WEEKLY REPORT

Work done in last week:

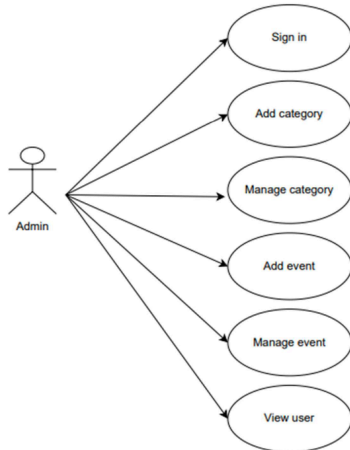| 29/01/2024	1) **Backend Setup:** Begin setting up the backend environment, including choosing the appropriate technology stack Node.js and initializing the project structure. 2) **Sequential Diagram Design:** Initiate the design process for the sequential diagram, outlining the sequential flow of processes and interactions within the backend system.
30/01/2024	3) **Use Case Diagram Creation:** Proceed with creating the use case diagram, illustrating the different use cases and interactions between actors and the backend system.
31/01/2024	4) **Class Diagram Design:** Begin designing the class diagram, depicting the class structure and relationships within the backend system, including entities, controllers, services, and data models. 5) **Backend Development - Event Management:** Proceed with implementing backend functionality for event management, including CRUD operations for creating, retrieving, updating, and deleting events.

Student Id: 20IT141

Student Name: Mohammadsafik Shaikh

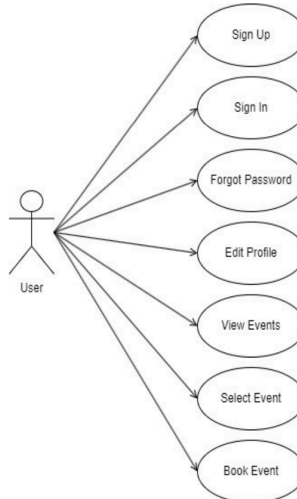| Reporting No: 7	Week No: 7	From: 29/01/2024 To: 04/02/2024

Project ID:125

Project Title: Event Management

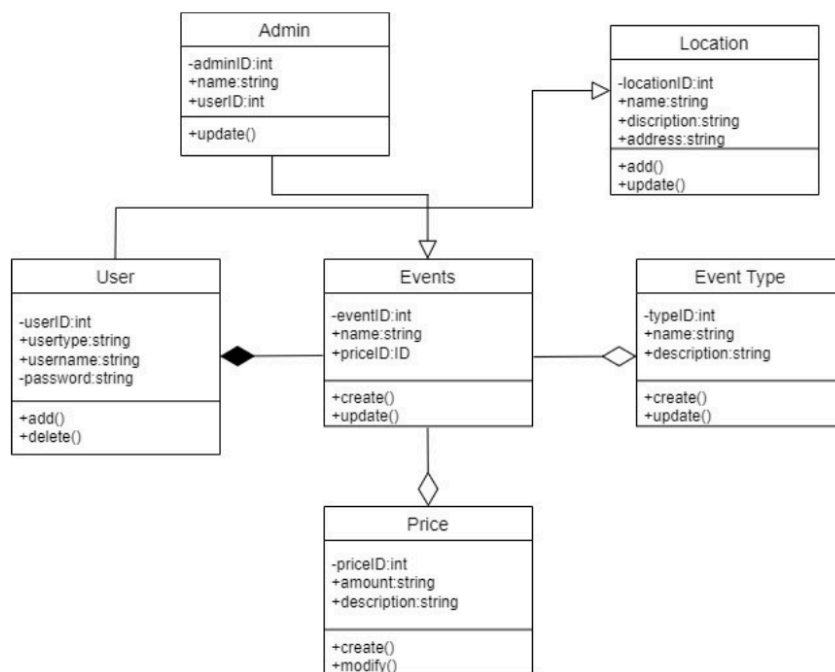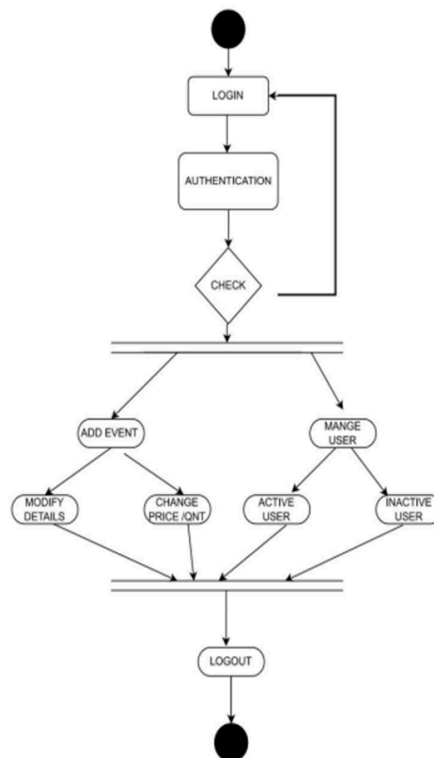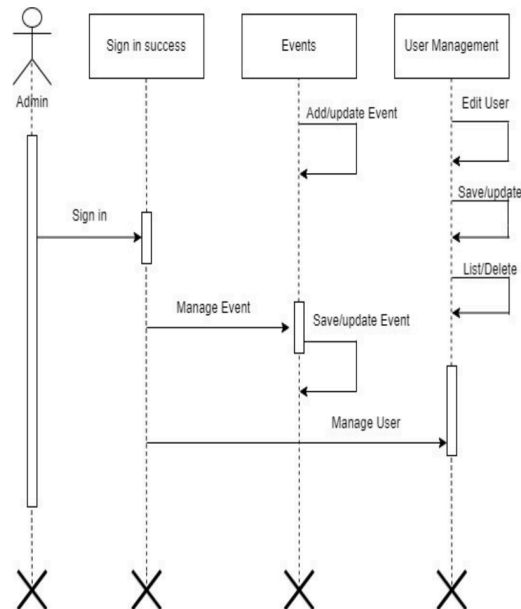| 01/02/2024	6) **Interaction Diagram Creation:** Proceed with creating the interaction diagram, depicting the sequence of interactions between various components and modules within the backend system.
02/02/2024	7) **Diagram Review:** Review the created diagrams for accuracy, completeness, and consistency, making any necessary revisions or adjustments as needed. 8) **Diagram Finalization:** Finalize all diagrams, ensuring they accurately represent the backend system's architecture, processes, and interactions.

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Supporting Documents:

User

Admin

3.2 Class Diagram

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3.3 Interaction Diagram

Admin Side

Reason for incomplete work:

No Incomplete Work in this week.

Plans for next week:

Next week , Understand inbuilt database in XAMPP of MySQL and Focus will design "Database for "Sign In User data" ,"Sign Up User data", "Admin Sign In data" ,create Data Dictionary for database .

References:

https://www.geeksforgeeks.org/unified-modeling-language-uml-sequence-diagrams/

https://creately.com/blog/diagrams/uml-diagram-types-examples/

Signature of External Guide   **Signature of Internal Guide**

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