

ProjectPlanningPhase

ProjectPlanningTemplate(ProductBacklog,Sprint Planning,Stories,Story points)

Date	04November2022
TeamID	PNT2022TMID53373
ProjectName	PersonalExpenseTracker Application
MaximumMarks	8 Marks

ProductBacklog,Sprint Schedule,andEstimation(4Marks)

Sprintn umber	Sprint	FunctionalRequire ment (Epic)	UserStory Number	UserStory/Task	StoryPoint s (Total)	Priority	TeamMembe rs
1	Setting UpApplicatio nEnvironme nt	Create flask project,IBM account,Dockerand SendGrid	USN-1	Getting started with flask, creating IBM cloudaccountand installingIBMcloudCLI,docker	5	High	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.
2	Implementing WebApplication	CreateUltointeractw ithapplication	USN-2	Designing user friendly UI to make humancomputerinteractionsmoothly.Homepag e,login, log out, expense report page are theconsole.	20	High	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.
		Create IBM DB2andconnect withpython	USN-3	Creating IBM DB2 connecting it with flask MVCMicroframeworktostoretheusercredentialsa ndexpenses.	5	High	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.

3	Integrating SendGrid Service	SendGrid integration with python code	USN-4	Generating SendGrid API to notify user that they reach the limit of spending.	5	medium	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.
4	Deployment of app in IBM Cloud	Containerize the app	USN-1	Creating docker file and testing the requirements for the flask application.	5	medium	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.
		Upload image to IBM container registry	USN-2	Upload images used in the frontend to Container registry.	3	medium	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.
		Deploy in Kubernetes	USN-3	Deploy the application after testing its functionality on Kubernetes.	7	High	Prateep, Karthikeyan, Sunilkumar, Kirupanidhi.

ProjectTracker,Velocity &Burndown Chart:(4 Marks)

Sprint	Total StoryPoint s	Duration	SprintStartDate	SprintEndDate(Planned)	Story PointsCompleted (as onPlannedEndDat e)	SprintReleaseDate(Actual)
Sprint-1	5	2Days	22Oct2022	23Oct2022	5	25Oct2022
Sprint-2	25	10Days	24Oct2022	02Nov2022	20	02Nov2022
Sprint-3	5	6 Days	03Nov2022	08Nov2022	5	08Nov2022
Sprint-4	15	6Days	09Nov2022	14Nov2022	15	15Nov2022

Burndownchart:

