

Project Planning Phase Milestone and Activity List

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| Date | 01 November 2022 |
| Team ID | PNT2022TMID14098 |
| Project Name | Real -Time Communication System PoweredBy AI For Specially Abled |

| TITLE | DESCRIPTION | DATE | ACHIEVEMENT |
|--|--|-----------------|---|
| Literature Survey & Information Gathering | Literature survey on the selected project & gathering information byreferring the , technical papers, research publications etc. | 16 OCTOBER 2022 | <ul style="list-style-type: none"> Referring to the previous findings made to understand the drawbacks that are present in the app. Able to understand the technologies and methods used in building of the system. Helped us to know what would be the output if a technology is used. |
| Prepare Empathy Map | Prepare Empathy Map Canvas to capture the user Pains & Gains, Prepare list of problem statements | 16 OCTOBER 2022 | <ul style="list-style-type: none"> Empathy map enabled us to gather all the ideas at one single place. Successfully segregated the pros, cons, public opinion and time required for building of the app and other factors clearly. Very helpful when we were at the scratch. |

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| <p>Ideation</p> | <p>List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.</p> | <p>16 OCTOBER 2022</p> | <ul style="list-style-type: none"> • Brainstorming session enabled us to join together and collectively give various ideas to solve existing problem. • Based on the priority, best ideas to implement and booming technologies suggested were plotted in the graph for clear cut understanding. |
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| TITLE | 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. | 16 OCTOBER 2022 | <ul style="list-style-type: none"> Once the ideation was finished, we as team now decided our own solution in order to solve the existing problem. Document made on the Problem statement, customer satisfaction and uniqueness made to understand the core of the existing problem, much better. |
| Problem Solution Fit | Prepare problem - solution fit document. | 16 OCTOBER 2022 | <ul style="list-style-type: none"> Similar to ideation, where we were actually thinking on the side of user and noted the pros, cons, issues faced in using the app. Pointed out the triggers and problem root cause and also the available solutions that reduce the effects of their inability. See that, the proposed solution can be a bonanza besides the available solution to the disabled. |
| Solution Architecture | Prepare solution architecture document. | 16 OCTOBER 2022 | <ul style="list-style-type: none"> In this phase , we as a team made an architecture diagram which would describe the role performed by admin, end user and the the operations being performed. The operations involved in the proposed solution are briefed in this diagram. |

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|---|---|------------------|---|
| 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"> Listed different factors like Research, Comparison with others, working condition of the app, questioning and sign out. It made to understand the customer's point of view precisely before, at present and after using the app. |
| Functional Requirement | Prepare the functional requirement document. | 01 NOVEMBER 2022 | <ul style="list-style-type: none"> Stated the software and hardware requirements required from user's side in order to use the app. Also mentioned the specifications and the functionalities required to use the app. |
| Data Flow Diagrams | Draw the data flow diagrams and submit for review. | 01 NOVEMBER 2022 | <ul style="list-style-type: none"> DFD is constructed in order to understand the start and end process of app usage. Also, mentioned the user stories along with their sprints to determine the amount of time required in implementing the particular sprint. |
| Technology Architecture | Prepare the technology architecture diagram. | 01 NOVEMBER 2022 | <ul style="list-style-type: none"> Given a detailed mind-blowing architecture where all the technologies are used and also the sequential process from start to end. Sample outputs provided enriched 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"> Made us to list the achievements obtained in each and every phase. Made us to feel good and confident to move forward towards development phase. |
| 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"> Entire development phase is divided into four sprints. Design and build each and every module. |

ACTIVITY LIST

| Activity Number | Activity Name | Detailed Activity Description |
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| 1. | Main page | As a User, I can enter the web page once clicked, which provides be the Guidelines to use the app |
| 2. | Camera(Hand movement detection) | As a User, I can show my hand sign towards 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 Camera required, and other factors that are required for smooth functioning of the app. |

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|-----------------|------------------------------------|--|
| 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 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. |