Project Design Phase-II

Data Flow Diagram & User Stories

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| Date | 03 October 2022 |
| Team ID | PNT2022TMID34283 |
| Project Name | Project - **Real -Time Communication System**  **Powered by AI for Specially abled** |
| 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.

# 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 (Mobile user) | Login | 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 (Mobile user) | Dashboard | 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 (Mobile user) | Main page | USN-4 | As a User, Once I login , I can enter into the page and see all the instruction and  Guidelines for the app. | I can enter into the app once all process is over. | Medium | Sprint-1 |
| Customer (Mobile user) | Instruction and Guidelines | USN-5 | As a User, I can read all the Instruction and  the Guidelines which gives the complete information of the app. | I can go through the all the instruction and guidelines. | High | Sprint-1 |
| Customer (Mobile user) | Video Tutorial | USN-6 | As a User, I can see the pre-recorded video of how to make efficient use of app and its all functionalities. | I can see the video tutorial about the app for its information. | medium | Sprint-1 |
| Customer (Mobile user) | Convert Sign | USN-7 | As a User, I can click the convert sign button, which bring me to the function page to convert our signs. | I can click the convert sign button and it direct me to main page. | High | Sprint-2 |
| Customer (Mobile user) | Camera Hand Movement detection | USN-8 | As a User, I can show hand sign in front of the user camera, camera detects it and convert them into text manner. | I can show my hand sign and camera detect it accurately. | High | Sprint-2 |
| Customer (Mobile user) | Voice Mode | USN-9 | As a User, Once the text is obtained, I can select Voice mode to convert the text into speech. | I can click on voice mode, which convert the text into speech. | High | Sprint-2 |

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| **User Type** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer Care Executive | Provide the necessary functionalities required to use  the app | USN-10 | As an Executive, I can offer the necessary camera specifications and other details as an executive to ensure the app runs smoothly. | I can provide the specifications of the camera required. | Low | Sprint-1 |
| Customer Care Executive | Check the  performance of the app | USN-11 | As a Executive, I can check the usage of the app and queries, feedback from the end User | I can check the usage and  feedback from all the users. | High | Sprint-1 |
| Administrator | Received queries from the users | USN-12 | As an administrator, I can use the inquiries from the customer support team to rerun the testing process and load the additional indications into the dataset to help users of  the software use it more efficiently. | I can take the queries from the customer care and perform efficiently according to that. | High | Sprint-3 |