

### Milestone and Activity list

Date	29 October 2022
Team ID	PNT2022TMID46153
Project Members	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
Project Name	AI Powered Nutritional Analyzer For Fitness Enthusiasts
Project mentors	Industry mentor – Sri Tulasi Faculty mentor – PADMAVATHI.R

Activity number	Activity name	Detailed activity description	Assigned to
<b>1</b>	<b>Preparation Phase</b>	<ul style="list-style-type: none"> <li>Access the resources (courses) in project dashboard</li> <li>Access the guided project workspace</li> <li>Create GitHub account &amp; collaborate with Project Repository in project workspace</li> <li>Set-up the Laptop / Computers based on the prerequisites for each technology track</li> </ul>	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>2</b>	<b>Ideation Phase</b>		
<b>2.1</b>	Literature survey	Literature survey on the selected project & Information Gathering	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>2.2</b>	Define a problem statement	Prepare the list of problem statements to understand the user needs	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>2.3</b>	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.

<b>2.4</b>	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>3</b>	<b>Project Design Phase I</b>		

<b>Activity number</b>	<b>Activity name</b>	<b>Detailed activity description</b>	<b>Assigned to</b>
<b>3.1</b>	Proposed Solution	Preparation of proposed solution document, which includes the novelty, feasibility of idea, business model, social impact, scalability of solution	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>3.2</b>	Problem Solution Fit	Prepared problem is analyzed and make effective solutions for the problem	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>3.3</b>	Solution Architecture	Prepare an architecture for solution	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>4</b>	<b>Project Design Phase II</b>		
<b>4.1</b>	Requirement Analysis	Prepare the Functional Requirement and Non- Functional Document	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>4.2</b>	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>4.3</b>	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level 0 (Industry Standard)	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>4.4</b>	Technology Architecture	Prepare Technology Architecture of the solution	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.

<b>5</b>	<b>Project Planning Phase</b>		
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<b>5.1</b>	Milestones & Tasks	Prepare Milestone & Activity List	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>5.2</b>	Sprint Schedules	Prepare Sprint Delivery Plan	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>6</b>	<b>Project Development Phase</b>		
<b>Activity number</b>	<b>Activity name</b>	<b>Detailed activity description</b>	
<b>6.1</b>	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>6.2</b>	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.	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.
<b>6.3</b>	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	YOWANSELVALUMAR D, HARISHRAGAVENDRA M, SUBASH S, SAKTHIVEL. S ,ELAMPARETHI.A.

**Milestone with timeline chart:**

