# MAJOR / MINOR PROJECT ABSTRACT [Form – 1] (YEAR – 2022-23)

**NAME OF LAB COORDINATOR:**  Sumit Mathur

**TITLE OF PROJECT:**  Airport Feedback App

**PROJECT TRACK: (**Tick the appropriate one / ones**)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. R&D (Innovation) | * 2. CONSULTANCY (Fetched from Industry) | 3. STARTUP  (Self-Business Initiative) | 4. PROJECT POOL (From IBM / INFOSYS) | 5. HARDWARE  / EMBEDDED |

**BRIEF INTRODUCTION OF PROJECT:**

The Airport Feedback System is web-based feedback collecting system for the passengers and provides the automatic generation of feedback which is given by passengers. By using this technology we can give feedback in an online system as fast as compared to the existing paper feedback system. The user can rate the different departments of the airport by giving them a rating in 1 and 5 and can also provide feedback in the form of a message. The admin can view all the feedback provided by the passengers and can also sort the feedbacks on certain criteria.

**TOOLS / TECHNOLOGIES TO BE USED:**

|  |  |  |  |
| --- | --- | --- | --- |
| NAME OF TOOL / TECHNOLOGY | VERSION | SOFTWARE / HARDWARE | PURPOSE OF USE |
| MongoDB | 6.0.1 | Software | To store the data |
| Express.js | 4.18.1 | Software | To create the REST API |
| React.js | 18.2.0 | Software | To create the frontend |
| Node.js | 16.13.1 | Software | To create the backend |

**PROPOSED PROJECT MODULES:**

|  |  |
| --- | --- |
| NAME OF MODULE | PROPOSED FUNCTIONALITY IN PROJECT |
| Passenger Module | Used for managing the details of a passenger. |
| Feedback Forms | Used to provide feedbacks. |
| Admin Module | Used for managing the functionality of admin. |
| Feedback Management Module | Used to provide feedback data to admin. |

**TEAM MEMBER DETAILS:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STUDENT NAME | CLASS & GROUP | MOBILE No. | EXPERTISE AREA | ROLE IN PROJECT |
| Akshita Sharma | CSE A-G1 | 7976452852 | React.js | Frontend/Backend |
| Akshat Gadodia | CSE A-G1 | 7737152961 | REST API | Frontend/Backend |
|  |  |  |  |  |
|  |  |  |  |  |

**NOTE:** 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.

2. Students must keep a Xerox copy of this form as reference for project work and attach it to final report.

# ROLE SPECIFICATION OF TEAM MEMBERS [Form – 2]

|  |  |  |  |
| --- | --- | --- | --- |
| **MEMBER 1**  Akshita Sharma | | **HANDLING MODULE**  Passenger and Feedback Module | |
| **NAME OF ACTIVITY** | **SOFT DEADLINE DATE** | **HARD DEADLINE DATE** | **DETAILS OF ACTIVITY (STORY)** |
|  |  |  |  |
| Passenger Registration | 28/08/2022 | 01/09/2022 | Create Passenger registration form, database collections, model |
| Feedback Form Data | 10/09/2022 | 15/09/2022 | Create Feedback Forms so that the passenger can provide feedback |
| Frontend Styling Improved | 20/09/2022 | 22/09/2022 | Frontend Styling Improved |
| Feedback Form Designed | 27/09/2022 | 30/09/2022 | Designing of feedback forms is done |
| Storing User Details | 05/10/2022 | 08/10/2022 | User details are stored on local machine |
| Passenger Flight Details | 30/10/2022 | 30/10/2022 | Flight details of passenger is displayed. |
| Final Testing and Debugging | 12/11/2022 | 16/10/2022 | Website is tested and some minor error solved |
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| --- | --- | --- | --- |
| **MEMBER 2**  Akshat Gadodia | | **HANDLING MODULE**  Admin & Feedback Management Module | |
| **NAME OF ACTIVITY** | **SOFT DEADLINE DATE** | **HARD DEADLINE DATE** | **DETAILS OF ACTIVITY (STORY)** |
|  |  |  |  |
| Basic Project Structure | 20/08/2022 | 22/08/2022 | Create the basic project structure of MERN stack |
| Feedback Forms Models Created | 10/09/2022 | 15/09/2022 | Create feedback forms REST API and database collections |
| Frontend Styling Improved | 20/09/2022 | 22/09/2022 | Frontend Styling Improved |
| Admin Login Implemented | 27/09/2022 | 30/09/2022 | Admin login module is designed |
| Feedback Data Display | 05/10/2022 | 08/10/2022 | Feedback Data Summary is displayed to admin |
| Authentication Implemented | 30/10/2022 | 30/10/2022 | Authentication for admin is implemented |
| Final Testing and Debugging | 12/11/2022 | 16/10/2022 | Website is tested and some minor error solved |
|  |  |  |  |

**MENTOR’S NAME & SIGNATURE :**  Dr. Nilam Choudhary

**NOTE:** 1. This form is to be submitted by a team of maximum 4 students in the starting of semester to lab coordinator.

1. Every member student must keep a Xerox copy of this form as reference for his / her part in project work.
2. Students must provide the detailed list of planned activities along with their completion deadline dates.
3. The lab coordinator will check the weekly progress of student against the information provided in this form.