# PROJECT REPORT

**Project Title:**UniNav (Indoor Navigation System)

**Team Lead:** Saqib Ali

**Task 1: Understanding the System**

In this initial phase, our team delved into comprehending the existing system thoroughly. We conducted interviews, reviewed documentation, and analyzed the current processes to gain a comprehensive understanding.

**Task 2: Analyzing the System Requirements**

Following the initial understanding phase, we proceeded to analyze the system requirements in detail. This involved identifying key functionalities, performance parameters, security needs, and any regulatory compliance requirements necessary for the new system.

**Task 3: Identify User Stories with Acceptance Criteria using the Given Epics**

1. **Admin**
   * User Story: As an admin, I want to be able to access and modify all user accounts.
   * Acceptance Criteria: The admin should have access to user account settings and be able to update user information securely.
2. **User**
   * User Story: As a user, I want to be able to reset my password easily.
   * Acceptance Criteria: The user should receive a password reset link via email and should be able to create a new password securely.
3. **System**
   * User Story: As a system, I want to perform automated backups regularly.
   * Acceptance Criteria: The system should schedule regular backups of all data and store them securely.

**Task 4: Draw UML Diagram Explaining the System's Functionality Based on the Derived User Stories**

Based on the identified user stories, a UML diagram was created to elucidate the system's functionality. The diagram captures the interactions between the admin, user, and system components, showcasing how they work together to fulfill the defined requirements.

**Student Evaluation:**

1. Student A: Demonstrated a strong grasp of system understanding and requirements analysis.
2. Student B: Excelled in defining user stories with clear acceptance criteria.
3. Student C: Produced a comprehensive UML diagram illustrating system functionality effectively.
4. Student D: Showed proficiency in analyzing system requirements and epics alignment with user stories.
5. Student E: Displayed excellent understanding of user needs and translating them into acceptance criteria.

**Conclusion:**

The project progressed successfully through understanding the system, analyzing requirements, defining user stories, and creating a UML diagram. The students demonstrated commendable skills in each task, contributing significantly to the project's advancement.

This project report reflects the diligent efforts and achievements of the team in fulfilling the outlined tasks and goals.

**SCOREBOARD**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **ST-NAME** | **Task 1** | **Task 2** | **Task 3** | **Task 4** | **PERFORMANCE** | **TOTAL MARKS** |
| SANA BATOOL  (8554) | 10/10 | 10/10 | 10/10 | 10/10 | 10/10 | **50/50** |
| HAMNA HOOR KHAN  (8408) | 10/10 | 10/10 | 10/7 | 10/8 | 10/8 | **50/43** |
| MAHAD YOUSAF(7451) | 10/10 | 10/10 | 10/9 | 10/10 | 10/10 | **50/49** |
| HAAD YOUSAF  (8755) | 10/10 | 10/10 | 10/7 | 10/7 | 10/8 | **50/46** |
| SAMIULLAH SATTI (8508) | 10/10 | 10/10 | 10/0 | 10/5 | 10/5 | **50/30** |