**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 22 June 2025 |
| Team ID | LTVIP2025TMID33915 |
| Project Name | Hemotovision |
| 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:** [**(Simplified)**](https://developer.ibm.com/patterns/visualize-unstructured-text/)A diagram of a user flow

AI-generated content may be incorrect.

A diagram of a company

AI-generated content may be incorrect.

**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 |
|  |  | 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 through Facebook | I can register & access the dashboard with Facebook Login | 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 application by entering email & password |  | High | Sprint-1 |
| Customer (Web user) | Dashboard | USN 7 | As a web user, I can upload blood cell images and get instant predictions. | Image uploads and classified results are shown with confidence level. | High | Sprint 2 |
| Customer (Web user) | Report download | USN 8 | As a user, I can download classification reports in PDF format. | Downloaded report contains image, result, and timestamp. | Medium | Sprint 3 |
| Customer Care Executive | Query Support | USN 9 | As a support agent, I can view and respond to user queries submitted via contact form. | I can access all user-submitted issues and send replies. | Medium | Sprint 3 |
| Administrator | User management | USN 10 | As an admin, I can view all registered users and manage access. | Admin panel shows user list with options to deactivate or edit access | HIgh | Sprint 3 |
|  | Log monitor | USN 11 | As an admin, I can view system activity logs and prediction history for auditing. | Activity logs display login history, predictions, and errors. | High | Sprint 3 |
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