**Project Design Phase-II**

**Data Flow Diagram & User Stories**

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| Date | 25 October 2022 |
| Team ID | PNT2022TMID34104 |
| Project Name | Project -Classifications of arrhythmia by using deep learning with 2-D ECG spectral image representation. |
| 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 stor



**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) | 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 |
| Customer application. | 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 |
| Customer application. | 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 |
| Customer application | Registration. | USN-4 | As a user, I can register for the application through Gmail | User can acess their account. | Medium | Sprint-1 |
| Customer login credintial | Login | USN-5 | As a user, I can log into the application by entering email & password | User can log into the applications. | High | Sprint-1 |
| customer application | Dashboard | USN-6 | User give the heart condition it is displayed on the drashboard. | To make easier to identify the conditions of user. | High | Sprint 2 |
| Developer back end | cloud storage | USN-7 | Developer store the data set into the cloud. | Important to identify the heart conditions. | High | Sprint 2 |
| Sensor | Measure heart rate | USN-8 | Sensor measure the heart rate display it. | Can be used if necessary. | Medium | Sprint 3 |
| Customer application | Applications | USN-9 | Classified output given to user. | It is used to view the report through mobile, monitor and email. | High | Sprint-3 |