

## Project Planning Phase Project Planning Template

|               |  |
|---------------|--|
| Date          | 18 October 2023  |
| Team ID       | 591222   |
| Project Name  | Dissecting the Digital Landscape: A Comprehensive Analysis of Social Media |
| 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     |              |
| Sprint-1 |                               | USN-2             | As a user, I will receive confirmation email once I have registered for the application                   | 1            | High     |              |
| Sprint-2 |                               | USN-3             | As a user, I can register for the application through Facebook  | 2            | Low      |              |
| Sprint-1 |                               | USN-4             | As a user, I can register for the application through Gmail   | 2            | Medium   |              |
| Sprint-1 | Login                         | USN-5             | As a user, I can log into the application by entering email & password                                    | 1            | High     |              |
|          | Dashboard                     |                   |   |              |          |              |
|          |                               |                   |   |              |          |              |
|          |                               |                   |   |              |          |              |

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

| Sprint   | Total Story Points | Duration | Sprint Start Date | Sprint End Date<br>(Planned) | Story Points<br>Completed (as on<br>Planned End Date) | Sprint Release Date<br>(Actual) |
|----------|--------------------|----------|-------------------|------------------------------|---|---------------------------------|
| Sprint-1 | 20                 | 6 Days   | 9 Oct 2023        | 15 Oct 2023                  | 20  | 29 Oct 2022                     |
| Sprint-2 | 20                 | 6 Days   | 18 Oct 2023       | 23 Oct 2023                  |   |                                 |
| Sprint-3 | 20                 | 6 Days   | 25 Oct 2023       | 30 Oct 2023                  |   |                                 |
| Sprint-4 | 20                 | 6 Days   | 3 Nov 2023        | 8 Nov 2023                   |   |                                 |
| Sprint-5 | 20                 | 6 Days   | 11 Nov 2023       | 16 Nov 2023                  |   |                                 |
|          |                    |          |                   |                              |   |                                 |
|          |                    |          |                   |                              |   |                                 |
|          |                    |          |                   |                              |   |                                 |

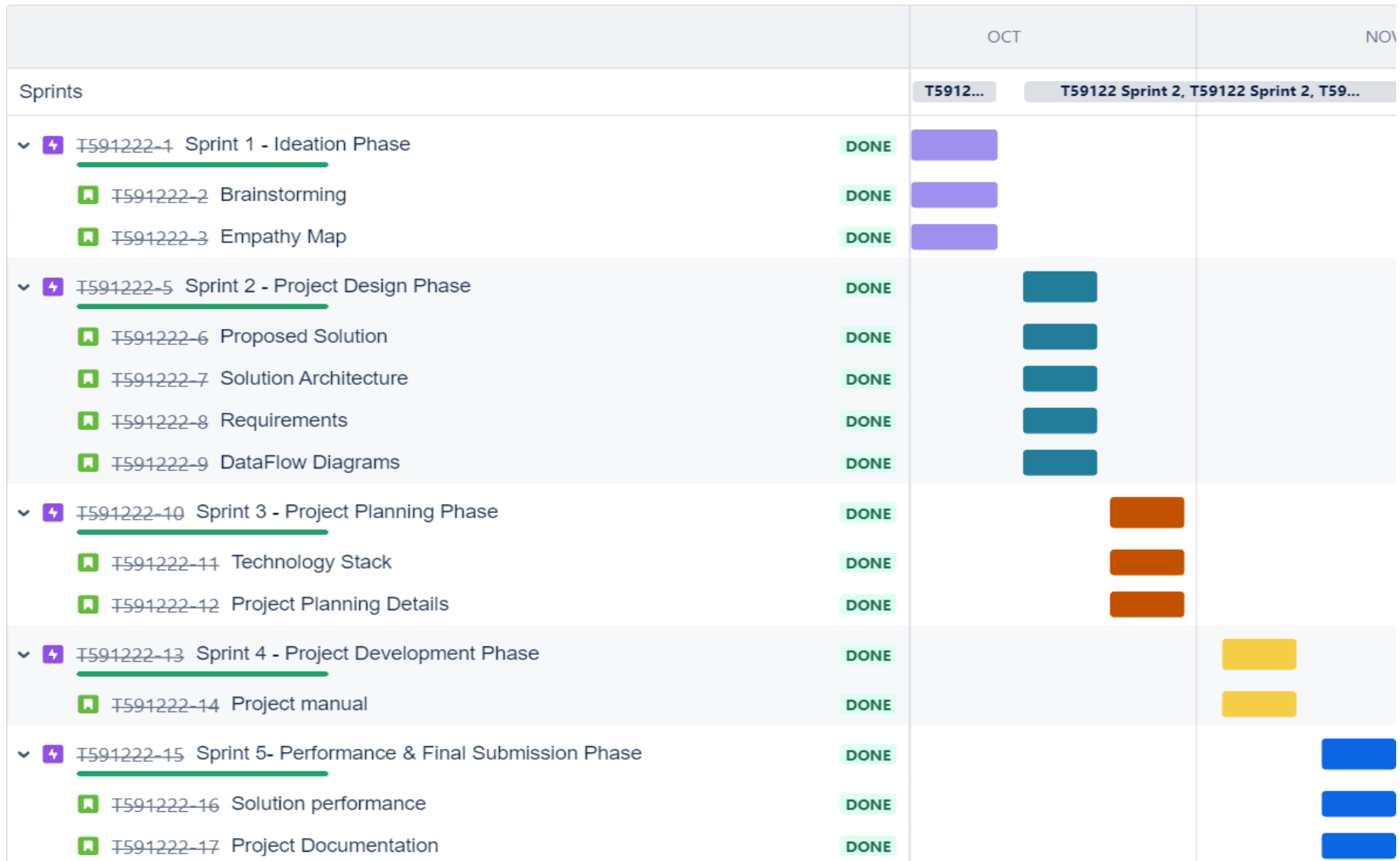
**Velocity:**

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)

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

## 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.



**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>