Project Planning Phase

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

Date	14 October 2022
Team ID	PNT2022TMID06098
Project Name	Project – Personal Expense Tracker Application
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	Homepage	USN-1	AS a user I can view the index page to see the about of the Expense tracker	10	High	R. Karthick Raja
Sprint-1	Add expense	USN-2	As a User I will add my expense throughout the month I spend on	8	High	P. Sinthanaiselvan
Sprint-2	Login	USN-3	As a user, I need to login with user id and password to get in to the website	10	Medium	R.S. Vignesh
Sprint-2	Registration	USN-4	As a user, I can register for the application through Gmail	10	Medium	T. Prakash Raja
Sprint-3	Dashboard	USN-5	As a User, I will follow Co-Admin's instruction to reach the filling bin in short roots and save time	10	High	P. Sinthanaiselvan
Sprint-3	Total expense graph	USN-6	As a User I can view my expense in a graph of overview of the expense I spend.	5	Low	R.S. Vignesh
Sprint-4	Deployment in cloud	USN-7	As a User I can access the cloud to store my data of expense	15	High	R. Karthick Raja

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	5 Days	10 Nov 2022	29 Oct 2022	20	17 Nov 2022
Sprint-2	20	5 Days	12 Nov 2022	05 Nov 2022	20	18 Nov 2022
Sprint-3	20	5 Days	15 Nov 2022	12 Nov 2022	20	18 Nov 2022
Sprint-4	20	5 Days	18 Nov 2022	19 Nov 2022	20	19 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)

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

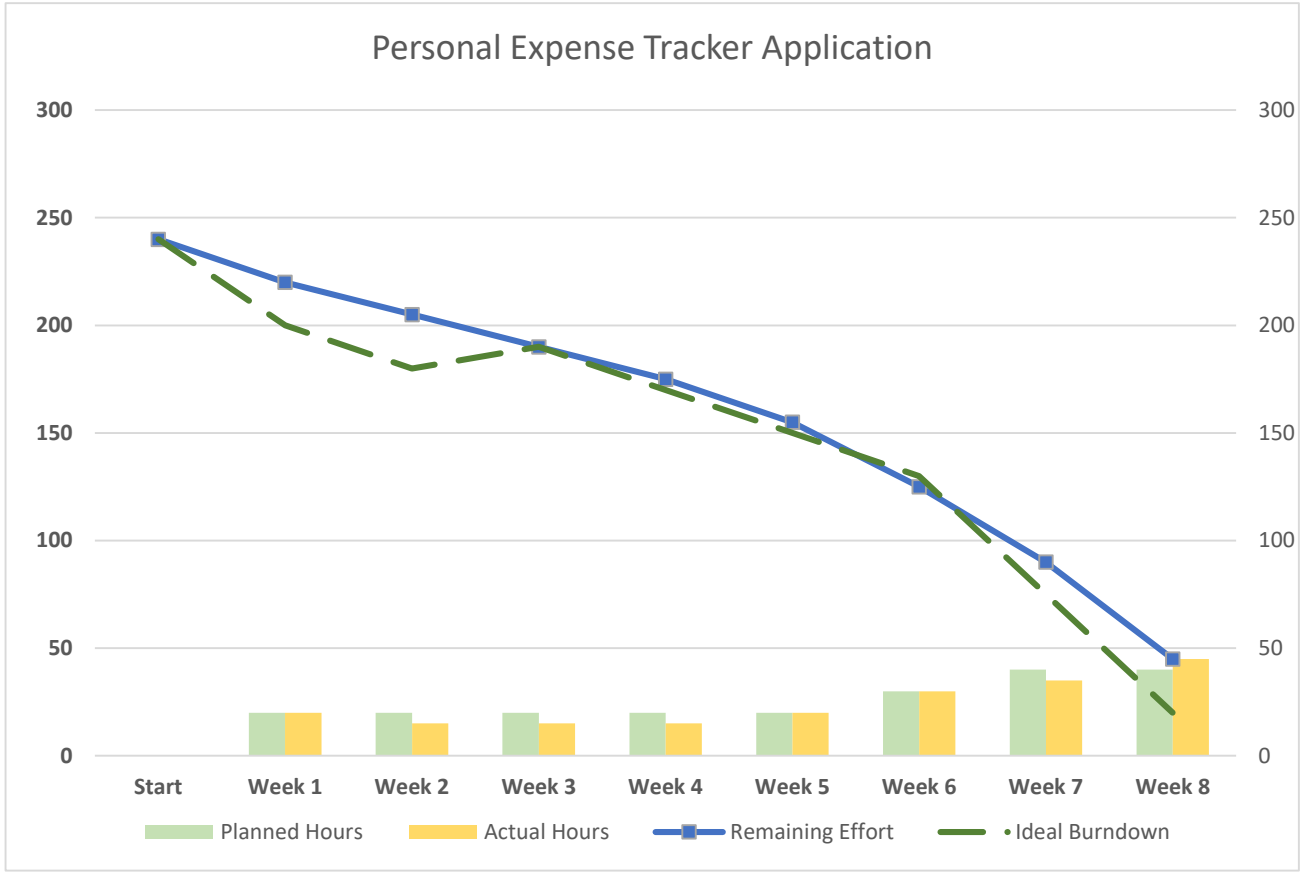
Burndown Chart:

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.

Feature	Initial Estimate	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Hours Left
Categories	60	20	8	5	1	5	5	5	1	10
Synchronization	60	10	5	2	2	5	5	15	10	6
Accounts	60	5	8	2	10	5	5	10	10	5
Reminders	60	10	12	2	3	5	5	5	10	8

Setting	Start	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Planned Hours		20	20	20	20	20	30	40	40
Actual Hours		20	15	15	15	20	30	35	45
Remaining Effort	240	220	205	190	175	155	125	90	45
Ideal Burndown	240	200	180	190	170	150	130	75	20

Burndown Chart:


Personal Expense Tracker Application
300
250
200
150
100
50
0
Start
Week 1
Week 2
Week 3
Week 4
Week 5
Week 6
Week 7
Week 8
Planned Hours
Actual Hours
Remaining Effort
Ideal Burndown