

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID30291
Project Name	VirtualEye - Life Guard For Swimming Pools To Detect Active Drowning
Maximum Marks	8 Marks

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

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	Pavithra T
Sprint-1		USN-2	As a user, I will receive a confirmation email once I have registered for the application	2	Medium	Mohanapriya C
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Low	Prasanna Priadarsan M
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	Medium	Niveatha Ruba G
Sprint-2	Dataset Collection	USN-5	Collect the number of datasets and get accuracy based on the datasets.	3	High	Prasanna Priadarsan M
Sprint-2	Data preprocessing	USN-6	The dataset is extracted and used to train the model.	4	High	Mohanapriya C
Sprint-2	Train the model	USN-7	Train the model using the training set.	5	High	Niveatha Ruba G
Sprint-2		USN-8	Test the model	8	High	Prasanna Priadarsan M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3	<b>Detection</b>	USN-9	Load the trained model.	5	High	Mohanapriya C
Sprint-3		USN-10	Detect the person by collecting real-time data and classify it by using a trained model to predict the output	9	High	Pavithra T
Sprint-4	<b>Notification</b>	USN-11	If it detects the drowning person, the system will ring an alarm for notification.	6	High	Niveatha Ruba G
Sprint-4		USN-12	As a User, I can detect the drowning person	3	Medium	Pavithra T
Sprint-4	<b>Logout</b>	USN-13	As a User, I can logout from the application.	2	Low	Mohanapriya C

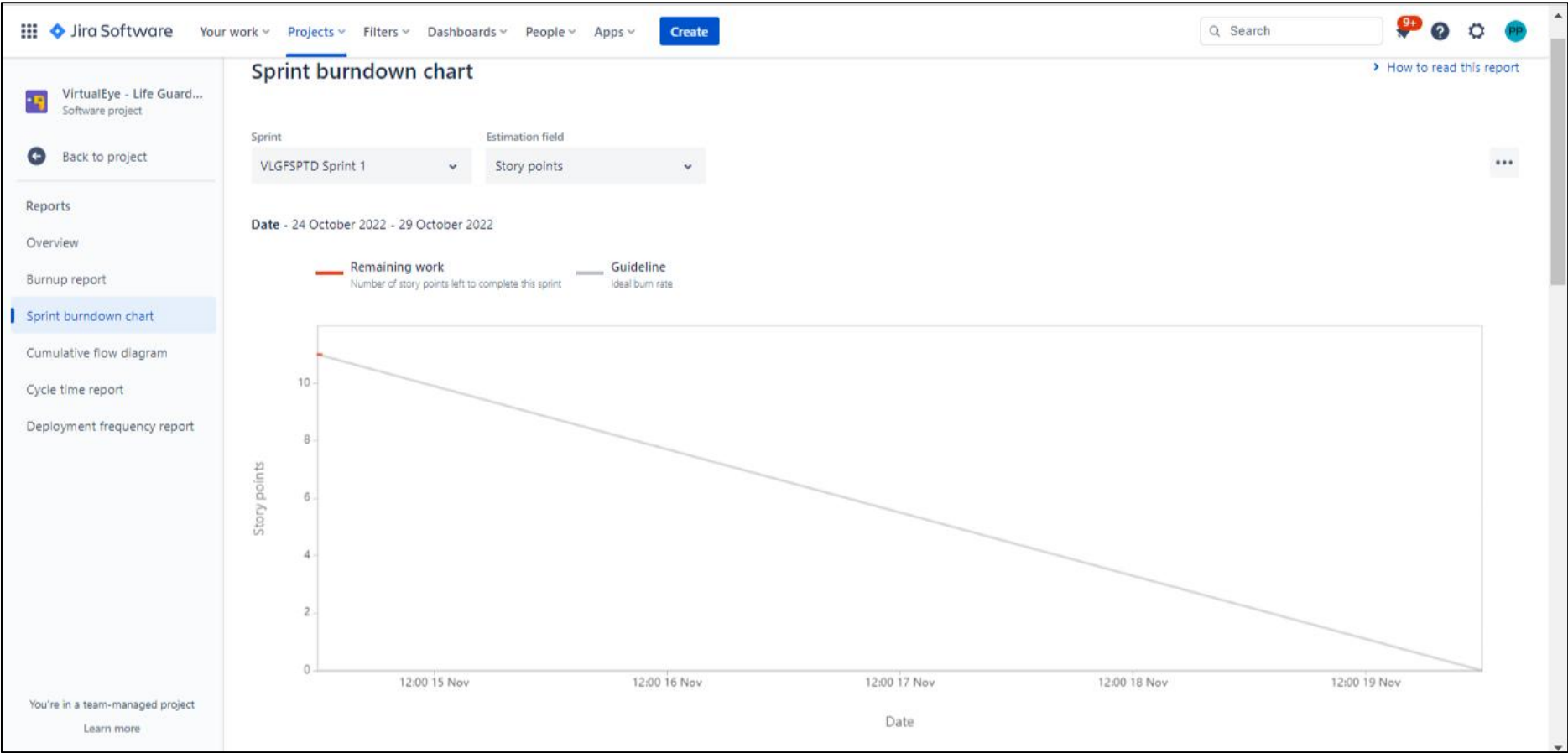
**Project Tracker, Velocity & Burndown Chart: (4 Marks)**

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	8	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	14	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	11	6 Days	14 Nov 2022	19 Nov 2022		

**Velocity:**

$$AV = 8.82/4 = 2.20$$

Burndown Chart:



Road Map:

