

# VirtualEye - Life Guard For Swimming Pools To Detect Active Drowning

## Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID18651
Project Name	VirtualEye - Life Guard for Swimming Pools to Detect Active Drowning
Maximum Marks	8 Marks

### 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	VIR-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Joshini
Sprint-1	Registration	VIR-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Jamuna
Sprint-2	Registration	VIR-3	As a user, I can register for the application through Facebook	2	Low	Jayashangaree
Sprint-1	Registration	VIR-4	As a user, I can register for the application through Gmail	2	Medium	Vihagini
Sprint-1	Registration	VIR-5	As a user, I can log into the application by entering email & password	1	High	Dhivya

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Dataset Collect	VIR-7	Collect number of datasets and get accuracy	4	High	Joshini
Sprint-2	Pre-processing	VIR-8	The dataset is extracted	4	Medium	Jamuna
Sprint-2	Train the model	VIR-9	Test the model	5	High	Jayashangaree
Sprint-2	Test the model	VIR-10	Train the model	5	High	Vihagini
Sprint-3	Detection	VIR-12	Load the trained model.	5	High	Jamuna
Sprint-3	Detection	VIR-13	Identify the person by collecting real-time data through a webcam.	9	Medium	Joshini
Sprint-3	Detection	VIR-14	classify it by using a trained model to predict the output	3	Medium	Dhivya
Sprint-4	Detection	VIR-15	If person is drowning, the system will ring an alarm to give signal	4	Medium	Jayashangaree
Sprint-4	Detection	VIR-16	As a User,I can detect the drowning person.	8	High	Dhivya
Sprint-4	Logout	VIR-17	As a User,I can logout the application.	2	High	Vihagini

