

## Project Planning Phase

### Sprint Delivery Plan

|               |                             |
|---------------|-----------------------------|
| Date          | 18 October 2022             |
| Team ID       | PNT2022TMID23152            |
| Project Name  | Global Sales Data Analytics |
| 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 Member                 |
|----------|-------------------------------------|-------------------|--|--------------|----------|-----------------------------|
| Sprint-1 | Registration (Customer Mobile User) | UNS-1             | As a user, I can register for the Application by entering my email, password, and authenticating it. | 1            | High     | Maya Jegadish & Srivartshan |

|          |                            |       |                     |   |      |                  |
|----------|----------------------------|-------|---------------------|---|------|------------------|
| Sprint-1 | Collecting & understanding | UNS-2 | As a user, I should | 1 | High | Abdul and Suriya |
|----------|----------------------------|-------|---------------------|---|------|------------------|

|                  |                             |        |   |   |      |                             |
|------------------|-----------------------------|--------|---|---|------|-----------------------------|
|                  | Dataset                     |        | upload the dataset for analysing  |   |      |                             |
| <b>Sprint-2</b>  | Data preprocessing          | USN-3  | The dataset to be cleaned and processed using python,pandas and Numpy                         | 3 | High | Maya Jegadish & Srivartshan |
| <b>Sprint -2</b> | Data visualization          | USN-4  | Perform data visualisation  | 3 | High | Abdul & Suriya              |
| <b>Sprint -3</b> | Create dashboard deployment | USN- 5 | Create a dashboard to present the visualisation should create website to deploy the dashboard | 3 | High | Maya Jegadish & Srivartshan |
| <b>Sprint -3</b> | Access the website          | USN-8  | As a user, I can register, login to Access my Sales Data Analytics Dashboard                  | 1 | High | Abdul & Suriya              |

|                   |                              |          |   |   |      |                             |
|-------------------|------------------------------|----------|---|---|------|-----------------------------|
| <b>Sprint –4</b>  | Embed Dashboard into Website | USN-9    | As a programmer, I want to embed dashboard to website so the user can access the dashboard easily through website | 3 | High | Maya Jegadish & Srivartshan |
| <b>Sprint - 4</b> | Publish Website              | USN - 10 | As a programmer, I should publish the website to be accessible by all   | 1 | High | Abdul & Suriya              |

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

| <b>Sprint</b> | <b>Total Story Points</b> | <b>Duration</b> | <b>Sprint Start Date</b> | <b>Sprint End Date (Planned)</b> | <b>Story Points Completed (as on Planned End Date)</b> | <b>Sprint Release Date (Actual)</b> |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1      | 2                         | 6 Days          | 24 Oct 2022              | 29 Oct 2022                      | 2  | 6 Nov 2022                          |
| Sprint-2      | 6                         | 6 Days          | 30 Oct 2022              | 06 Nov 2022                      | 6  | 8 Nov2022                           |
| Sprint-3      | 4                         | 6 Days          | 07 Nov 2022              | 12 Nov 2022                      | 4  | 12 Nov2022                          |
| Sprint-4      | 4                         | 6 Days          | 13 Nov 2022              | 19 Nov 2022                      | 4  | 19 Nov2022                          |

**Velocity:**

AV for sprint 1= Total story points/ Sprint

Duration =2/6=0.333

AV for sprint 2= Total story points/ Sprint

Duration=6/6=1

AV for Sprint 3= Total story points/ Sprint

Duration =4/6=0.666

AV for Sprint 4=Total story points/ Sprint

Duration =4/6=0.666

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

## **BURNDOWN CHART**

A burndown 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.

