

Project Planning Phase

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

Date	3 November 2022
Team ID	PNT2022TMID40167
Project Name	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	Setting the required environment	USN-1	Gathering information for the user .	2	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-1		USN-2	Creating account in ibm cloud,docker,kubernets.	1	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-1		USN-3	Creating container registry.	2	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-1		USN-4	Creating the ibm db 2 to store the data of the user.	2	Medium	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-1		USN-5	Creating simple flask application .	1	Low	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S

Sprint-2	Login	USN-6	As a user, I can log into the application by entering email & password	2	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
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Sprint-2		USN-7	As a user, I can log into the application by entering GMAIL.	2	Medium	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-2		USN-8	As a user, I can log into the application by entering into a mobile number.	1	Low	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-2	Mail confirmation	USN-9	As a user, I will receive confirmation mail once I logged into it.	2	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-2		USN-10	As a user, I can log into application by entering my login credentials.	2	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-3	Local host	USN-11	Deploying my application in my local host by setting up the system environment.	10	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S
Sprint-4	IBM cloud	USN-12	Deploying my application in the ibm cloud by setting up the cloud environment.	10	High	Tharunkumar.A Raja.M Senthamizh Selvan.M Sayed Ansar Ali.S

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	2 Nov 2022
Sprint-4	20	6 Days	13 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)

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

