Project Planning Phase

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

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| --- | --- |
| Date | 5 November 2023 |
| Team ID | Team-592600 |
| Project Name | Alzheimer disease prediction |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Data augmentation | USN-1 | The data has to be augmented in a suitable format for model building | 2 | High | Tharun Ashwin B |
| Sprint-1 |  | USN-2 | The data has to be replicated using SMOTE for effective prediction | 1 | High | Sree Vignesh V |
| Sprint-1 |  | USN-3 | A CNN model has to be defined and has to be tested for effectiveness in the required application | 2 | Medium | Sree Vignesh V |
| Sprint-2 |  | USN-4 | The model has to be trained using a suitable split of training, testing and validation data | 2 | High | Krithik Raja M |
| Sprint-2 |  | USN-5 | The model’s performance has to be evaluated using performance metrics as well as a random value | 1 | Meduim | Tharun Ashwin B |
| Sprint 3 |  | USN-6 | Suitable html files has to be created to integrate the model into a web application using Flask | 2 | High | Krithik Raja M |
| Sprint 3 |  | USN-7 | Suitable python script has to be written to integrate the model with the web application using flask | 2 | High | Sree Vignesh V |
|  |  |  |  |  |  |  |

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 2023 | 29 Oct 2023 | 6 | 30 Oct 2023 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2023 | 05 Nov 2023 | 9 | 05 Nov 2023 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2023 | 09 Nov 2023 | 13 | 111 Nov 2023 |