Project Planning Phase

Milestone and Activity List

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| Date | 20 October 2022 |
| Team ID | PNT2022TMID47570 |
| Project Name | Real-Time communication system powered by AI  for specially abled |

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| **TITLE** | **DESCRIPTION** | **DATE** | **ACHIEVEMENT** |
|  |  |  | * Referring to **the** |
|  |  |  | **previous** |
|  | Literature survey on |  | **findings made to** |
| Literature Survey & | the |  | **understand** |
| Information | selected project & |  | **the drawbacks that** |
| Gathering | gatheringinformation | 28 SEPTEMBER | **are** |
|  | by  referring the,technical | 2022 | **present in the app.**   * Able to **understand** |
|  | papers, research |  | **the** |
|  | publications etc |  | **technologies and** |
|  |  |  | **methods** |
|  |  |  | **used** in building of |
|  |  |  | the |
|  |  |  | system.   * **Helped us to know** |
|  |  |  | **what** |
|  |  |  | **would be the output** |
|  |  |  | **if a** |
|  |  |  | **technology is used.** |
|  |  |  | * Empathy map |
|  |  |  | enabled us **to** |
|  | Prepare Empathy |  | **gather all the ideas at** |
|  | Map |  | **one** |
| Prepare Empathy  Map | Canvas to capture the  user | 24 SEPTEMBER  2022 | **single place.**   * Successfully |
|  | Pains & Gains, |  | segregated the |
|  | Prepare list |  | **pros, cons, public** |
|  | of |  | **opinion** |
|  | problemstatements |  | **and time required for** |
|  |  |  | **building of the app** |

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|  |  |  | and  other factors clearly.   * **Very helpful when we were**   **at the scratch.** |
| Ideation | List the by organizing the  brainstorming session and  prioritize the top 3 ideas  based on the feasibility & importance. | 25 SEPTEMBER  2022 | * 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** |
|  | Prepare the proposed |  |  |
|  | solution |  | * Once the ideation |
|  | document, which |  | was |
|  | includes the |  | finished, we as team |
|  | novelty, feasibility of |  | now |
|  | idea, |  | **decided our own** |
| **Proposed Solution** | business model, social |  | **solution in** |
|  | impact, | 23 SEPTEMBER | **order to solve the** |
|  | scalability of solution, | 2022 | **existing** |
|  | etc. |  | **problem.**   * Document made on |
|  |  |  | the |
|  |  |  | Problem statement, |
|  |  |  | customer satisfaction |
|  |  |  | and |

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|  |  |  | uniqueness made to **understand the core of the**  **existing problem, much**  **better.** |
| **Problem Solution Fit** | Prepare problem - solution fit  document. | 29 SEPTEMBER  2022 | * 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. | 17 OCTOBER  2022 | * 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** |

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|  |  |  | **performed.**   * **The operations involved in**   **the proposed solution are**  **briefed** in this diagram. |

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| **TITLE** | **DESCRIPTION** | **DATE** | **ACHIEVEMENT** |
| Customer Journey | Prepare the customer journeymaps to understand  the user interactions &  experiences with the application (entry to exit). | 03 OCTOBER  2022 | * 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 | 18 OCTOBER 2022 | * **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. |
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|  |  |  | * DFD is constructed |
|  |  |  | in order |
|  |  |  | to **understand the** |
|  |  |  | **start** |
|  |  |  | **and end process of** |
| Data Flow Diagrams | Draw the data flow |  | **app** |
|  | diagrams and submit  forreview. | 19 OCTOBER 2022 | **usage.**   * Also, **mentioned** |
|  |  |  | **the user** |
|  |  |  | **stories along with** |
|  |  |  | **their** |
|  |  |  | **sprints** to determine |
|  |  |  | the |
|  |  |  | amount of time |
|  |  |  | required in |
|  |  |  | implementing the |
|  |  |  | particular |
|  |  |  | sprint. |
|  |  |  | * **Given a detailed** |
|  |  |  | **mind** |
|  |  |  | **blowing architecture** |
|  |  |  | **where all the** |
|  | Prepare the Technolo |  | **technologies** |
|  | gy architecture |  | **are used and also the** |
| Technology | diagram. |  | **sequential process** |
| Architecture |  | 20 OCTOBER 2022 | from |
|  |  |  | start to end.   * **Sample outputs** |
|  |  |  | **provided** |
|  |  |  | **enriched the quality** |
|  |  |  | **and** |
|  |  |  | **importance** of using |
|  |  |  | the |
|  |  |  | app |
|  |  |  | * Made us to **list the** |
|  |  |  | **achievements** |
|  | Prepare the |  | **obtained in** |
| Prepare Milestone & | milestones |  | **each and every** |
| ActivityList | &activity list of the  project. | 20 OCTOBER 2022 | **phase.**   * Made us to **feel** |
|  |  |  | **good and** |
|  |  |  | **confident to move** |
|  |  |  | **forward** |

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|  |  |  | **towards development phase.** |
| **Project Development**  **- Delivery of Sprint - 1, 2, 3 &**  **4** | Develop & submit the developed code by testing  it. | IN PROGRESS… | * Entire development phase   is **divided into four sprints.**   * **Design and build**   each and every module . |

**ACTIVITY LIST**

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| **Activity Number** | **Activity Name** | **Detailed Activity**  **Description** |
| 1. | **Main page** | As a User, **I can enter the web page once**  **clicked, which provides be**  **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 functionalities**  **required to use the app** | As an Executive, I can **provide the**  **Specifications of Camera required, and**  **other factors** that are  required for |

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|  |  | smooth app. | functioning | of | the |

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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. |