East West University

Assignment 1

Semester: Spring-2022

Course Title: Information System Analysis and Design

Course Code: CSE347

Submitted by-

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Date of Submission: 11-03-2025

Functional Requirements

Stakeholder	Goal	Functional Requirement
Visitors	To have the Personal data	The app shall allow users to register and log in.
	purchase the ticket from apps	The app shall enable visitors to book museum tickets.
	To see the artwork details	The app shall display artwork information when visitors are near them or scan a QR code.
	Navigate the museum	The app shall provide a navigation guide inside the museum.
	Track the Save favorite artworks	The app shall allow visitors to save artworks they like.
	Provide the feedback	The app shall have a feedback system for visitors to share opinions.
Museum Staff	To Track visitor movements	The app shall display real-time visitor locations.
	To track visitor log data	The app shall track visitor numbers and time spent at exhibits.
Museum Administrators	To Update Museum content	The app shall allow admins to modify artwork details, pictures, and videos.
System	To Personalize recommendations system	The app shall suggest the artworks and the routes based on visitor's interests.

Non-Functional Requirements

Stakeholder	Goal	Non-Functional Requirement
Visitors	Use app smoothly	The app shall be simple and user-friendly.

Stakeholder	Goal	Non-Functional Requirement
	To give fast service experience	The app shall respond quickly without delays.
Museum Staff	Keep the app functional for all users	The app shall be scalable and work well even with high traffic.
Museum Administrators	To have high availability for maintain	The app shall be accessible 24/7 for bookings.
	To ensure easy maintenance	The app shall be easy to update and maintain.
Security Experts	To Protect visitor's personal data	The app shall secure user accounts and personal information.
IoT Service Providers	To Ensure accurate tracking system	The app shall provide accurate navigation and artwork information.