Project Planning Phase Sprint Delivery Plan

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| Date | 3 November 2022 |
| Team ID | PNT2022TMID41907 |
| Project Name | Personal Assistance for Seniors Who Are Self- Reliant |
| Maximum Marks | 8 Marks |

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

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| --- | --- | --- | --- | --- | --- | --- |
| 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 | V.Jayavarshini |
| Sprint-1 | IBM Watson | USN-2 | To Create IOT device (ESP32) under IBM Watson and setting IBM Watson IoT platform  for ESP32 and develop Python code to interface | 1 | High | V.Jayavarshini  M.Pavithra  G.Guru Prakash  K.Samson Jayakumar |
| Sprint-2 | Node-RED | USN-3 | To create application to feed the medicine details | 2 | High | V.Jayavarshini  M.Pavithra |

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| Sprint-3 | Web UI | USN-4 | To Create Dashboard to view the updates | 2 | Medium | V. Jayavarshini  M. Pavithra |
| Sprint-4 | Output | USN-5 | Provide TTS service and final Result | 1 | High | V. Jayavarshini  M. Pavithra  G. Guru Prakash  K. Samson Jayakumar |

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 | 20 | 6 Days | 24 Oct 2022 | 31 Oct 2022 | On process | On process |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | On process | On process |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | On process | On process |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | On process | On process |

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)

