Project Planning Phase

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

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| --- | --- |
| Date | 12 November 2022 |
| Team ID | PNT2022TMID21004 |
| Project Name | Project: Real – Time Communication System Powered by AI for Specially – Abled |
| Maximum Marks | 4 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. | 3 | High | SHIVARAMAN G |
| Sprint – 1 | Authentication | USN – 2 | As a user, I will receive OTP to confirm details. | 2 | High | ARAVINDAN S |
| Sprint – 1 | Registration | USN – 3 | As a user, I will receive confirmation email once I have registered for the application. | 1 | Low | MOHAMMED ZAID J |
| Sprint – 1 | Login | USN – 4 | As a user, I can log into the application by entering email & password. | 2 | High | ARUNACHALAM V R |
| Sprint – 2 | Dashboard | USN – 5 | As a user, I must have one place to explore all available features. | 3 | High | SHIVARAMAN G |
| Sprint – 2 | Login | USN – 6 | As a user, If I forget my password, I must get an auto-generated password to reset my password. | 2 | Medium | SHIVARAMAN G |
| Sprint – 3 | Help | USN – 7 | As a user, I must be able to reach out to the Support Team to get my issues resolved. | 1 | Low | SATHESH KANNAN A |

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| Sprint – 3 | Management | USN – 8 | As a user, I can access the site using mobile/ desktop. | 3 | High | ARAVINDAN S |
| Sprint – 4 | System | USN – 9 | As a user, I must have access to previous usage history. | 2 | Medium | ARUNACHALAM V R |
| Sprint – 4 | System | USN – 10 | As a user, I can have audio output as well as text output. | 3 | High | MOHAMMED ZAID J |

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

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| --- | --- | --- | --- | --- | --- | --- |
| **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 | 8 | 6 Days | 24 October, 2022 | 29 October, 2022 | 8 | 01 November, 2022 |
| Sprint – 2 | 5 | 6 Days | 31 October, 2022 | 05 November, 2022 | 5 |  |
| Sprint – 3 | 4 | 6 Days | 07 November, 2022 | 12 November, 2022 | 4 |  |
| Sprint – 4 | 5 | 6 Days | 14 November, 2022 | 19 November, 2022 | 5 |  |

**Velocity:**

* Average Velocity → AV
* Velocity → Points per sprint
* Sprint Duration → Number of days per sprint

Average Velocity =

Velocity Sprint Duration

1. Sprint-1: AV = 8/6 = 1.34

2. Sprint-1: AV = 5/6 = 0.834

3. Sprint-1: AV = 4/6 = 0.67

4. Sprint-1: AV = 5/6 = 0.834