

## Project Planning Phase

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

Date	21 October 2022
Team ID	PNT2022TMID52841
Project Name	Project – Web Phishing Detection
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	Feature selection, Feature vectorization, Prediction, Classifier	USN-1	As a user, I can paste the link that needs to be verified as a phishing site or not.	20	High	Logeshwari R Mohanappriya K
Sprint-2	Detection, website comparison	USN-2	Blacklist filtering, whitelist filtering ,Uploading the model in IBM cloud and using Flask API	20	High	Sindhuja S Sowmya K
Sprint-3		USN-3	As a user, I can avail the service provided by the webpage.	5	Low	Logeshwari R Sindhuja S
Sprint-3		USN-3	As a administrator, I can see the status of the webpage	5	Low	Mohanappriya K Sowmya K
Sprint-3	Registration	USN-3	As a user, I can register or log in to thewebpage to use its service	10	High	Logeshwari R Sowmya K
Sprint-4	Confirmation	USN-4	As a user, I can login using Gmail, apple, LinkedIn API and use the web service	20	High	Mohanappriya K Sindhuja S

**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	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Oct 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

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**Burndown Chart:**

The Burndown chart for 10 days is given below:

DAY	ESTIMATED WORK	ACTUAL WORK
1	150	125
2	135	110
3	120	100
4	105	90
5	90	75
6	75	59
7	60	48
8	45	30
9	30	16
10	15	8
11	0	0

Estimated work vs Actual work

