

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Storypoints)

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| Date | 18October 2022 |
| Team ID | PNT2022TMID29142 |
| Project Name | Project – Personal Expense Tracker Application |
| Maximum Marks | 8 Marks |

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

| 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 | Sridhar |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Harikrishnan |
| Sprint-2 | | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Iyyanar |
| Sprint-1 | | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Shaik |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Sridhar |
| | Dashboard | USN-1 | As a user, I can see my dashboard and go through the functions provide by the system. | 2 | High | Harikrishnan |
| Sprint-2 | Customer Care Executive | USN-1 | Make a call to the customer care executive and rectify the queries. | 1 | High | Iyyanar |
| Sprint-3 | Administrator | USN-4 | Responsible for carrying out the administration process. | 2 | Medium | Shaik |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

| 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 | 29 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 6 Days | 31 Oct 2022 | 05 Nov 2022 | 20 | 05 Nov 2022 |
| Sprint-3 | 20 | 6 Days | 07 Nov 2022 | 12 Nov 2022 | 20 | 12 Nov 2022 |
| Sprint-4 | 20 | 6 Days | 14 Nov 2022 | 19 Nov 2022 | 20 | 19 Nov 2022 |
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Velocity:

we have a 6-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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{6} = 3.33$$

Burndown Chart:

| | A | B | C | D | E | F | G | H |
|----|-----------------------------|-------------|---------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| 2 | | | | | | | | |
| 3 | BURNDOWN CHART | | | | | | | |
| 4 | | | | | | | | |
| 6 | Sprint | TASK | POINTS | 24/10/2022 | 25/10/2022 | 26/10/2022 | 27/10/2022 | 28/10/2022 |
| 7 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 0 |
| 8 | | 2 | 5 | 4 | 0 | 0 | 0 | 0 |
| 9 | | 3 | 5 | 4 | 1 | 0 | 0 | 0 |
| 10 | | 4 | 5 | 5 | 5 | 0 | 0 | 0 |
| 11 | | 5 | 4 | 4 | 4 | 0 | 0 | 0 |
| 12 | | 6 | 3 | 3 | 5 | 3 | 0 | 0 |
| 13 | | 7 | 5 | 5 | 5 | 5 | 4 | 0 |
| 14 | | 8 | 5 | 5 | 5 | 5 | 5 | 0 |
| 15 | Ideal working hours | | 30 | 24 | 18 | 12 | 6 | 0 |
| 16 | Actual Hours of Work | | 30 | 30 | 24 | 11 | 6 | 0 |

