

**Project Planning Phase  
Milestone and Activity List**

Date	4 November 2022
Team ID	PNT2022TMID09385
Project Name	Real-Time Communication System PoweredBy AI For Specially Abled

**MILESTONE**

TITLE	DESCRIPTION	DATE	ACHIEVEMENT
<b>Literature Survey &amp; Information Gathering</b>	Literature survey on the selected project & gathering information by referring to the technical papers, and research publications, etc.	3 OCTOBER 2022	<ul style="list-style-type: none"> <li>Referring to the previous findings made to understand the drawbacks that are present in the app.</li> <li>Able to understand the technologies and methods used in the build of the system.</li> <li>Helped us to know what would be the output if a technology is used.</li> </ul>
<b>Prepare Empathy Map</b>	Prepare Empathy Map Canvas to capture the user's Pains & Gains, Prepare a list of problem statements	3 OCTOBER 2022	<ul style="list-style-type: none"> <li>Empathy map enabled us to gather all the ideas in one single place.</li> <li>Successfully segregated the pros, cons, public opinion, and time required for the build of the app and another factory.</li> <li>Very helpful when we were at the scratch.</li> </ul>

<b>Ideation</b>	List the by organizing the brainstorming session and prioritize the top 3 ideas based on their feasibility & importance.	3 OCTOBER 2022	<ul style="list-style-type: none"><li>Brainstorming session enabled us to <b>join together and collectively give various ideas</b> to solve an existiproblemslem.</li><li>Based on the priority, the <b>best ideas to implement and booming technologies suggested were plotted in the graph for</b> clear-cut-cut understanding.</li></ul>
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TITLE	DESCRIPTION	DATE	ACHIEVEMENT
<b>Proposed Solution</b>	Prepare the proposed solution document, which includes the novelty, feasibility of the idea, business model, social impact, scalability of the solution, etc.	16 OCTOBER 2022	<ul style="list-style-type: none"> <li>Once the ideation was finished, we as a team now <b>decided on a solution to solve the existing problem.</b></li> <li>Document made on the Problem statement, customer satisfaction, and uniqueness made to <b>understand the core of the existing problem, much better.</b></li> </ul>
<b>Problem Solution Fit</b>	Prepare problem-solution fit document.	16 OCTOBER 2022	<ul style="list-style-type: none"> <li>Similar to ideation, where we were <b>thinking on the side of the user and noted the pros, cons, and issues faced in using the app.</b></li> <li><b>Pointed out the triggers and problem root cause and also the available solutions</b> that reduce the effects of their inability.</li> <li>See that <b>the proposed solution can be a bonanza besides the available solution to the disabled.</b></li> </ul>

<b>Solution Architecture</b>	Prepare solution architecture document.	16 OCTOBER 2022	<ul style="list-style-type: none"><li>• In this phase, we as a team made an architecture diagram that would describe the role performed by the min, end user, and the operations being performed.</li><li>• The operations involved in the proposed solution are briefed in this diagram.</li></ul>
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TITLE	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	<ul style="list-style-type: none"> <li>Listed different factors like <b>Research, Comparison with others, working conditions of the app, questions,g, and sign-out.</b></li> <li>It made to <b>understand the customer's point of view precisely</b> before, at present and after using the app.</li> </ul>
Functional Requirement	Prepare the functional requirement document.	01 NOVEMBER 2022	<ul style="list-style-type: none"> <li><b>Stated the software and hardware requirements</b> required from the user's store to use the app.</li> <li><b>Also mentioned the specifications and the functionalities</b> required to use the app.</li> </ul>
Data Flow Diagrams	Draw the data flow diagrams and submit them for review.	01 NOVEMBER 2022	<ul style="list-style-type: none"> <li>DFD is constructed to <b>understand the start and end process of app usage.</b></li> <li>Also, <b>mentioned the user stories along with their sprints</b> to determine the amount of time required in implementing the particular sprint.</li> </ul>
Technology Architecture	Prepare the technology architecture diagram.	01 NOVEMBER 2022	<ul style="list-style-type: none"> <li><b>Given a detailed mind-blowing architecture</b> where all the technologies are used and also the sequential process from start to end.</li> <li><b>Sample outputs provided enriched</b></li> </ul>

			the quality and importance of using the app.
Prepare Milestone & Activity List	Prepare the milestones & activity list of the project.	01 NOVEMBER 2022	<ul style="list-style-type: none"> <li>Made us list the achievements obtained in every phase.</li> <li>Made us feel good and confident to move forward toward the development phase.</li> </ul>
Project Development - Delivery of Sprint-1, 2, 3 & 4	Develop & submit the developed code by testing it.	IN PROGRESS...	<ul style="list-style-type: none"> <li>Entire development phase is divided into four sprints.</li> <li>Design and build every module.</li> </ul>

### 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.	Camera(Hand movement detection)	As a User, I can show my hand sign to the camera which converts them into text manner.
3.	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.
4.	Provide the necessary functionalities required to use the app.	As an Executive, I can provide the Specifications of the Camera required, and other factors that are required for the smooth functioning of the app.

Activity Number	Activity Name	Detailed Activity Description
5.	Check the performance of the app	As an Executive, I can check the usage and queries obtained from the end users.
6.	Receive queries based on the usage	As an Admin, I can take the queries from customer care and perform the testing phase again, loading the other signs in the dataset, to make the customers use the app effectively.