ASSIGNMENT 3

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Roll No :- 71
class :- TE - C

Aim :-
Generate Dashboard and Reports

Requirements :-
Project Management tools (any one tool from the list given below)
1. Primavera Project Management Software
2. Microsoft Project Management Software
3. Edraw Max Project Management Software
4. Jira Project Management Software

Theory :-
Generating the required artifacts and proper documentation is the key to project success. Version control, changes in requirements, rescheduling of tasks, changing priorities of tasks etc. need to be documented. Dashboard facility in Edraw Max provides a wide range of templates to generate and monitor the reports.

Dashboard :-
Project Overview
    A QR-based ticket entry system for a museum would work similarly to the general event ticketing system I described earlier, but with some additional features that are specific to museums.
Here is an overview of how such a system would work :-
  ➢ The ticketing system generates a unique QR code for each ticket sold.
  ➢ The QR code is then sent to the visitor via email or text message.
  ➢ The visitor can then print out the QR code or display it on their mobile device.

➤ When the visitor arrives at the museum, they would present the QR code to be scanned by a scanning device at the entrance.

➤ The scanning device would read the QR code and verify that the ticket is valid.

If the ticket is valid, the device would display a message indicating that the visitor has been granted entry.

Here are some additional features that could be implemented to enhance the system for the museum:

➤ Add a feature that allows the museum to set up timed entry slots, so that the number of visitors in the museum can be controlled and crowding can be avoided. Incorporate a feature that allows the visitor to choose which exhibitions they want to see, so that the museum can manage the flow of visitors throughout the different sections.

➤ Add a self guided tour feature where the visitor can scan QR codes placed at different exhibits to get more information about them.

➤ Offer audio guide system that syncs with visitor's device through the QR code.

➤ Send reminders about the museum events and exhibitions to the visitors via email or text message.

Allow visitors to purchase the tickets in advance through online portals. This system would help the museum to better manage visitor flow, reduce queues and provide a more engaging and personalized experience for visitors

Cost Overview

Develop a budget for the project, including the costs for resources, equipment, and services required to complete the project.

Upcoming Tasks

In future modifications this project can be further modified to directly see upcoming events and auctions at the said museums as well as monuments. The data can be used to collect the high time for the monuments/museums as well as gathering general feedback from people about the places and how the experience can be improved

Resource Reports

Hardware Specifications :-

➢ Processor -7th gen i5

➢ RAM - 4GB(min) – Hard Disc - 512GB(min)

Software Specifications :-

➢ Platform - Windows 7 or above

➢ Frontend- HTML, CSS, JS, Bootstrap

➢ Programming Language- PHP 8

➢ Database- MySQL

➢ Server - Apache

QR BASED ENTRY SYSTEM FOR MUSEUM

Task ID	Assigned to	Priority	Status	Complete Progress
1	Snehal Dahake	High	Completed	100.00%
2	Prasad Dhobale	High	Completed	100.00%
3	Pushpak	Low	Incomplete	30.00%
4	Sonu	High	Complete	90.00%
5	Harshada	Low	Complete	90.00%
6	Amar	High	Incomplete	40.00%
7	Vihan	High	Complete	96.00%
8	Janavi	Low	Incomplete	20.00%
9	priya	Low	Incomplete	60.00%
10	Soham	High	Complete	75%

Status Table

CONCLUSION :-

A QR-based entry system can be a valuable addition to a museum, helping to improve the visitor experience, increase revenue, and make operations more efficient. The system works by generating unique QR codes for each ticket, which can be scanned at the museum entrance to verify the validity of the tickets and grant entry. The system also has the ability to collect data on the number of visitors, their demographics, and which exhibitions they visit, which can be used to make informed decisions about programming, marketing, and other aspects of museum operations. Additionally, the system can also be personalized and can also be made accessible to visitors.

However, it is important to keep in mind that there are also some challenges that will need to be addressed in order to implement such a system successfully. These include technical issues, data security and privacy, user adoption, accessibility, scalability, integration, and maintenance. To overcome these challenges, it is important to conduct thorough testing of the system, implement the necessary security measures, and provide training and support to ensure that visitors feel comfortable using the system. With the right approach, a QR-based ticket entry system can be a cost-effective and valuable addition to a museum.