**Project Development Phase**

**Delivery Of Sprint - 1**

**Planning Template (Product Backlog, Sprint Planning, Stories, Story points)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional**  **Requirements (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 | A.Mohammed zubairali  S.Mohammed Suhail Manas  S.Bayas Abdul Rahiman  SB.Shajahan |

Team leader : A.Mohammed zubairali

Team member : S.Mohammed Suhail Manas

Team member : S.Bayas Abdul Rahiman

Team member :SB.Shajahan

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

Use the below template to create product backlog and sprint schedule

**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 |

**Velocity:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 |  | USN-2 | As a user,I will receive confirmation Email once I have registered for the application | 1 | High | A.Mohammed zubairali  S.Mohammed Suhail Manas  S.Bayas Abdul Rahiman  SB.Shajahan |
| Sprint-1 | Login | USN-3 | As a user,I can log into the application by entering Email  and password | 1 | High | A.Mohammed zubairali  S.Mohammed Suhail Manas  S.Bayas Abdul Rahiman  SB.Shajahan |

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)

**Average Velocity = Story**

**Points per Day**

**Sprint Duration = Number of**

**(Duration) days per Sprint**

**Velocity = Points per Sprint**

**20**



**AV=**

**6**

Therefore, the **AVERAGE VELOCITY IS 4 POINTS PER SPRINT**

**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.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Sprint  Number | Day 0 | Day 1 | Day 2 | Day 3 | Day 4 | Day 5 | Day 6 |
| Sprint-1 | 20 | 0 | 10 | 5 | 3 | 1 | 1 |



