**Requirement Gathering and Analysis Phase**

**Data Flow Diagram & User Stories**

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| --- | --- |
| Date | 4th July 2024 |
| Team ID | SWTID1720194751 |
| Project Name | Project – Flight Booking App(Fly High) |
| Maximum Marks | 4 marks |

**Data Flow Diagrams:**

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: DFD Level 0 (Industry Standard)

**Example:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)

Diagram

Description automatically generated

**[Diagram, timeline

Description automatically generated](https://developer.ibm.com/patterns/visualize-unstructured-text/)**

**User Stories**

Use the below template to list all the user stories for the product.

| **User Type** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer (Mobile 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 | Medium | Sprint-1 |
|  |  | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Very Low | Sprint-2 |
|  |  | USN-4 | As a user, I can register for the application through Gmail | I can register using Gmail | High | Sprint-2 |
|  | Login | USN-5 | As a user, I can log into the application by entering email & password | I can successfully log in and access my account | High | Sprint-3 |
|  | Dashboard | USN-6 | As a user, I can proceed with accessing the application after logging into it. | I can view and interact with the application dashboard | High | Sprint-4 |
| Customer (Web user) | Same as above | Same as above | Same as above | Same as above | Same as above | Same as above |
| Customer Care Executive | Same as above | Same as above | Same as above | Same as above | Same as above | Same as above |
| Administrator | Same as above | Same as above | Same as above | Same as above | Same as above | Same as above |
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ERD:

A diagram of a company

Description automatically generated

DFD:

A diagram of a diagram

Description automatically generated with medium confidence