Project Planning Phase
Project Planning Template (PROJECT MILESTONE)

Date	18 October 2022
Team ID	PNT2022TMID32676
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

Project Milestone (4 Marks)

Sno	Milestone	Description	Duration
1	Ideation and requirement analysis	Elicitaing the requirements keeping the end users scope in mind. Identifying the functional and non-functional requirements in the project	1 week
2	Planning & designing	Making the initial plan including brainstorming, discussions, and analysis to come up with the design of the initial iteration	1 week
3	Setting up a work environment	Setting up the working environment, walkthrough of various algorithm and their working to get started with the development phase	3 days
4	Cloud Connection	Setting up IBM cloud to test connections to store user data to authenticate them	2 days
5	Training and testing Model	Working with an algorithm to bring out an AI model that is trained with labeled data, video footage, cocoJson and various inputs to detect drowning and also to validate and evade situations where there is no drowning	2 weeks
6	User Interface	Making the frontend HTML pages styled with CSS to create a website with proper UI to make UX simple and minimal	3 days
7	User authentication	Adding login, registration and super user capabilities to the site using user entry authentication	3 days
8	Interconnectivity & testing	Connecting the UI to the python backend using flask, running the site and making crucial changes and reworking the itertaion	10 days
9	Deployment	Deploying the live site on platforms such as docker container	2 days