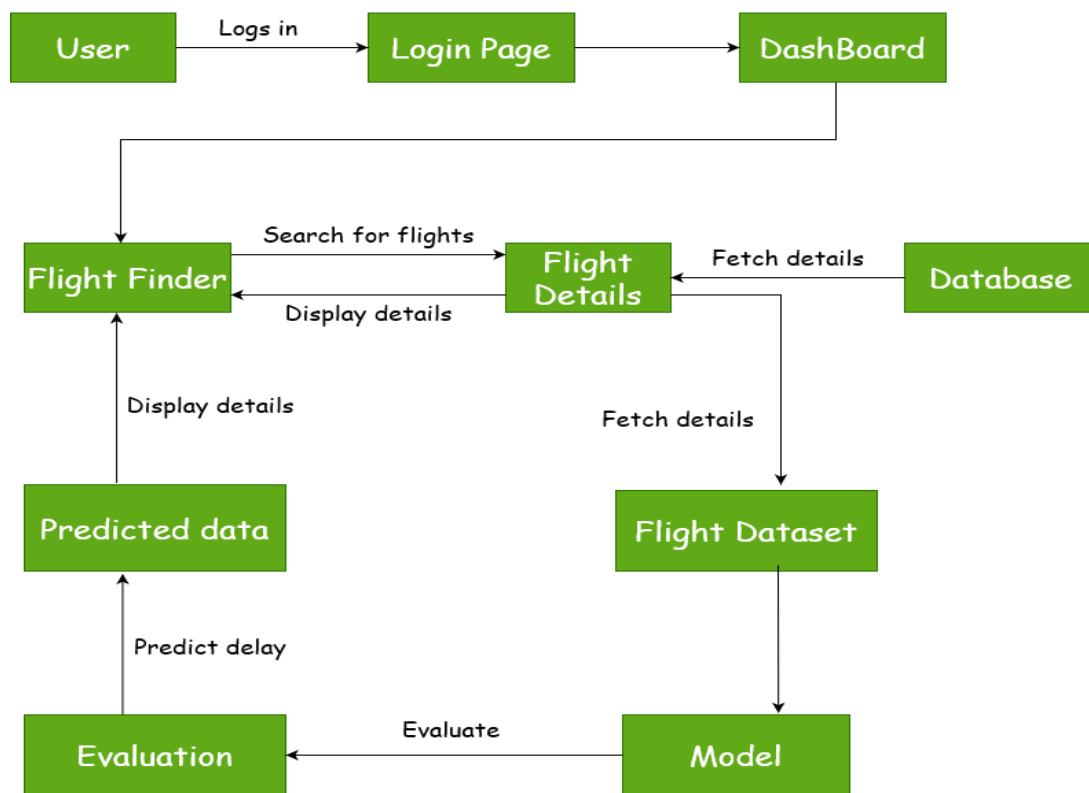


Project Design Phase-II

Data Flow Diagram & User Stories

| | |
|---------------|--|
| Date | 16 October 2022 |
| Team ID | PNT2022TMID01346 |
| Project Name | Project – Flight Delay Prediction Using Machine Learning |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:



User Stories:

| User Type | Functional Requirement (Epic) | User Story Number | User story/Task | Acceptance Criteria | Priority | Release |
|---------------------|-------------------------------|-------------------|--|--|----------|----------|
| Customer (Web user) | Registration | USN - 1 | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard | High | Sprint-1 |
| | | USN-2 | As a user, I will receive confirmation email once I have registered for the Application. | I can receive confirmation email & click confirm | High | Sprint-1 |
| | | USN-3 | As a user, I can register for the application | I can register & access the dashboard with | Low | Sprint-2 |

| | | | | | | |
|-------|-----------------------|--------|---|---|--------|----------|
| | | USN-4 | As a user, I can register for the application through Gmail | | Medium | Sprint-1 |
| | Login | USN-5 | As a user, I can log into the app by entering email and password | I can access the dashboard | High | Sprint-1 |
| | Dashboard | USN-6 | As a user, I can navigate through different pages using the dashboard | I can view various pages | High | Sprint-2 |
| | Search | USN-7 | As a user, I can search for flights with destination location. | I can receive information on various flights. | High | Sprint-2 |
| | View | USN-8 | As a user, I can view the details of the flights. | I get the information such as flight no, departure and arrival time, etc. | High | Sprint-3 |
| | Receive notifications | USN-9 | As a user, I will receive notifications about the flight. | I get frequent updates of the flight's location. | Low | Sprint-3 |
| Admin | GPS | USN-10 | As an admin, I need the location of flights | I can track the flights | High | Sprint-4 |
| | Analyse | USN-11 | As an admin, I will analyse the given dataset. | I can analyse the dataset. | High | Sprint-2 |