

**Project Planning Phase
Milestone and Activity List**

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID44952
Project Name	Project- Real -Time Communication System PoweredBy AI For Specially Abled

TITL E	DESCRIPTION	DATE	ACHIEVEMENT
Literature Survey &Information Gathering	Literature survey on theselected project & gatheringinformation byreferring the,technical papers, research publications etc.	01 NOVEMBER 2022	<p>Referring to the previous findings made to understandthe drawbacks that are present in the app.</p> <p>Able to understand the technologies and methodsused in building of the system.</p> <p>Helped us to know what would be the output if atechnology is used.</p>
Prepare Empathy Map	Prepare Empathy Map Canvas to capture the userPains & Gains, Prepare list of problemstatements	01NOVEMBER 2022	<p>Empathy map enabled us together all the ideas at one single place.</p> <p>Successfully segregated thepros, cons, public opinion and time required for building of the app and other factors clearly.</p> <p>Very helpful when we were at the scratch.</p>

Ideation	List the by organizing the brainstorming session andprioritize the top 3 ideas based on the feasibility & importance.	01NOVEMBER 2022	<p>Brainstorming session enabled us to join together and collectively give variousideas to solve existing problem.</p> <p>Based on the priority, best ideas to implement and booming technologies suggested were plotted inthe graph for clear cut understanding.</p>
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TITL E	DESCRIPTION	DATE	ACHIEVEMENT
Proposed Solution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	01 NOVEMBER 2022	<p>Once the ideation was finished, we as team now decided our own solution in order to solve the existing problem.</p> <p>Document made on the Problem statement, customer satisfaction and uniqueness made to understand the core of the existing problem, much better.</p>
Problem Solution Fit	Prepare problem - solution fit document.	01 NOVEMBER 2022	<p>Similar to ideation, where we were actually thinking on the side of user and noted the pros, cons, issues faced in using the app.</p> <p>Pointed out the triggers and problem root cause and also the available solutions that reduce the effects of their inability.</p> <p>See that, the proposed solution can be a bonanza besides the available solution to the disabled.</p>
Solution Architecture	Prepare solution architecture document.	01 NOVEMBER 2022	<p>In this phase, we as a team made an architecture diagram which would describe the role performed by admin, end user and the operations being performed.</p> <p>The operations involved in the proposed solution are briefed in this diagram.</p>

TITL E	DESCRIPTION	DATE	ACHIEVEMENT
Customer Journey	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	01 NOVEMBER 2022	<p>Listed different factors like Research, Comparison with others, working condition of the app, questioning and sign out.</p> <p>It made to understand the customer's point of view precisely before, at present and after using the app.</p>
Functional Requirement	Prepare the functional requirement document.	01 NOVEMBER 2022	<p>Stated the software and hardware requirements required from user's side in order to use the app.</p> <p>Also mentioned the specifications and the functionalities required to use the app.</p>
Data Flow Diagrams	Draw the data flow diagrams and submit for review.	01 NOVEMBER 2022	<p>DFD is constructed in order to understand the start and end process of app usage.</p> <p>Also, mentioned the user stories along with their sprints to determine the amount of time required in implementing the particular sprint.</p>
Technology Architecture	Prepare the technology architecture diagram.	01 NOVEMBER 2022	<p>Given a detailed mind-blowing architecture where all the technologies are used and also the sequential process from start to end.</p> <p>Sample outputs provided enriched the quality and importance of using the app.</p>

Prepare Milestone &ActivityList	Prepare the milestones&activity list of the project.	08NOVEMBER 2022	<p>Made us to list the achievements obtained ineach and every phase.</p> <p>Made us to feel good and confident to move forwardtowards development phase.</p>
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testingit.	IN PROGRESS...	<p>Entire development phase is divided into four sprints.</p> <p>Design and build each andevery module .</p>

ACTIVITY
LIST

Activity Number	Activity Name	Detailed Activity Description
1.	Main page	As a User, I can enter the web page once clicked, which provides the Guidelines to use the app
2.	Guidelines	As a User, I can give a read through the guidelines to understand the functioning of the app.
3.	Camera (Hand movement detection)	As a User, I can show my hand sign towards the camera which converts them into text manner.
4.	Voice mode	Once the text is obtained, As a User I can click on the voice mode which provides the text in the form of speech.

5.	Provide the necessary functionalitiesrequired to use the app.	As an Executive, I can provide the Specifications of Camera required, andother factors that are required for smooth functioning of the app.
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Activity Number	Activity Name	Detailed Activity Description
6.	Check the performance of the app	As an Executive, I can check the usage and queries obtained from the end users.
7.	Receive queries based on the usage	As an Admin, I can take the queries from the customer care and perform the testing phase again , loading the other signs in the dataset, in order to make the customers to use the app effectively.