**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 31 January 2025 |
| Team ID | LTVIP2025TMID49051 |
| Project Name | Heritage Treasures: An In-Depth Analysis of UNESCO World Heritage Sites in 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 |
| Visitor (Web User) | 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 |
| Visitor (Web User) | |  | | --- | | Registration via  Facebook |  |  | | --- | |  | | 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 |
| Visitor (Web User) | Registration via Gmail | USN-4 | As a user, I can register for the application through Gmail | After Gmail login, user is registered in the system | Medium | Sprint-1 |
| Visitor (Web User) | Login | USN-5 | As a user, I can log into the application by entering email & password | The login form accepts valid credentials | High | Sprint-1 |
| Customer (Web user) | View Heritage Sites | USN-6 | As a user, I want to explore heritage sites by country using an interactive dashboard. | Country filter is working, blocks are sized correctly, site names are visible. | High | Sprint-1 |
| Customer Care Executive | Respond to Preservation Queries | USN-7 | As a user, I want to see which UNESCO sites are in danger through a pie chart. | Pie chart segments are labeled 'In Danger' and 'Not in Danger', clickable for more info. | High | Sprint-1 |
| Administrator | Manage Heritage Data | USN-8 | As an admin, I want to update or delete outdated heritage site data entries. | Admin can edit/delete site records from the database with confirmation and logging. | High | Sprint-1 |
| Customer (Web user) | View Sites in Danger | USN-9 | As a user, I want to see which UNESCO sites are in danger through a pie chart. | Pie chart segments are labeled 'In Danger' and 'Not in Danger', clickable for more info. | High | Sprint-2 |
| Customer Care Executive | Escalate Issues | USN-10 | As a care executive, I want to escalate reports about endangered sites to the administrator. | Executive can select a site and submit a report; status changes to "Escalated to Admin". | Medium | Sprint-2 |
| Administrator | User Access Management | USN-11 | As an admin, I want to manage user roles and permissions for analysts, researchers, and executives. | Admin can assign/revoke roles, and permissions take effect immediately. | High | Sprint-2 |