**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 02 Jun 2025 |
| Team ID | LTVIP2025TMID49086 |
| Project Name | iRevolution: A Data-driven Exploration of Apple's iPhone Impact in India using Tableau. |
| 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**

**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 |
| Public /Analyst | Registration | 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 |
| Public | Registration | USN-3 | As a user, I can register for the application through Facebook | I can register & access the dashboard with Facebook Login | Low | Sprint-2 |
| Analyst | Registration | USN-4 | As a user, I can register for the application through Gmail | I can view comparison charts with filters and trendlines | Medium | Sprint-1 |
| Student | Login | USN-5 | As a user, I can log into the application by entering email & password | I can export dashboards or summary reports in CSV/PDF format | High | Sprint-1 |
| Customer (Web user) | Responsive Dashboard View | USN-6 | As a web user, I want the dashboard to be responsive and accessible on different screen sizes. | I can easily navigate the dashboard on both desktop and mobile browsers | High | Sprint-3 |
| Customer Care Executive | User Interaction Monitoring | USN-7 | As a customer care executive, I want to monitor frequent queries and filters applied by users. | I can access usage logs or summary of top queries | Medium | Sprint-4 |