Milestone and Activity list

Date	29 October 2022
Team ID	PNT2022TMID51465
Project Members	Arockia prathicksha A, Amara M, Aarthi R, Streling Sneha D
Project Name	AI Powered Nutritional Analyzer For Fitness Enthusiasts
Project mentors	Faculty mentor – Angel C

Activity number	Activity name	Detailed activity description	Assigned to
1	**Preparation Phase**	• Access the resources (courses) in project dashboard • Access the guided project workspace • Create GitHub account & collaborate with Project Repository in project workspace • Set-up the Laptop / Computers based on the prerequisites for each technology track	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
2	**Ideation Phase**		
2.1	Literature survey	Literature survey on the selected project & Information Gathering	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
2.2	Define a problem statement	Prepare the list of problem statements to understand the user needs	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
2.3	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R

2.4	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
3	**Project Design Phase I**		

Activity number	Activity name	Detailed activity description	Assigned to
3.1	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
3.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
3.3	Solution Architecture	Prepare an architecture for solution	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
4	**Project Design Phase II**		
4.1	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
4.2	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
4.3	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0 (Industry Standard)	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
4.4	Technology Architecture	Prepare Technology Architecture of the solution	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
5	**Project Planning Phase**		

5.1	Milestones & Tasks	Prepare Milestone & Activity List	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
5.2	Sprint Schedules	Prepare Sprint Delivery Plan	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
6	**Project Development Phase**		
Activity number	**Activity name**	**Detailed activity description**	
6.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
6.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R
6.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Krishnasamy R, Sakthivel S, Sathishkumar S, Shaheen Ahmad S, Ranjith R

Milestone with timeline chart:

Empathy Map, Literature survey, Brainstorm & idea proioritization, Problem statement

Solution architecture, Problem solution fit

Solution requirement

Milestone & activity, Sprint delivery plan

Sprint 2

Sprint 4

13 SEP

24 Sep

8 oct

15 oct

29 oct

12 nov

22 AUG

17 Sep

1 oct

13 oct

22 oct

5 nov

19 nov

Git colab

Proposed solution

Customer journey map

Technolgy stack

Sprint 1

Sprint 3