

**Project Planning Phase  
Milestone and Activity List**

Date	22 October 2022
Team ID	PNT2022TMID34283
Project Name	<b>Real -Time Communication System Powered By AI For Specially Abled</b>

TITLE	DESCRIPTION	DATE	ACHIEVEMENT
<b>Literature Survey &amp; Information Gathering</b>	Literature survey on the selected project & gathering information by referring the, technical papers, research publications etc.	20 September 2022	<ul style="list-style-type: none"> <li>☐ Referring to the <b>previous findings made to understand the drawbacks that are present in the app.</b></li> <li>☐ Able to <b>understand the technologies and methods used</b> in building of the system.</li> <li>☐ <b>Helped us to know what would be the output if a technology is used.</b></li> </ul>
<b>Prepare Empathy Map</b>	Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements	20 October 2022	<ul style="list-style-type: none"> <li>☐ Empathy map enabled us <b>to gather all the ideas at one single place.</b></li> <li>☐ Successfully segregated the <b>pros, cons, public opinion and time required for building of the app</b> and other factors clearly.</li> <li>☐ <b>Very helpful when we were at the scratch.</b></li> </ul>
<b>Ideation</b>	List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.	20 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 existing problem.</li> </ul>

			<input type="checkbox"/> Based on the priority, <b>best ideas to implement and booming technologies suggested were plotted in the graph</b> for clear cut understanding.
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TITLE	DESCRIPTION	DATE	ACHIEVEMENT
<b>Proposed Solution</b>	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	21 October 2022	<input type="checkbox"/> Once the ideation was finished, we as team now <b>decided our own solution in order to solve the existing problem.</b>  <input type="checkbox"/> Document made on the Problem statement, customer satisfaction and uniqueness made to <b>understand the core of the existing problem, much better.</b>
<b>Problem Solution Fit</b>	Prepare problem - solution fit document.	21 October 2022	<input type="checkbox"/> Similar to ideation, where we were actually <b>thinking on the side of user and noted the pros, cons, issues faced in using the app.</b>  <input type="checkbox"/> <b>Pointed out the triggers and problem root cause and also the available solutions</b> that reduce the effects of their inability.  <input type="checkbox"/> See that, <b>the proposed solution can be a bonanza besides the available solution</b> to the disabled.
<b>Solution Architecture</b>	Prepare solution architecture document.	21 October 2022	<input type="checkbox"/> In this phase , we as a team made an <b>architecture diagram which would describe the role performed by admin, end user and the the operations being performed.</b>  <input type="checkbox"/> <b>The operations involved in the proposed solution are briefed in this diagram.</b>

TITLE	DESCRIPTION	DATE	ACHIEVEMENT
<b>Customer Journey</b>	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	21 October 2022	<ul style="list-style-type: none"> <li>☐ Listed different factors like <b>Research, Comparison with others, working condition of the app, questioning 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>
<b>Functional Requirement</b>	Prepare the functional requirement document.	21 October 2022	<ul style="list-style-type: none"> <li>☐ <b>Stated the software and hardware requirements</b> required from user's side in order to use the app.</li> <li>☐ Also <b>mentioned the specifications and the functionalities</b> required to use the app.</li> </ul>
<b>Data Flow Diagrams</b>	Draw the data flow diagrams and submit for review.	21 October 2022	<ul style="list-style-type: none"> <li>☐ DFD is constructed in order 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>
<b>Technology Architecture</b>	Prepare the technology architecture diagram.	21 October 2022	<ul style="list-style-type: none"> <li>☐ <b>Given a detailed mindblowing architecture where all the technologies are used and also the sequential process</b> from start to end.</li> <li>☐ <b>Sample outputs provided enriched the quality and importance</b> of using the app.</li> </ul>
<b>Prepare Milestone &amp; Activity List</b>	Prepare the milestones & activity list of the project.	22 October 2022	<ul style="list-style-type: none"> <li>☐ Made us to <b>list the achievements obtained in each and every phase.</b></li> <li>☐ Made us to <b>feel good and confident to move forward towards development phase.</b></li> </ul>

<b>Project Development - Delivery of Sprint-1, 2, 3 &amp; 4</b>	Develop & submit the developed code by testing it.	IN PROGRESS...	<ul style="list-style-type: none"><li>□ Entire development phase is <b>divided into four sprints</b>.</li><li>□ <b>Design and build</b> each and every module .</li></ul>
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## **ACTIVITY LIST**

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

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