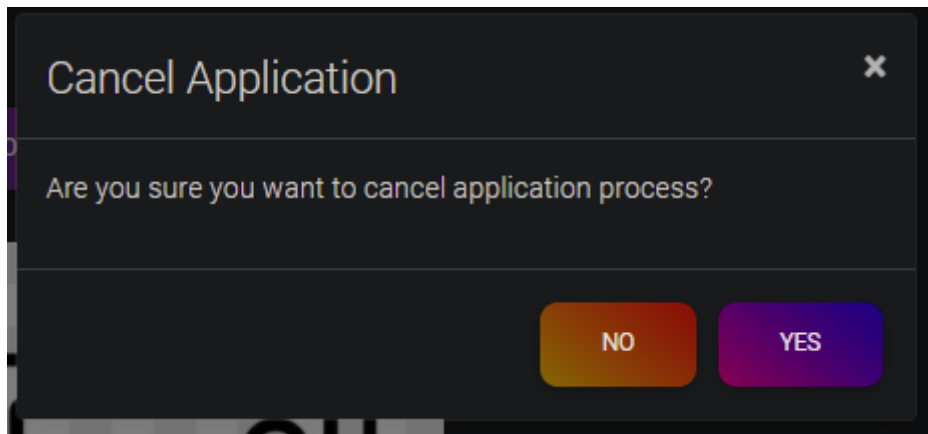


Figure 156: Cancel Exhibition Application modal

2.5.6 Application Successful Alert

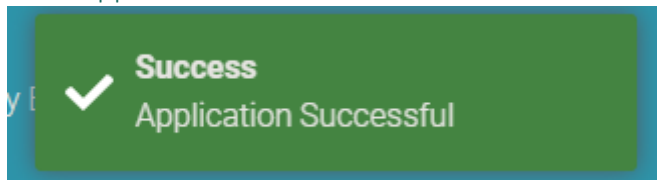


Figure 157: Application Successful alert

2.5.7 Application Unsuccessful Alert

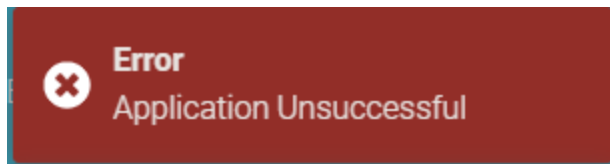
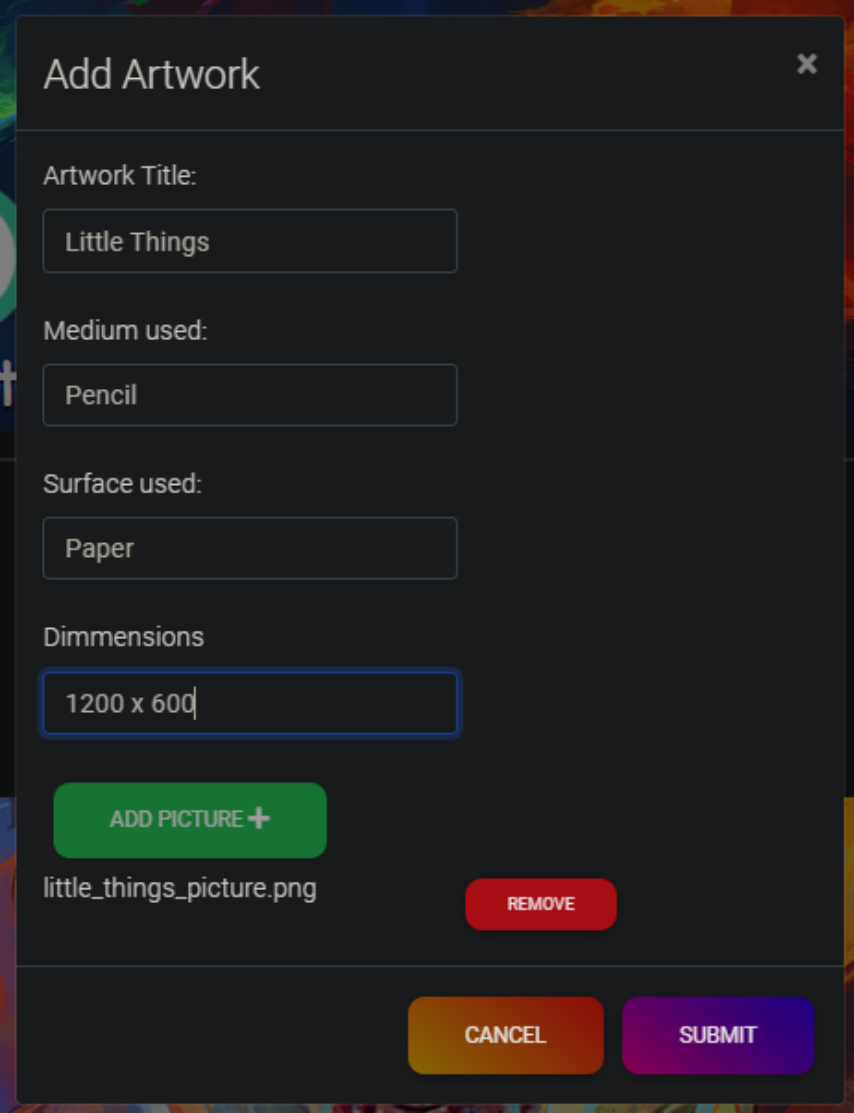


Figure 158: Application Unsuccessful alert

2.5.8 Add Artwork Modal



Add Artwork ×

Artwork Title:
Little Things

Medium used:
Pencil

Surface used:
Paper

Dimensions
1200 x 600

ADD PICTURE +

little_things_picture.png REMOVE

CANCEL SUBMIT

Figure 159: Add Artwork Modal with Data

2.5.9 Artwork successfully added alert.

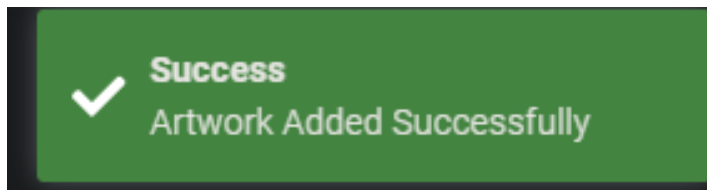


Figure 160: Artwork successfully added alert

2.5.10 Artwork not added alert.

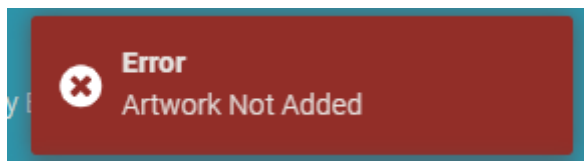


Figure 161: Artwork not added alert

2.5.11 View My Artworks Screen

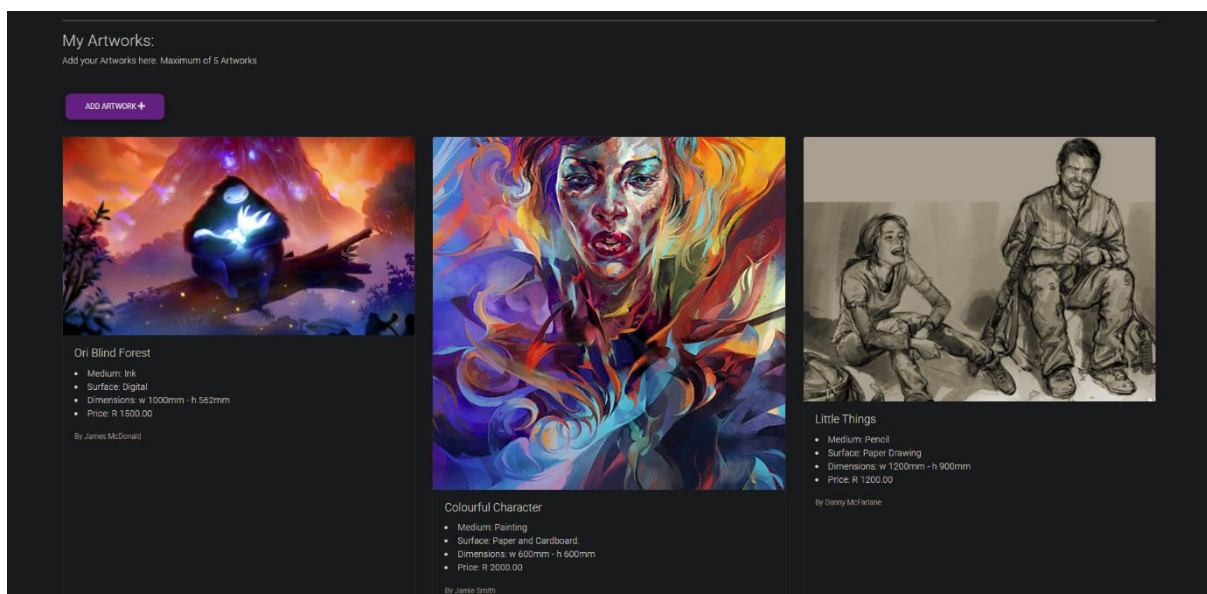


Figure 162: View My Artwork screen

2.5.12 View Artwork Showroom: Artist screen

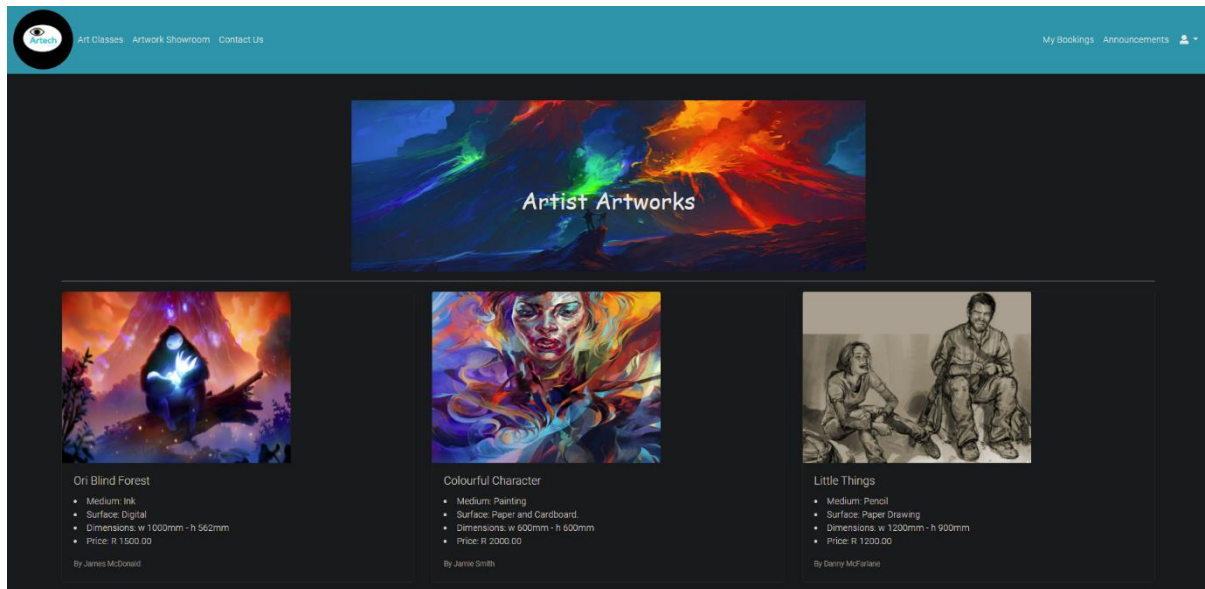


Figure 163: View Artwork Showroom: Artist screen

2.5.13 Artist View My Account Screen

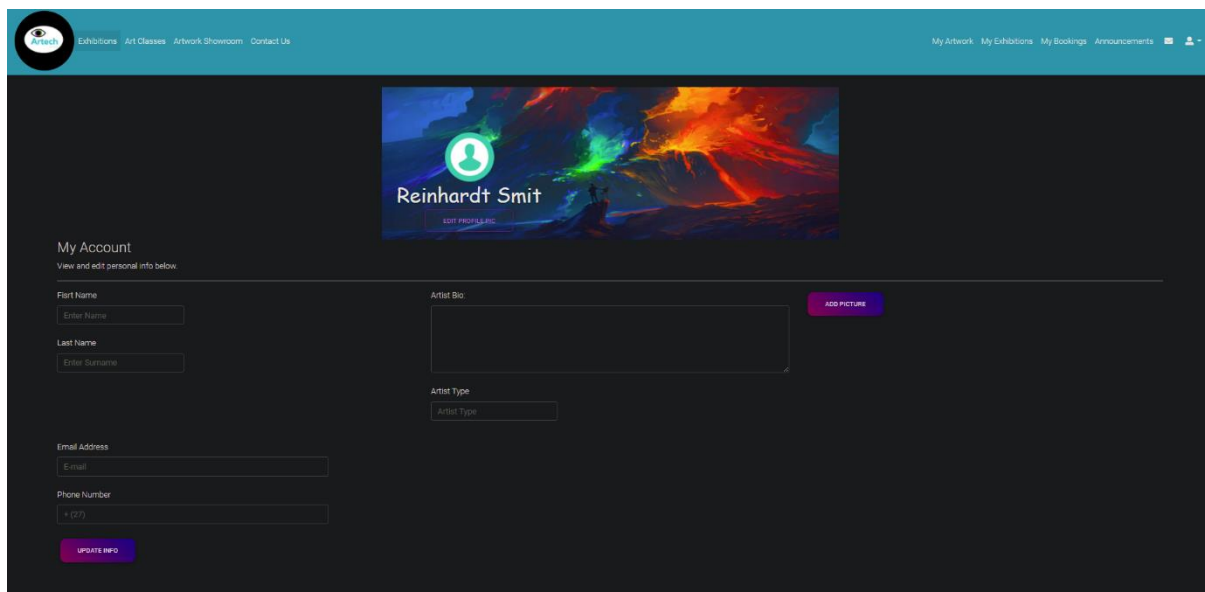


Figure 164: Artist View My Account screen

2.5.14 Update Artist Profile Modal

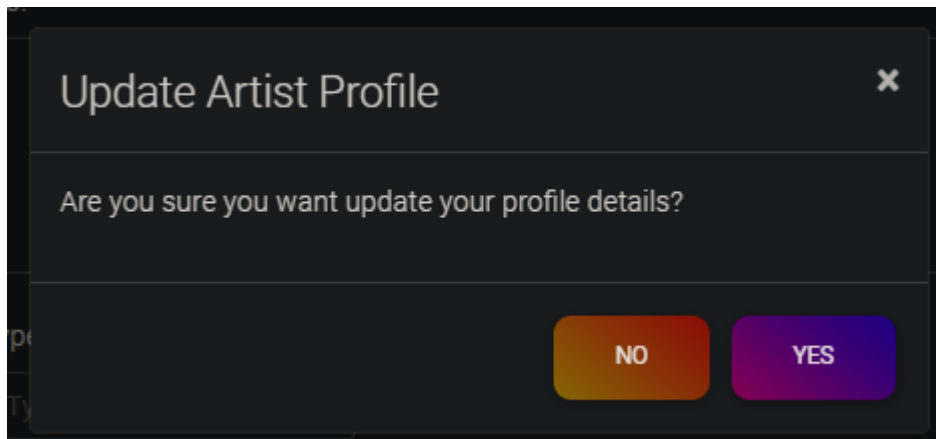


Figure 165: Update User Profile Modal

2.5.15 Update Artist Profile Success Alert

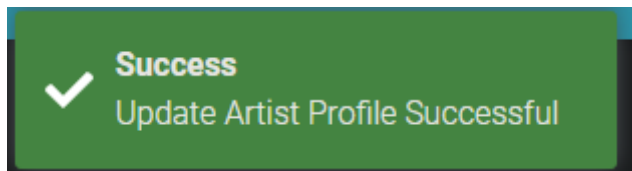


Figure 166: Update Artist Profile Successful Alert

2.5.16 Update Artist Profile Unsuccessful Alert

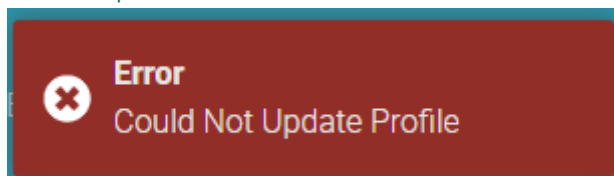


Figure 167: Update Artist Profile Unsuccessful Alert

2.5.17 Exhibition Invitation screen

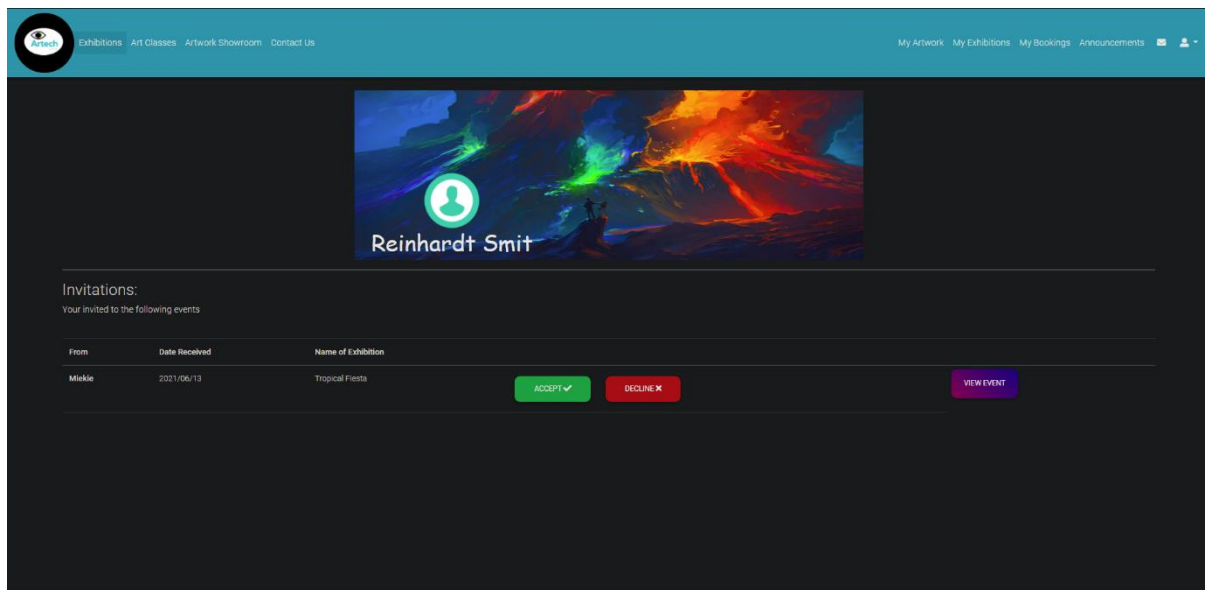


Figure 168: Exhibition Invitation screen

2.5.18 View Accepted Applications screen

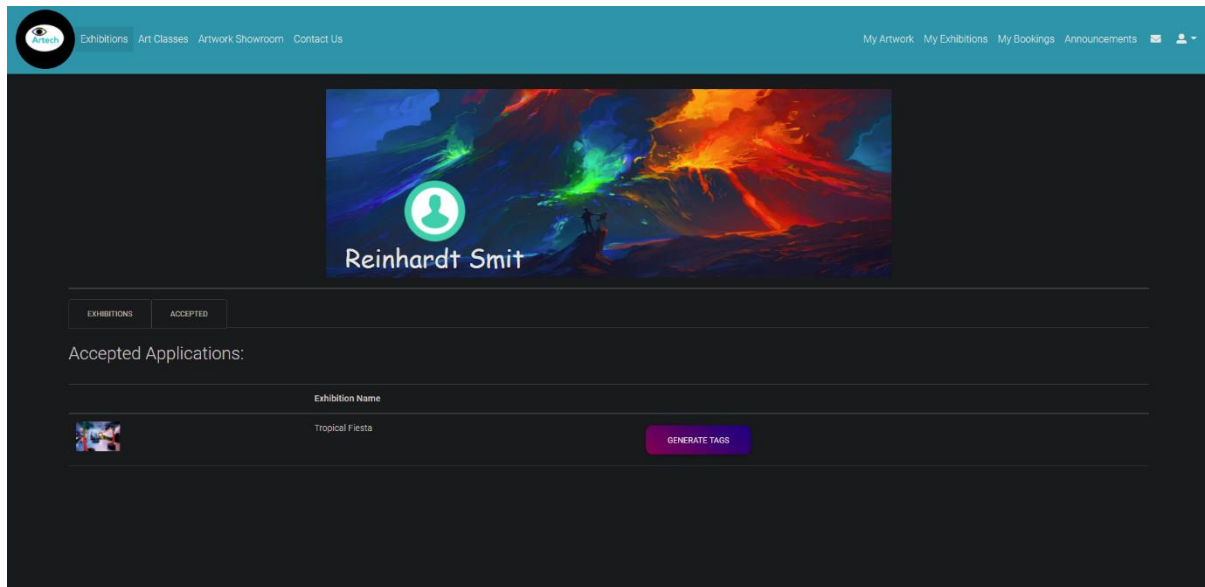


Figure 169: View Accepted Applications screen

2.5.19 Generate Tags Screen

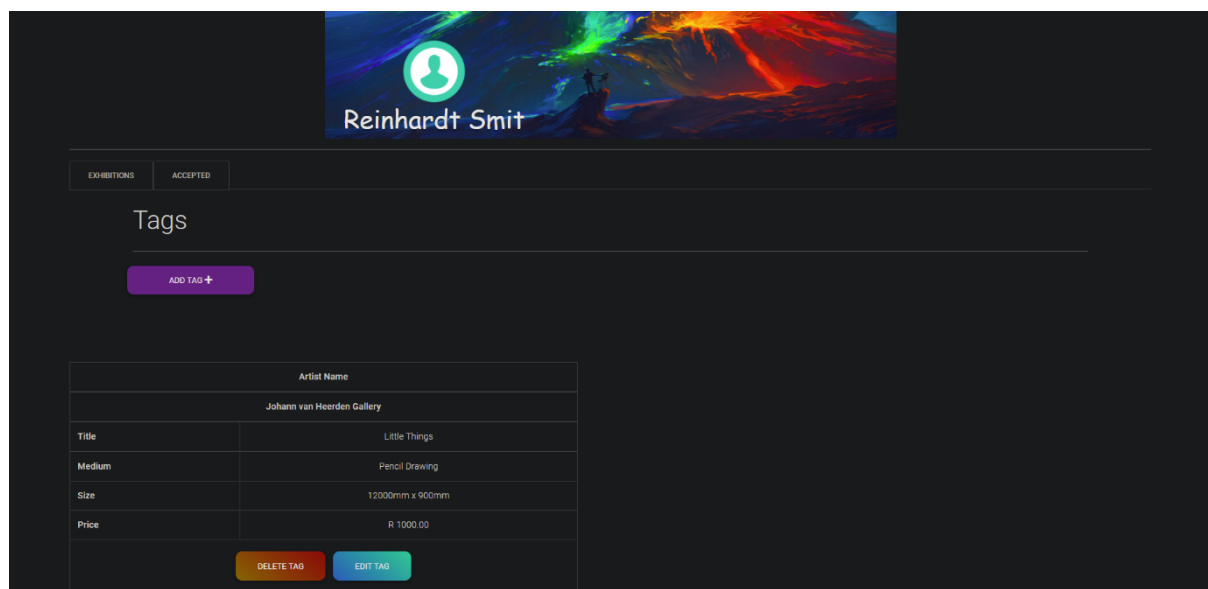
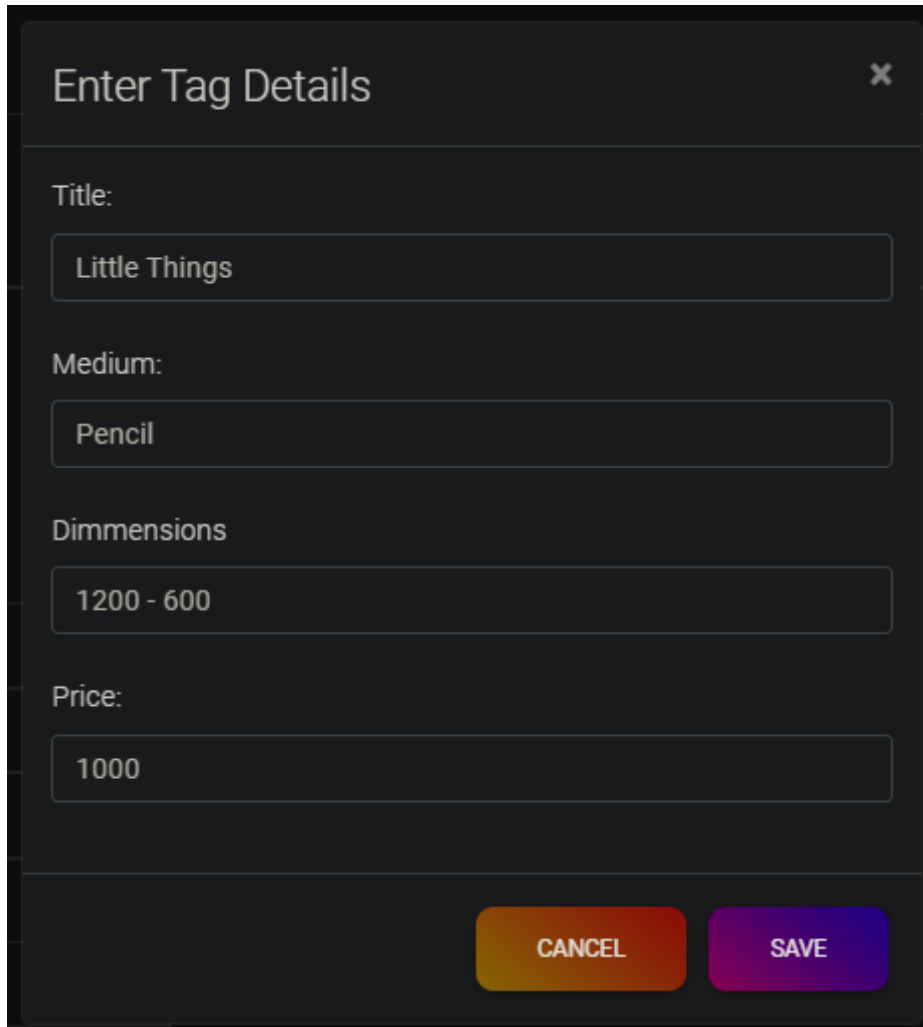


Figure 170: Generate Tags screen

2.5.20 Enter Tag Details Modal



The modal is titled "Enter Tag Details" and has a close button (X) in the top right corner. It contains four input fields with the following labels and values:

- Title:** Little Things
- Medium:** Pencil
- Dimensions:** 1200 - 600
- Price:** 1000

At the bottom right, there are two buttons: "CANCEL" (orange) and "SAVE" (purple).

Figure 171: Enter Tag Details Modal

2.5.21 Tag Added Successfully Alert

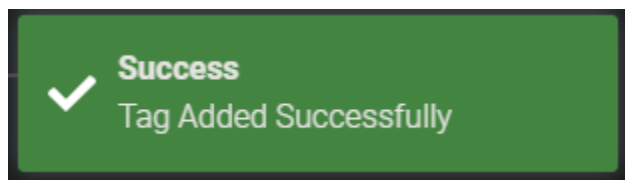


Figure 172: Tag Added Successfully alert

2.5.22 Could Not Add Tag Alert

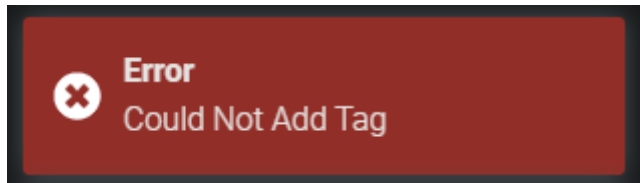


Figure 173: Could Not add Tag alert

2.5.23 Delete Tag Modal

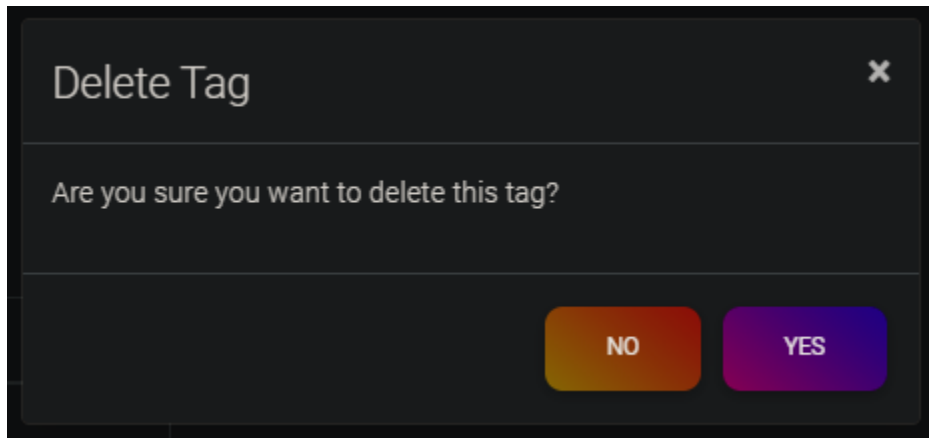


Figure 174: Delete Tag Modal

2.5.24 Tag Successfully deleted Alert

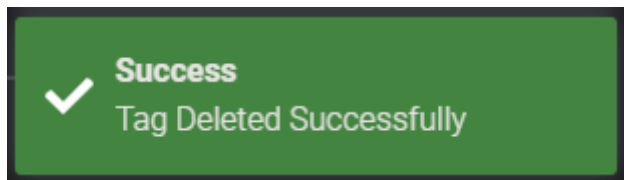


Figure 175: Delete Tag Alert

2.5.25 Could Not Delete Tag Alert

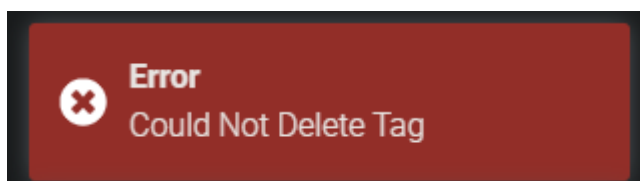


Figure 176: Could not delete tag

2.5.26 View My Exhibitions Alert

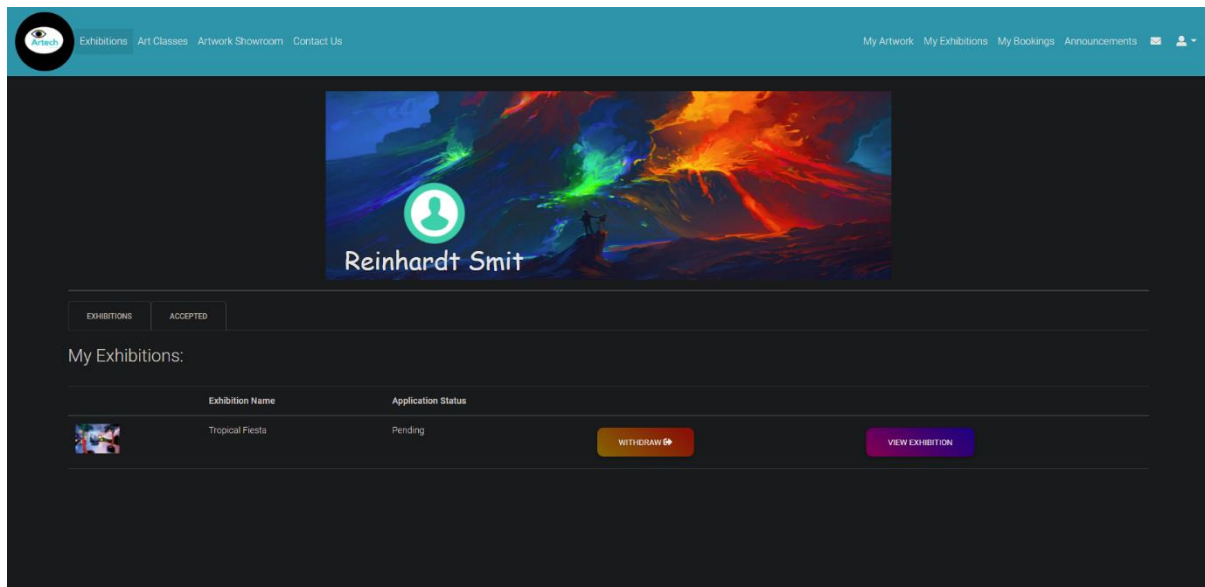


Figure 177: View My Exhibitions Alert

2.5.27 Withdraw Modal

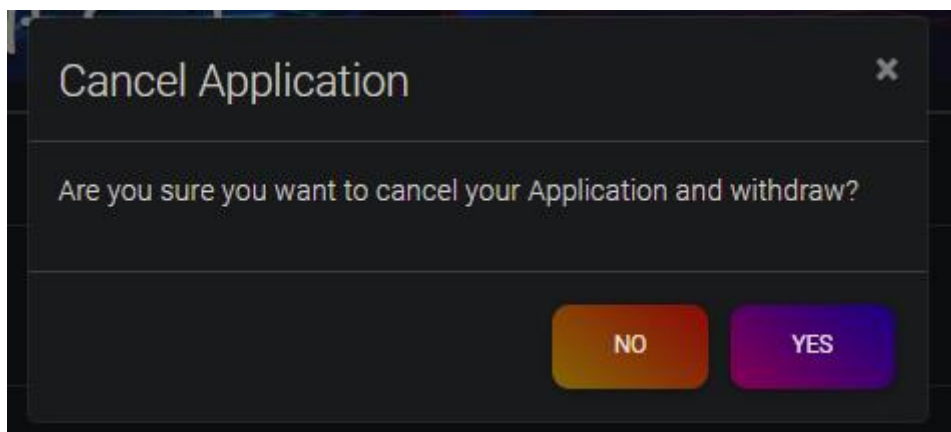


Figure 178: Withdraw Modal

2.5.28 Cancel Exhibition Application Success alert

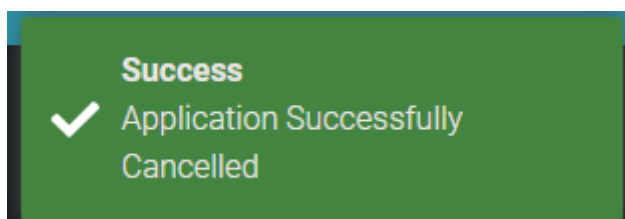


Figure 179: Cancel Exhibition Application Success alert

2.5.29 Could not Withdraw application alert

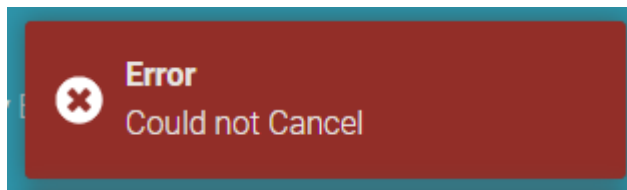


Figure 180: Could not Withdraw application alert

2.5.30 Input Error Modal

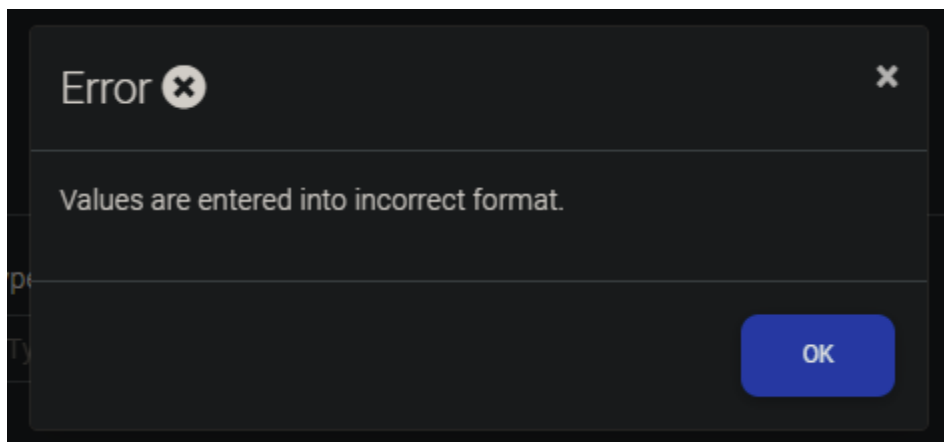


Figure 181: Input Error Modal

9. Sign off by Client

Deliverable Name: System Requirements

Deliverable Number: 3

Delivered on Date: 2021/06/20

Client name: Johann van Heerden Art Gallery

Approving Client Representative: Miekie Lourens

Project Leader: Dean Botha

Deliverable Approval

Signing off this document signifies that the client is satisfied with the deliverables listed above. The client acknowledges the accuracy of all aspects related to the Gallery. The client is also satisfied in the way we approached the proposed system and how we have worked together with the client in a respectful and efficient manner.

Client Signature



Project Leader Signature



Signed on: 10 April 2021

10. Complexity

Topic	Level		Marks	MAX
1. Special GUI	For online applications: Responsive web design For desktop applications: Form design according to design principles (Schneiderman's golden rule on navigation applies here)	*	3	40
	Appropriate use of grids/tables	✓	3	
	Appropriate use of tabs/links	✓	3	
	Use of graphs in an appropriate business context	✓	4	
	The storage and display of graphical information, like photos with a good business reason	✓	3	
	Working e-mail automatically generated from the database in an appropriate business context	✓	2	
	Extensive user-friendly search facility	✓	3	
	At least one use of a tree to display data from the database	✓	3	
	Able to dynamically modify a data tree structure and in doing so adjusting the data in the database	✓	4	
	At least one use of a calendar view of data (not a date/time picker; not a plug-in such as Google calendar)	✓	3	
	Uploading a file into the system with appropriate business reason	✓	3	
	The use of audio/video in an appropriate business context	✓	3	
	At least one use of an administrator configurable timer in an appropriate business context	✓	3	
2. Database access	At least 30 tables used (4 member groups) or 40. tables used (5 member groups)	*	6	15
	Full referential integrity on all tables	*	6	
	At least one use of master-detail table relationships (Schneiderman's golden rule on system status applies here)	*	3	
3. Reports	At least 3 simple list reports in a reporting tool (no control breaks, no graphs, single table)	*	3	15
	At least 2 transactional report with 2 or more control breaks (with heading and calculated values/totals, multiple tables)	*	6	
	At least 1 report with adjustable criteria	✓	3	
	At least 1 management report using a graph	✓	3	
4. Flexibility	All data that can change in future should not be hard coded but maintained in a sub-module of the system (e.g. Lookup tables)	✓	6	12
	Some business rules are not hard coded but maintained in a sub-module of the system.	✓	6	
5. Error handling	All system-generated errors are trapped, and consistent, user-friendly error messages are displayed	✓	6	12
	Appropriate data validation on all input fields	✓	6	
6. Help	At least one menu item or other control that opens up a complete help document (HTML, PDF, Help-file)	✓	3	15
	Extensive context-sensitive help. E.g. calling Help on a specific screen/function will automatically open the specific help for that screen/function.	✓	6	

Topic	Level		Marks	MAX
	Search Facility on Help	✓	3	
	Extensive use of hints	✓	3	
7. Security	Logon screen with user ID and password and fixed user profiles	✓	3	13
	Applying two factor authentication with applicable business reason.	✓	3	
	Encrypted passwords in database	*	1	
	Flexible user profiles (i.e. you can dynamically add user profiles that will enable/disable access to certain parts of the system)	✓	6	
8. Deployment	For an online application: Deployment of application to a publicly accessible web server	✓	3	6
	Deployment of the database to a remote database server	✓	3	
9. Backup and Restore	A backup and restore subsystem exists that backup/restore all data (system may exit during restore)	✓	3	3
10. Import/Export Data	Able to open Word or Excel and automatically place data in it based on the parameters provided (with a good business reason)	✓	6	6
11. External APPLICATION / Services	Integrate an existing web service into your application (with good business reason)	✓	3	3

Topic	Level		Marks	MAX
12. Multiplatform processing for an appropriate business reason	Appropriate business use of static views on an alternative platform.	✓	3	18
	Appropriate use of dynamic views on an alternative platform (i.e. data is displayed from the system's database)	✓	3	
	Appropriate use of substantial dynamic views on an alternative platform (i.e. both reading and writing data from the system's database)	✓	9	
	Uploading a file through an alternative platform onto the system's database.	✓	3	
15. Programming Principles	The use of a data layer to facilitate interaction between your database and your business layer	✓	3	12
	The use of an API to facilitate interaction between your business layer and your presentation layer	✓	6	
	Comprehensive use of stored procedures and/or triggers and/or jobs.	✓	3	

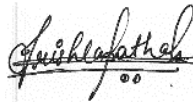
11. General

Introduction

This section proves that the team members stated below has read and agrees with the information stated within this document. By signing, each member gives proof that he/she is satisfied with the contents of this document and that he/she has contributed a fair share of content to this document.

11.1 Team Sign-Off

I,

Full name	Student number	Date	Signature
Dean Botha	u18002197	5/16/2021	
Trishla Pathak	u18198644	5/16/2021	
Reagile Matloga	u18201696	5/16/2021	
Gamuchirai Dambanjera	u17272522	5/16/2021	
Reinhardt Smit	u18131451	5/16/2021	

, declare and agree that I am satisfied and contributed to the content of this deliverable and produced work of a professional matter and high standards.

Conclusion

In conclusion, this section consists of the signatures of each team member as a sign of their recognition and approval regarding the content of this deliverable.

12. Document Conclusion

This concludes the second deliverable of the proposed system. This deliverable aimed to provide a broad overview of the functional specifications of each use case, along with descriptions, data models and data flow diagrams. The document is finalised with the client sign-off, group sign-off and the complexity matrix