**Project Design Phase-II**

**Data Flow Diagram & User Stories**

| **Date** | **03 October 2022** |
| --- | --- |
| **Team ID** | **PNT2022TMID14193** |
| **Project Name** | **Project - Analytics for Hospital Healthcare Data** |
| **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.

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**User Stories**

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

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| **User Type** | **Functional**  **Requirement (Epic)** | **User**  **Story**  **Number** | **User Story / Task** | **Acceptance**  **criteria** | **Priority** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| Customer  (Mobile user) | Collecting and  storing patients data | USN-1 | The official website provides the people of the hospital management to access the forms and database easily without any discrepencies. | Storing the data and performing  CRUD operations is easy | High | Sprint-1 |
|  | Adding, retreiving or deleting the data of current patients | USN-2 | The official website allows the hospital management's technical staffs to perform any operation on the patient's data from anywhere around the world. | Comfortable  access of data at anytime from  anywhere | High | Sprint-1 |
| Customer  (Web user) | Identifying trends and patterns in the data | USN-3 | The trends in the data is found by data visualization techniques which can be used to identify the need for resources and frequency of occurrence and recovery time for a particular disease. | Makes data  visualization easier | High | Sprint 1 |
| Customer Care Executive | Dashboard | USN-4 | In the dashboard details of the patients, some important information about the diseases, resources needed for a particular disease and the recovery time based on the previous medical conditions of the patient and the current condition will be | Provides faster access to every  aspect of the  patient details | Medium | Sprint 2 |

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| --- | --- | --- | --- | --- | --- | --- |
|  |  |  | displayed. This will be encapsulated under topics into a single Nav bar or Hamburger menu |  |  |  |
| Administrator | Maintanance of records and database | USN-5 | Admin keeps track of the details and performs the task of supervising the data to be added and removed. | Helps in better performance and providing service | Low | Sprint 2 |