

## Project Planning Phase

### Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	28 <sup>th</sup> October 2022
Team ID	PNT2022TMID28900
Project Name	VirtualEye- Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	4 Marks

## Prepare Milestone and Activity List

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Mughilvannan M Hari karthikeyan K
Sprint-1	Registration	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Ashok A Vigneshwar T
Sprint-1	Registration	USN-3	As a user, I can register for the application through Facebook	2	Low	Mughilvannan M Vigneshwar T
Sprint-1	Registration	USN-4	As a user, I can register for the application through Gmail	2	Medium	Ashok A Vigneshwar T
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Mughilvannan M Vigneshwar T

Sprint-2	Dataset Collect	USN-6	Collect number of datasets and get accuracy	2	Medium	Ashok A Vigneshwar T
Sprint-2	Pre-processing	USN-7	The dataset is extracted	2	High	Mughilvannan M Hari karthikeyan K
Sprint-2	Train the model	USN-8	Train the model.	4	High	Ashok A Vigneshwar T
Sprint-2	Test the model	USN-9	Test the model	6	High	Hari karthikeyan K Vigneshwar T
Sprint-3	Detection	USN-10	Load the trained model.	3	High	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M
Sprint-3	Detection	USN-11	Identify the person by collecting real-time data through a webcam.	5	Medium	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M
Sprint-3	Detection	USN-12	classify it by using a trained model to predict the output	8	High	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M

Sprint-4	Detection	USN-13	If person is drowning, the system will ring an alarm to give signal	7	High	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M
Sprint-4	Detection	USN-14	As a User,I can detect the drowning person.	3	Medium	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M
Sprint-4	Logout	USN-15	As a User,I can logout the application.	2	Low	Ashok A Vigneshwar T Hari karthikeyan K Mughilvannan M

