



Course Assignment

Only for course Teacher						
		Needs Improvement	Developing	Sufficient	Above Average	Total Mark
Allocate Mark & Percentage		25%	50%	75%	100%	5
Content Quality	2					
Clarity	1					
Spelling & Grammar	1					
Organization and Formatting	1					
Total obtained mark						
Comments						

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Batch: 40

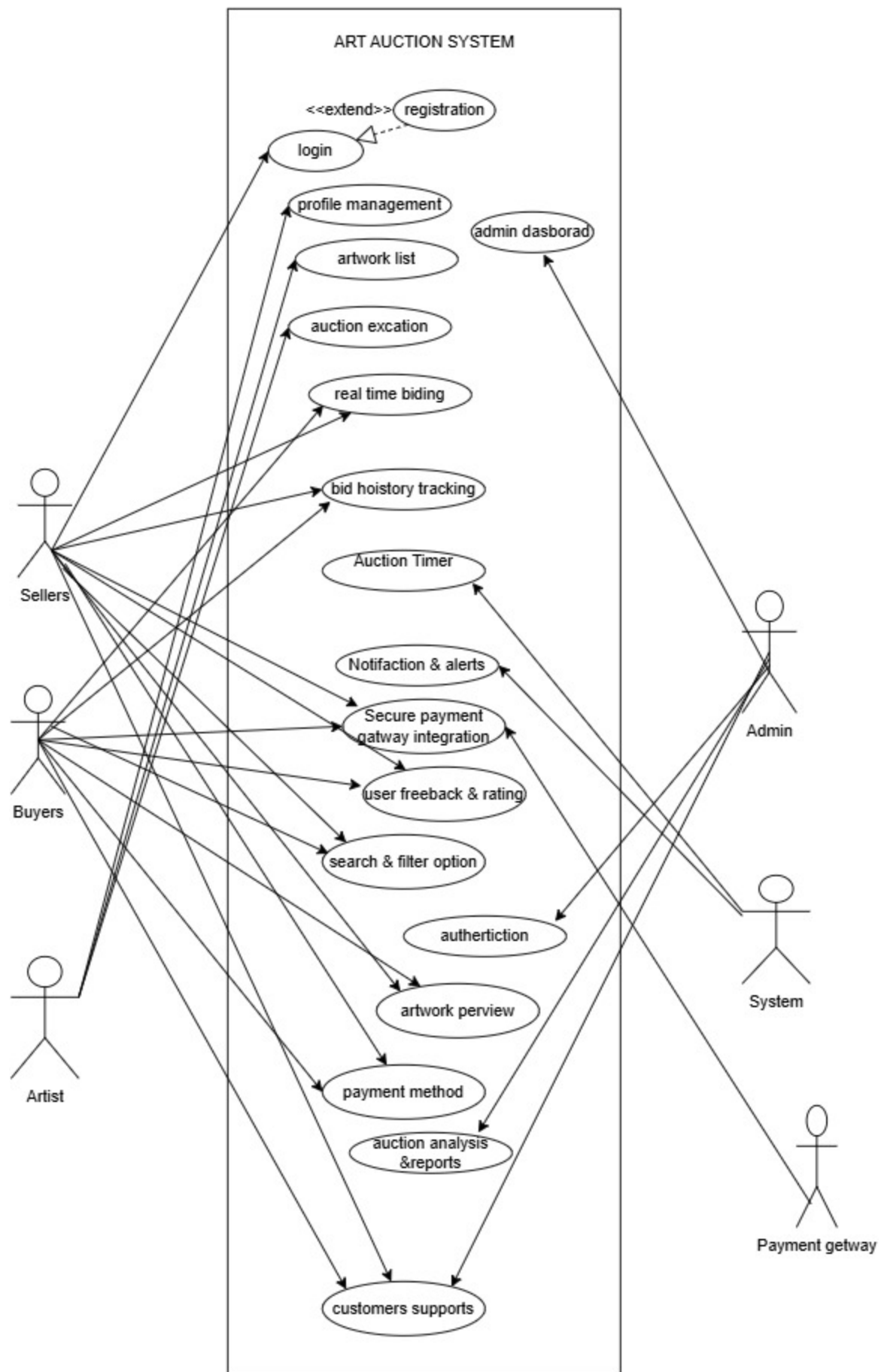
Section:B2

Course Code: SE231

Course Name: System Analysis & Design Capstone Project

Course Teacher Name: Aklema Akther Shorna

Lecture, SWE Department



Case Description-01: Registration

Field	Details
Use Case	Registration
Goal	Users can register to sign in to the system.
Precondition	Users must install the Hotel Management app for registration.
Success End Condition	Notification: !!!Successfully Registered!!!
Failed End Condition	Notification: "Submission Not Submitted"
Primary Actors	Customer
Secondary Actors	N/A
Trigger	User will request a registration form to fill up.
Description / Main Success Scenario	<ol style="list-style-type: none">1. Press "Registration" Button2. Provide registration form3. Enter Information4. Press "Submit" Button5. Information saved6. The system saves the details and shows them !!!Successfully Registered!!! Notify
Alternative Flows	<ol style="list-style-type: none">1.1 System Error1.1 Try Again!!2.1 System Doesn't work.2.1.a Try Again Later!4.1 The user Did not fill up the details!4.1.a Checked By the system & Notify by "Please! Fill Up the Box".5.1 The system did not respond5.1 Show Error Message.6.1 The system Doesn't save the details.6.1.Notification: "Details did not Save"
Quality Requirements	The user Will fill up all the details in 30 minutes.

Case Description-02: Login

Use Case	Login
Goal	Users can enter the system by the login.
Precondition	Users must have to be registered First.
Success End Condition	Notification: “Login Successful”
Failed End Condition	Notification: “Login Failed!!”
Primary Actors	Customer, Manager
Secondary Actors	Admin
Trigger	The user will request a login to enter the system.
Description / Main Success Scenario	
	1. User enters username and password
	2. Press the "Login" button
	3. The system validates credentials
	4. User enters the system successfully
Alternative Flows	1.1 Invalid credentials
	1.1 Show "Invalid username/password"
	2.1 System error
	2.1.a Retry login later
Quality Requirements	The login process should not take more than 10 seconds.

Case Description-03: Artist Profile Management

Use Case	Artist Profile Management
Goal	Users can manage their artist profile
Precondition	User must be logged in
Success End Condition	Profile saved successfully
Failed End Condition	Profile save failed
Primary Actors	Artist
Secondary Actors	N/A
Trigger	User edits their profile information and saves changes.
Description / Main Success Scenario	1. User navigates to profile page
	2. Update necessary fields 3. Press "Save" button 4. Profile is updated successfully
Alternative Flows	1.1 User enters incomplete details 1.1 Show validation error
Quality Requirements	Profile updates should be reflected within 5 seconds.

Case Description-04: Artwork Listing

Use Case	Artwork Listing
Goal	Artists can list their artworks
Precondition	User must be logged in and have artwork ready
Success End Condition	Artwork listed successfully
Failed End Condition	Artwork listing failed
Primary Actors	Artist
Secondary Actors	N/A
Trigger	User submits their artwork for listing.
Description / Main Success Scenario	<ol style="list-style-type: none">1. User navigates to artwork submission page2. Upload image and details3. Press "Submit" button4. Artwork listed successfully
Alternative Flows	<ol style="list-style-type: none">1.1 File upload error1.1.Retry upload
Quality Requirements	Artwork should be listed within 3 minutes of submission.

Case Description-05: Auction Creation

Use Case	Auction Creation
Goal	Artists can create an auction for their artworks
Precondition	Artist must be logged in and artwork must be listed
Success End Condition	Auction created successfully
Failed End Condition	Auction creation failed
Primary Actors	Artist
Secondary Actors	Admin
Trigger	Artist creates an auction for listed artwork.
Description / Main Success Scenario	<ol style="list-style-type: none">1. Artist navigates to auction creation page2. Selects artwork3. Set auction details4. Press "Create Auction" button
Alternative Flows	<ol style="list-style-type: none">1.1 Missing artwork details1.1 Show error message
Quality Requirements	Auction creation should be completed in under 5 minutes.

Case Description-06: Real-time Bidding

Use Case	Real-time Bidding
Goal	Users can place bids in real-time on artworks
Precondition	Auction must be live
Success End Condition	Bid placed successfully
Failed End Condition	Bid placement failed
Primary Actors	Customer
Secondary Actors	N/A
Trigger	User places a bid during an active auction.
Description / Main Success Scenario	<ol style="list-style-type: none">1. User views live auction2. Enter bid amount3. Press "Place Bid" button4. Bid confirmed successfully
Alternative Flows	<ol style="list-style-type: none">1.1 Bid amount lower than reserve price1.1 Show error message
Quality Requirements	Bid should be placed within 2 seconds of pressing the button.

Case Description-07: Bid History Tracking

Use Case	Bid History Tracking
Goal	Users can track their bidding history
Precondition	User must be logged in and have placed at least one bid
Success End Condition	History displayed successfully
Failed End Condition	History retrieval failed
Primary Actors	Customer
Secondary Actors	N/A
Trigger	User requests to view their bid history.
Description / Main Success Scenario	1. User navigates to bid history page 2. System loads and displays history
Alternative Flows	1.1 No history found 1.1. Show "No bids placed" message
Quality Requirements	Bid history should load within 3 seconds.

Case Description-08: Auction Timer

Use Case	Auction Timer
Goal	Users can view a countdown timer for auction closing
Precondition	Auction must be live
Success End Condition	Timer displayed correctly
Failed End Condition	Timer not displayed or incorrect
Primary Actors	Customer
Secondary Actors	N/A
Trigger	Timer starts when the auction is created
Description / Main Success Scenario	1. Auction starts 2. Timer starts counting down to auction end
Alternative Flows	1.1 Timer malfunctions 1.1.Retry to reload timer
Quality Requirements	Timer should update every second.

Case Description-09: Notifications & Alerts

Use Case	Notifications & Alerts
Goal	Users receive important notifications for auction events
Precondition	User must be logged in
Success End Condition	Notification received successfully
Failed End Condition	Notification delivery failed
Primary Actors	Customer
Secondary Actors	N/A
Trigger	Event triggers a notification for the user.
Description / Main Success Scenario	1. User receives notification for auction ending 2. Notification displayed in system
Alternative Flows	1.1 Notification failed 1.1 Retry notification
Quality Requirements	Notification delivery should be completed within 2 seconds.

Case Description-10: Secure Payment Gateway Integration

Use Case	Secure Payment Gateway Integration
Goal	Users can make secure payments for auctions
Precondition	User must have won an auction
Success End Condition	Payment successful
Failed End Condition	Payment failed
Primary Actors	Customer
Secondary Actors	Payment Gateway
Trigger	User initiates payment after winning an auction
Description / Main Success Scenario	<ol style="list-style-type: none">1. User selects payment method2. User confirms payment details3. Payment processed successfully
Alternative Flows	<ol style="list-style-type: none">1.1 Payment error1.1.Retry payment
Quality Requirements	Payment processing should complete within 5 minutes.

Case Description-11: User Feedback & Ratings

Use Case	User Feedback & Ratings
Goal	Users can provide feedback and ratings for artworks
Precondition	User must have made a purchase or placed a bid
Success End Condition	Feedback successfully saved
Failed End Condition	Feedback submission failed
Primary Actors	Customer
Secondary Actors	Artist
Trigger	User submits feedback for an artwork
Description / Main Success Scenario	<ol style="list-style-type: none">1. User navigates to feedback page2. Provide rating and comments3. Press "Submit"
Alternative Flows	<ol style="list-style-type: none">1.1 Feedback form incomplete<ol style="list-style-type: none">1.1.a Show validation message
Quality Requirements	Feedback submission should be reflected instantly.

Case Description-12: Search & Filter Options

Use Case	Search & Filter Options
Goal	Users can search and filter artworks and auctions
Precondition	User must be logged in
Success End Condition	Search results displayed correctly
Failed End Condition	No results found
Primary Actors	Customer
Secondary Actors	N/A
Trigger	User applies search or filter criteria
Description / Main Success Scenario	1. User enters search criteria 2. System displays relevant results
Alternative Flows	1.1 No matching results 1.1.Show "No results found" message
Quality Requirements	Search results should appear within 3 seconds.

Case Description-13: Admin Dashboard

Use Case	Admin Dashboard
Goal	Admin can manage the system's operations
Precondition	Admin must be logged in
Success End Condition	Dashboard loaded successfully
Failed End Condition	Dashboard loading failed
Primary Actors	Admin
Secondary Actors	N/A
Trigger	Admin accesses the dashboard
Description / Main Success Scenario	1. Admin logs in 2. Admin views and manages system overview
Alternative Flows	1.1 Dashboard fails to load 1.2. Retry loading dashboard
Quality Requirements	Dashboard should load within 5 seconds.

Case Description-14: Authentication & Fraud Prevention

Use Case	Authentication & Fraud Prevention
Goal	Prevent unauthorized access and fraud
Precondition	User must attempt to log in
Success End Condition	Login successful and fraud checks passed
Failed End Condition	Login blocked due to fraud detection
Primary Actors	Customer, Admin
Secondary Actors	N/A
Trigger	User attempts to log in
Description / Main Success Scenario	1. User submits credentials 2. System verifies credentials and runs fraud checks
Alternative Flows	1.1 Fraud attempt detected 1.1. Block login attempt
Quality Requirements	Fraud checks should complete within 2 seconds.

Case Description-15: Artwork Preview

Use Case	Artwork Preview
Goal	Users can preview artworks before bidding or purchase
Precondition	Artwork must be listed for auction
Success End Condition	Preview displayed correctly
Failed End Condition	Preview not available
Primary Actors	Customer
Secondary Actors	N/A
Trigger	User clicks to preview artwork
Description / Main Success Scenario	1. User clicks "Preview" on artwork 2. System loads preview
Alternative Flows	1.1 Preview error 1.1. Retry preview
Quality Requirements	Preview should be displayed instantly.

Case Description-16: Multiple Payment Methods

Use Case	Multiple Payment Methods
Goal	Users can choose from multiple payment methods
Precondition	User must be ready to make a payment
Success End Condition	Payment method selected successfully
Failed End Condition	Payment method selection failed
Primary Actors	Customer
Secondary Actors	Payment Gateway
Trigger	User selects payment method for auction payment
Description / Main Success Scenario	1. User selects payment method 2. Confirms payment details
Alternative Flows	1.1 Payment method unavailable 1.1.1 Try another method
Quality Requirements	Payment selection should be completed in under 3 seconds.

Case Description-17: Auction Analytics & Reports

Use Case	Auction Analytics & Reports
Goal	Admin can generate auction analytics and reports
Precondition	Admin must be logged in
Success End Condition	Analytics and reports generated successfully
Failed End Condition	Report generation failed
Primary Actors	Admin
Secondary Actors	N/A
Trigger	Admin requests auction analytics and reports
Description / Main Success Scenario	1. Admin logs in 2. Admin accesses the report section
Alternative Flows	1.1 Report generation error 1.1 Retry report generation
Quality Requirements	Report generation should take no more than 5 seconds.

Case Description-18: Customer Support

Use Case	Customer Support
Goal	Users can contact customer support for assistance
Precondition	User must have a support-related issue
Success End Condition	Support request handled successfully
Failed End Condition	Support request failed
Primary Actors	Customer
Secondary Actors	Admin
Trigger	User submits a support request
Description / Main Success Scenario	<ol style="list-style-type: none">1. User selects 'Support' option2. User provides support query3. User submits request4. Support team acknowledges the request5. Issue resolved or escalation is processed6. Customer notified of the resolution
Alternative Flows	<ol style="list-style-type: none">1.1 No response from support team<ol style="list-style-type: none">1.1. Try Again Later!2.1 Invalid support request.<ol style="list-style-type: none">2.1.a Provide valid issue details.4.1 Support team unable to resolve<ol style="list-style-type: none">4.1.a Escalate issue5.1 User still not satisfied<ol style="list-style-type: none">5.1.a Provide additional support6.1 User didn't receive resolution notification<ol style="list-style-type: none">6.1.a Send notification again
Quality Requirements	The user will receive a response within 24 hours.