

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

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| Date | 21 July 2025 |
| Team ID | Isha Sanjay Khataavkar |
| Project Name | FetalAI: USING MACHINE LEARNING TO PREDICT AND MONITOR FETAL HEALTH |
| Maximum Marks | 8 Marks |

Product Backlog, Sprint Schedule, and Estimation:

| Sprint | Functional Requirement (Epic) | User Story Number | User Story/Task | Story Point | Priority | Team Member |
|----------|-------------------------------|-------------------|-------------------------------------|-------------|----------|-------------|
| Sprint-1 | Prediction | USN-1 | Analyse/Predict for new data | 2 | High | NA |
| Sprint-1 | | USN-2 | User get Predicted output | 1 | High | NA |
| Sprint-2 | | USN-3 | User missed a field area in analyse | 1 | Medium | NA |
| Sprint-3 | | USN-4 | User go to About page | 1 | Low | NA |
| Sprint-3 | | USN-5 | User go to Contact Us page | 2 | Low | NA |

Project Tracker, Velocity & Burndown Chart:

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Point Completed (as on planned End Date) | Sprint Release Date (Actual) |
|----------|--------------------|----------|-------------------|---------------------------|--|------------------------------|
| Sprint-1 | 20 | 4 Days | 25 Aug 2024 | 28 Aug 2024 | 20 | 28 Aug 2024 |
| Sprint-2 | 20 | 4 Days | 30 Aug 2024 | 02 Sept 2024 | 20 | 02 Sept 2024 |
| Sprint-3 | 20 | 4 Days | 04 Sept 2024 | 07 Sept 2024 | 20 | 07 Sept 2024 |

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day):

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{4} = 5$$

Burndown Chart:

