Project Planning Phase

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

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| Date | 18 October 2022 |
| Team ID | PNT2022TMID52751 |
| Project Name | Project - 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 | Creation of WEB UI | USN-1 | Create an application using IBM Watson and Node Red | 10 | High | Sankar Kalidas |
| Sprint-2 | Registration | USN-2 | I want to register for the application by entering my email | 4 | High | Bala Surya |
| Sprint-2 |  | USN-3 | I want to register for the application using my phone number | 4 | Medium | Bala Surya |
| Sprint-2 | Authorization | USN-4 | I want to confirm my registration using OTP or Email | 1 | Low | Kavi |
| Sprint-2 |  | USN-5 | I want to login using my email/phone number and password | 1 | High | Praveen |
| Sprint-2 | Creating database in IBM Cloud | USN-6 | I want to store my medicine intake data in a tabular form for better remembrance | 10 | High | Roshan Tariq |
| Sprint-2 |  | USN-7 | I would like to update the information in the medicine intake chart so as to prevent any incidents | 5 | Medium | Roshan Tariq |
| Sprint-3 | Text-to-Speech | USN-8 | I would like a voice based reminder system for efficient reminding | 20 | High | Bala Surya, Roshan  Tariq,Sankar Kalidas |
| Sprint-4 | Report Generation | USN-9 | I want to see reports on my medicine intake for this current week | 20 | Medium | Praveen, Kavi |

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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 | 7 Days | 21 Oct 2022 | 27 Oct 2022 | 20 | 01 Nov 2022 |
| Sprint-2 | 15 | 7 Days | 28 Oct 2022 | 03 Nov 2022 | 15 | 07 Nov 2022 |
| Sprint-3 | 20 | 7 Days | 07 Nov 2022 | 13 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 7 Days | 14 Nov 2022 | 20 Nov 2022 | 20 | 17 Nov 2022 |

Velocity:

AV = *(sprint duration)/ (velocity)* ***=* 20/7 = 2.85**

AV *= (sprint duration)/ (velocity)* ***=* 15/7 = 2.14**

-Sprints 1 and 2:







