

Project Planning Phase

Project Milestone and Activity List

Team ID	PNT2022TMID36394
Project Name	Real-Time Communication System Powered by AI for Specially Abled
Maximum Marks	4 Marks

Milestone List:

Milestone	Duration	Submission Dates
Preparation Phase - Prerequisites - Registrations - Environment Set-up	22 - 27 Aug 2022	28 August, 2022
Ideation Phase - Literature Survey - Empathize - Defining Problem Statement - Ideation	29 Aug - 17 Sept 2022	18 September, 2022
Project Design Phase – I - Proposed Solution - Problem Solution Fit - Solution Architecture	19 Sept - 01 Oct 2022	02 October, 2022
Project Design Phase – II - Requirement Analysis - Customer Journey - Data Flow Diagram - Technology Architecture	3 - 15 Oct 2022	16 October, 2022
Project Planning Phase - Milestones & Tasks - Sprint Schedules	17 - 22 Oct 2022	23 October, 2022

Project Development Phase - Sprint 1 - Sprint 2 - Sprint 3 - Sprint 4	24 Oct - 19 Nov 2022	19 November, 2022
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Activity List:

Milestone	Activity Number	Activity Name	Description	Submission Dates
1. Preparation Phase	1	Prerequisites	Access the guided project workspace	28 August, 2022
	2	Environment Set-up	Install the necessary IDE's, Packages, set-up command line interfaces (CLI's) etc.	28 August, 2022
	3	Registrations	Create GitHub account & collaborate to with Project Repository in project workspace	28 August, 2022
2. Ideation Phase	4	Literature survey	Literature survey on the selected project & Information Gathering	17 September, 2022
	5	Problem Statements	Define the Problem Statement to understand your customer's point of view about the problem.	10 September, 2022
	6	Empathy Map	Empathize & Discover about the user.	10 September, 2022
	7	Brain – Storming	Ideation, Brainstorming & Idea Prioritization for the project.	17 September, 2022
3. Project Design Phase – I	8	Proposed Solution	Describes the Problem Statement (Problem to be solved), Idea/ Solution description, Novelty/ Uniqueness, Social Impact/ Customer Satisfaction, Business Model (Revenue Model) and Scalability of the Solution of the project.	24 September, 2022
	9	Problem Solution Fit	Prepare Problem Solution Fit document.	01 October, 2022
	10	Solution Architecture	Bridge the gap between business problems and technology solutions.	01 October, 2022

4. Project Design Phase – II	11	Customer Journey Map	Prepare the customer journey maps to understand the user interactions & experiences with the application (entry to exit).	08 October, 2022
	12	Solution Requirements	Describe the Functional & Non-functional Requirement for the Proposed Solution.	15 October, 2022
	13	Data Flow Diagram	A visual representation of the information flows within a system, and provide information about right amount of the system requirement. Show how data enters and leaves the system and where data is stored.	15 October, 2022
	14	Technology Stack	Describe Architectural Diagram, it's Components, Technologies used and Application Characteristics.	15 October, 2022
5. Project Planning Phase	15	Prepare Milestone & Activity List	Prepare the milestones & activity list of the project	22 October, 2022
	16	Sprint Delivery Plan	Describe about the Product Backlog, Sprint Planning, Stories, Story points using Agile Software Development Methodologies such as Scrum, JIRA etc.	22 October, 2022
6. Project Development Phase	17	Delivery of Sprint – 1	Creating a standard Webpage.	29 October, 2022
	18	Delivery of Sprint – 2	Creating a user-friendly website.	05 November, 2022
	19	Delivery of Sprint – 3	Mobile and Desktop accessibility.	12 November, 2022
	20	Delivery of Sprint – 4	Adding new features.	18 November, 2022