Project Planning Phase

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

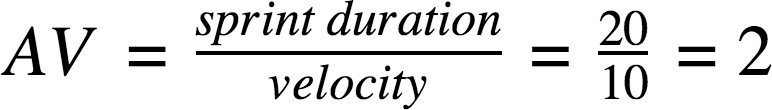
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| --- | --- |
| Date | 27 October 2022 |
| Team ID | Team-591213 |
| Project Name | Visualizing and Predicting Heart Diseases with an Interactive Dash Board |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

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| --- | --- | --- | --- | --- | --- | --- |
| Sprint | Functional  Requirement (Epic) | User Story  Number | User Story / Task | Story Points | Priority | Team  Members |
| Sprint-1 | Project Setup and development | USN-1 | Set up the development environment with the required tools and frameworks to start the visualisng and predicting heart disease.  Gathering related data. | 5 | Medium | Khyathi,Shriraj patil ,Lavishyadav,vinayak shukla |
| Sprint-2 | Data Preprocessing | USN-2 | Preprocess the collected dataset by normolising and transforming | 5 | Medium | All Menbers |
| Sprint-3 | DashBoards and Visualisations | USN-3 | Creating visualizations and stories and predicting the Disease with RandomForest Algorithm | 5 | Medium | All Members |
| Sprint-4 | Testing quality | USN-4 | conduct thorough testing of the model and web interface to identify and report any issues or bugs. | 5 | Medium | All Members |
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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 | 5 | 3Days | 16 Oct 2023 | 18 Oct 2023 | 20 | 28 Oct 2023 |
| Sprint-2 | 5 | 3Days | 21 Oct 2023 | 23 Oct 2023 |  |  |
| Sprint-3 | 5 | 5Days | 1 Nov 2023 | 5 Nov 2023 |  |  |
| Sprint-4 | 5 | 3 Days | 7 Nov 2023 | 9 Nov 2023 |  |  |
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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)