

## Project Planning Phase: Project Planning Template

Date: 28 November 2022

Team ID:

Project Name: Project - Personal Loan Approval Using Machine Learning

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
USN-1	Registration - As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Malay Patel	Sprint-1
USN-1	Registration - As a user, I will receive confirmation email once I have registered for the application.	1	High	Malay Patel	Sprint-2
USN-1	Registration - As a user, I can register for the application through Facebook.	2	Low	Malay Patel	Sprint-3
USN-1	Registration - As a user, I can register for the application through Gmail.	2	Medium	Malay Patel	Sprint-4
USN-1	Login - As a user, I can log into the application by entering email & password.	1	High	Malay Patel	Sprint-5

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

### Sprint Details:

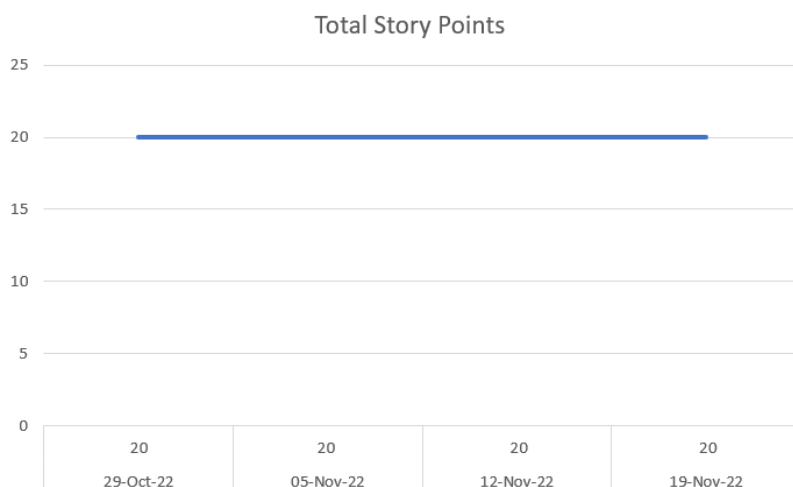
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24-Oct-22	29-Oct-22	20	29-Oct-22
Sprint-2	20	6 Days	31-Oct-22	05-Nov-22	20	5-Nov-22
Sprint-3	20	6 Days	07-Nov-22	12-Nov-22	20	9-Nov-22
Sprint-4	20	6 Days	14-Nov-22	19-Nov-22	20	20-Nov-22

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)

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

### Burndown Chart:



A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such

as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

## Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>