

Project Planning Phase

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

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|---------------|------------------------------------|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID15216 |
| Project Name | Project - Personal Expense Tracker |
| 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. | 3 | High | Shalini ,Sneha |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 3 | High | Swathy |
| Sprint-1 | Login | USN-3 | As a user, I can log into the application by entering email & password | 5 | High | Sriram |
| Sprint-1 | Dashboard & Logout | USN-4 | As a user, once I logged in I can access all the features of the web app and Logout once I completed all the work. | 5 | High | Shalini |
| Sprint-1 | | USN-5 | Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed | 4 | Medium | Swathy |
| Sprint-2 | Expense | USN-6 | Add total income for the month and Allow for edit option | 6 | High | Shalini |
| Sprint-2 | | USN-7 | Split the total income based on usage like entertainment, food, shopping etc. | 2 | Low | Sneha |
| Sprint-2 | | USN-8 | Add the day to day expense. | 6 | High | Swathy |
| Sprint-2 | | USN-9 | Display the user added expense | 6 | High | Sriram |
| Sprint-3 | | USN-10 | Filter the expense data based on criteria | 6 | Medium | Split Between 4 |
| Sprint-3 | Charts | USN-11 | As a user I can display it in graphs | 4 | Low | Swathy Shalini |
| Sprint-3 | Alerts | USN-12 | As a user I create custom alert for the balance | 10 | High | Sriram Sneha |
| Sprint-4 | Deployment | USN-13 | As a user I should able to access it anywhere in the net | 20 | High | Split between 4 |

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 | 24 Nov 2022 |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Velocity:

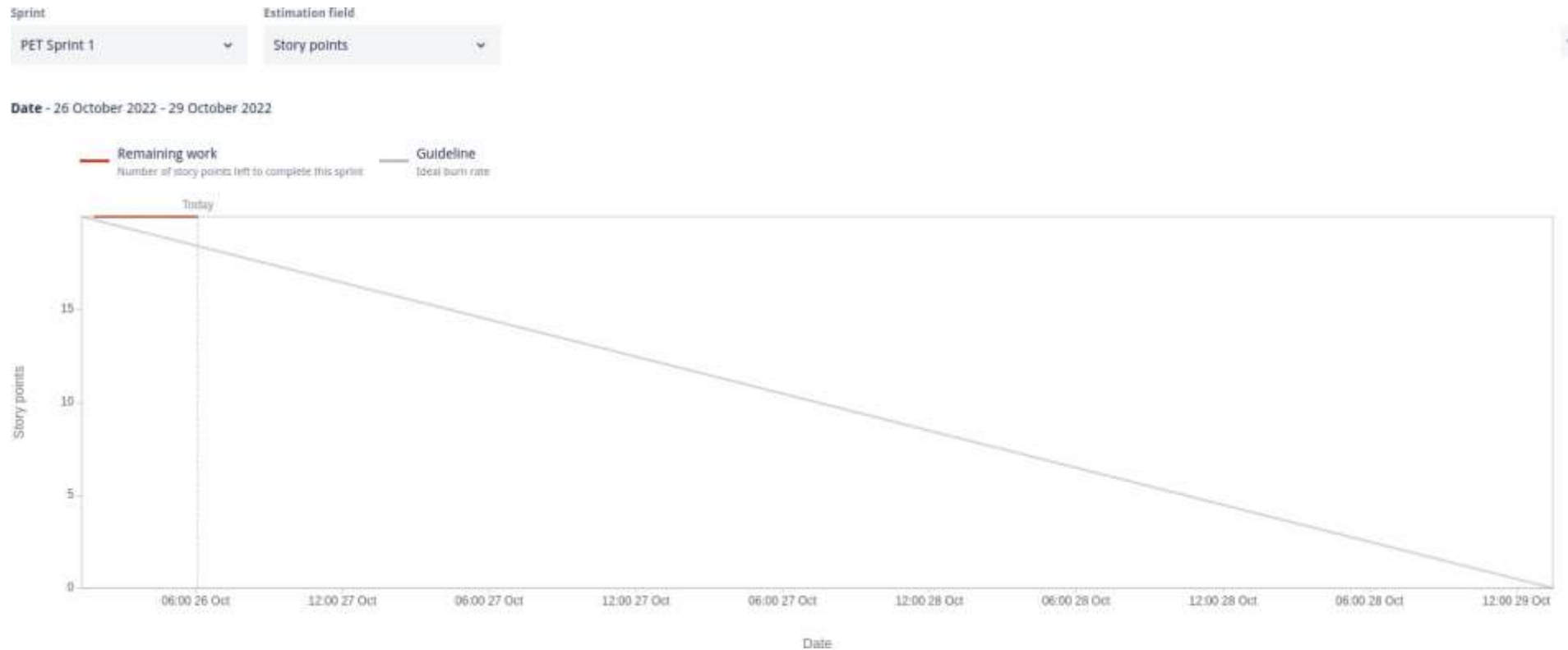
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

| Sprint | Total story points | Duration | Average velocity |
|----------|--------------------|----------|------------------|
| Sprint 1 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 2 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 3 | 20 | 6 Days | 20 / 6 = 3.33 |
| Sprint 4 | 20 | 6 Days | 20 / 6 = 3.33 |
| Total | 80 | 24 Days | 80 / 24 = 3.33 |

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.



Project Planning:

Personal Expense Tracker
Software project

PLANNING

- Roadmap
- Backlog
- Board
- Reports

DEVELOPMENT

- Code

Project pages

Add shortcut

Project settings

You're in a team-managed project
[Learn more](#)

Projects / Personal Expense Tracker

Roadmap

Give feedback Share Export ...

SK [User Icons] Status category Epic

Search

| | OCT | NOV | DEC |
|-------------------------------|-----|--------------|-----|
| Sprints | | PET Sprint 2 | |
| > PET-1 Registration | | | |
| > PET-4 Login | | | |
| > PET-7 Dashboard and logout | | | |
| > PET-9 Expense | | | |
| > PET-13 Expense | | | |
| > PET-15 charts | | | |
| > PET-17 Alerts | | | |
| > PET-19 Deploy... | | | |

Today Weeks Months Quarters

Backlog

Q AB Epic

Insights

PET Sprint 1 26 Oct - 29 Oct (3 Issues)

PET-2 User Registration page REGISTRATION

PET-8 User Login Page LOGIN

PET-12 User Dashboard DASHBOARD

+ Create Issue

PET Sprint 2 31 Oct - 5 Nov (1 Issue)

PET-17 Expense functionality EXPENSE

+ Create Issue

o C! C! Complete sprint

6 IN PROGRESS, e

5 IN PROGRESS, e

9 IN PROGRESS, e

C! C! Start sprint

TODO, e

▼ **PET Sprint 3** 7 Nov - 12 Nov (3 Issues)

C PET-35 Expense Functionality [E>Pms,](#)

C PET-26 Display charts [CHARTS](#)

C PET-30 Show Alerts [ALERTS](#)

+ create Issue

▼ **PET Sprint4** 14 Nov-19 Nov (1 Issue)

C PET-31 Deployment of App [DEPLOYMENT](#)

+ Create Issue

▼ **Backlog** (0 Issues)

+ Create Issue

o **CU!>** Start sprint

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o **Ci)t** Start sprint

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Milestone & Activities

| Milestone | Activities |
|-----------------|--|
| Registration | <ul style="list-style-type: none">• User account creation• User verification using mail |
| Login | <ul style="list-style-type: none">• User Login• Maintain user logged status |
| Add Income | <ul style="list-style-type: none">• Add user income and edit• Split the income |
| Add Expense | <ul style="list-style-type: none">• Add user day to day expense |
| Display Expense | <ul style="list-style-type: none">• Display the expense data |
| Filter Expense | <ul style="list-style-type: none">• Create custom filter for filtering the past expense data |
| Show Charts | <ul style="list-style-type: none">• Display charts |
| Show Alerts | <ul style="list-style-type: none">• Display alert if the level reached |
| Deployment | <ul style="list-style-type: none">• Deploy the app |