

Project Planning Phase Milestone and Activity List

Date	03 November 2022
TeamID	PNT2022TMID30475
ProjectName	Real -Time Communication System Powered by AI For Specially Abled

TITLE	DESCRIPTION	DATE	ACHIEVEMENT
Literature Survey & Information Gathering	Literature survey on the selected project & gathering information by referring technical papers, research publications etc.	18 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	18 OCTOBER 2022	<ul style="list-style-type: none"> Empathy map enabled us together 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.

Ideation	<p>List the by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance.</p>	18 OCTOBER 2022	<ul style="list-style-type: none"> • Brainstorming session enabled us to join together and collectively generate 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 understanding.
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TITLE	DESCRIPTION	DATE	ACHIEVEMENT
ProposedSolution	Prepare the proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution, etc.	19 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 unders tand the core of the existing problem, much better.
ProblemSolutionFit	Prepare problem - solution fit document.	19 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.
SolutionArchitecture	Prepares solution architecture document.	19 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 operations being performed. The operations involved in the proposed solution are briefed in this diagram.

TITLE	DESCRIPTION	DATE	ACHIEVEMENT
CustomerJourney	Prepare the customerjourney maps tounderstandtheuserinteractions & experienceswith the application (entrytoexit).	02November 2022	<ul style="list-style-type: none"> • Listed different factors likeResearch, Comparison withothers, working conditionoftheapp,questioningand sign out. • It made to understand thecustomer's point of viewpreciselybefore, atpresentandafterusingt heapp.
FunctionalRequirement	Prepare thefunction alrequirementdocume nt.	02NOVEMBER 2022	<ul style="list-style-type: none"> • Stated the software andhardware requirementsrequiredfro muser'ssideinordertouse theapp. • Also mentioned thespecifications and thefunctionalitiesrequir edtousestheapp.
DataFlowDiagrams	Draw the data flowdiagrams and submitforreview.	02NOVEMBER 2022	<ul style="list-style-type: none"> • DFDisconstructedinorde rto understand the startand end process of appusage. • Also, mentioned the userstories along with theirsprints to determine theamount of time required inimplementing the particularsprint.
TechnologyArchitecture	Preparethetechnolog yarchitecturediagram .	02NOVEMBER 2022	<ul style="list-style-type: none"> • Given a detailed mind-blowing architecturewhere all the technologiesare used and also thesequential process fromstart toend. • Sampleoutputsprovide enriched the quality andimportance ofusingthe app.
PrepareMilestone& ActivityList	Prepare the milestones&activity list of theproject.	02NOVEMBER 2022	<ul style="list-style-type: none"> • Made us to list theachievements obtained ineach andeveryphase. • Made us to feel good andconfidenttomovefor wardtowards developmentphase.

Project Development - DeliveryofSprint-1,2,3& 4	Develop & submit thedevelopedcodebytest ingit.	INPROGRESS...	<ul style="list-style-type: none"> • Entire development phaseisdividedintofoursprints. • Design and build each andeverymodule
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ACTIVITY LIST

ActivityNumber	ActivityName	DetailedActivityDescription
1.	Mainpage	As a User, I can enter the webpage once clicked, which provides 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.

ActivityNumber	ActivityName	DetailedActivityDescription
5.	Checktheperformanceoftheapp	As an Executive, I can check the usage and queries obtained from the end users.
6.	Receivequeriesbasedontheusage	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 use the app effectively.