Initial Project Planning Template

Date	09 July 2024
Team ID	SWTID1720243396
Project Name	Panic Disorder Detection
Maximum Marks	4 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 Start Date	Sprint End Date (Planned)
Sprint 1	To Complete first two Epics 1. DEFINE PROBLEM / PROBLEM UNDERSTANDING 2. DATA COLLECTION & PREPARATION	USN - 1	Specify The Business Problem	1	High	Shivam	Jul, 9, 2024	Jul, 9, 2024
		USN - 2	Business Requirements	1	low	BATTU AMITH JOEL	Jul, 9, 2024	Jul, 9, 2024
		USN - 3	Literature Survey (Student Will Write)	1	High		Jul, 9, 2024	Jul, 9, 2024
		USN - 4	Social Or Business Impact.	1	low	BATTU AMITH JOEL	Jul, 9, 2024	Jul, 9, 2024
		USN - 5	Project initialization	1	High	Shivam	Jul, 9, 2024	Jul, 9, 2024
		UNS - 6	Project Planning	1	HIgh	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 7	Data Collection & Preparation	1	Low	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 8	Collect The Dataset	1	Low	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
		USN - 9	Importing The Libraries	1	Low	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 10	Read The Datasets	1	Low	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 11	Feature Selection	1	Medium	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 12	Data Preparation	1	Medium	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 13	Handling Categorical Values	1	Medium	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 14	Under Sampling The Data	1	High	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
		USN - 15	Raw Data Sources And Data Quality Report	1	High		Jul, 9, 2024	Jul, 9, 2024
		USN - 16	Data Quality Report template	1	High	Kota Sodhan Naga Prakash	Jul, 9, 2024	Jul, 9, 2024
		USN - 17	Data Preprocessing	1	High	Arvasu Gupta	Jul, 9, 2024	Jul, 9, 2024
Sprint 2	To complete EDA and model Development	USN - 18	Descriptive Statistical	1	Low		Jul,10, 2024	Jul,10, 2024
		USN - 19	Visual Analysis	1	Low		Jul,10, 2024	Jul,10, 2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
		USN - 20	Univariate Analysis	1	Medium		Jul,10, 2024	Jul,10, 2024
		USN - 21	Bivariate Analysis	1	Medium		Jul,10, 2024	Jul,10, 2024
		USN - 22	Training The Model In Multiple Algorithms	1	High		Jul,10, 2024	Jul,10, 2024
		USN - 23	Writing Function To Train The Models	1	Medium		Jul,10, 2024	Jul,10, 2024
		USN - 24	Calling The Function	1	Low		Jul,10, 2024	Jul,10, 2024
		USN - 25	Testing The Model	1	Medium		Jul,10, 2024	Jul,10, 2024
		USN - 26	Testing Model With Multiple Evaluation Metrics	1	Medium		Jul,10, 2024	Jul,10, 2024
		USN - 27	Compare The Models	1	High		Jul,10, 2024	Jul,10, 2024
		USN - 28	Comparing Model Accuracy Before & After Applying Hyperparameter Tuning	1	Low		Jul,10, 2024	Jul,10, 2024
		USN -29	Feature Selection Report template	1	High		Jul,10, 2024	Jul,10, 2024
		USN - 30	Model Optimization and Tuning Phase	1	High		Jul,10, 2024	Jul,10, 2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint 3	To Integrate the best model in a web framework and deploy it	USN - 31	Save The Best Model	1	Low		Jul, 11, 2024	Jul, 11, 2024
		USN - 32	Integrate With Web Framework	1	Medium		Jul, 11, 2024	Jul, 11, 2024
		USN - 33	Building Html Pages	1	Medium		Jul, 11, 2024	Jul, 11, 2024
		USN - 34	Build Python Code	1	Medium		Jul, 11, 2024	Jul, 11, 2024
		USN - 35	Run The Web Application	1	High		Jul, 11, 2024	Jul, 11, 2024
Sprint 4	Final Day Demonstration	USN -36	Project Document	1	High		Jul, 12, 2024	Jul, 12, 2024
		USN - 37	Video Demonstration	1	High		Jul, 12, 2024	Jul, 12, 2024

To Complete first two Epics 1. DEFINE PROBLEM / PROBLEM UNDERSTANDING 2. DATA COLLECTION & PREPARATION

0   1   15   Complete sprint   ...

	Key	Summary	Epic	Status	Date	Pts	Assignee
	GTP-7	Specify The Business Problem	DEFINE PROBLEM / PR...	DONE ⌄	📅09 JUL	1	S
☐	GTP-11	Collect The Dataset	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
	GTP-12	Importing The Libraries	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
	GTP-13	Read The Datasets	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
☑	GTP-35	Project initialization	DEFINE PROBLEM / PR...	DONE ⌄	📅09 JUL	1	S
☑	GTP-38	Data Quality Report template	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	KP
	GTP-18	Feature Selection	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
	GTP-14	Data Preparation	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
	GTP-17	Under Sampling The Data	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
	GTP-8	Business Requirements	DEFINE PROBLEM / PR...	IN PROGRESS ⌄	📅09 JUL	1	🧑
☑	GTP-37	Raw Data Sources And Data Quality Report	DATA COLLECTION & P...	IN PROGRESS ⌄	📅09 JUL	1	KP
	GTP-9	Literature Survey (Student Will Write)	DEFINE PROBLEM / PR...	DONE ⌄	📅09 JUL	1	RS
	GTP-10	Social Or Business Impact.	DEFINE PROBLEM / PR...	DONE ⌄	📅09 JUL	1	🧑
☑	GTP-36	Project Planning	DEFINE PROBLEM / PR...	DONE ⌄	📅09 JUL	1	AG
	GTP-16	Handling Categorical Values	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG
☑	GTP-39	Data Preprocessing report	DATA COLLECTION & P...	DONE ⌄	📅09 JUL	1	AG

Sprints	JUL 4 5 6 7	JUL 8 9 10 11 12 13 14
		GT... GTP Sprin...

GTP-1 Define Problem / Problem Under...
- GTP-7 Specify The Busin... DONE
- GTP-35 Project initializati... DONE
- GTP-8 Business Re... IN PROGRESS
- GTP-9 Literature Survey (... DONE
- GTP-10 Social Or Busines... DONE
- GTP-36 Project Planning DONE

GTP-2 Data Collection & Preparation
- GTP-11 Collect The Data... DONE
- GTP-12 Importing The Li... DONE
- GTP-13 Read The Datasets DONE
- GTP-38 Data Quality Rep... DONE
- GTP-18 Feature Selection DONE
- GTP-14 Data Preparation DONE
- GTP-17 Under Sampling ... DONE
- GTP-37 Raw Data Source... DONE
- GTP-16 Handling Catego... DONE
- GTP-39 Data Preprocessi... DONE

GTP-3 Exploratory Data Analysis

GTP-4 Model Building

GTP-5 Performance Testing & Hyperpar...

GTP-6 Model Deployment

+ Create Epic

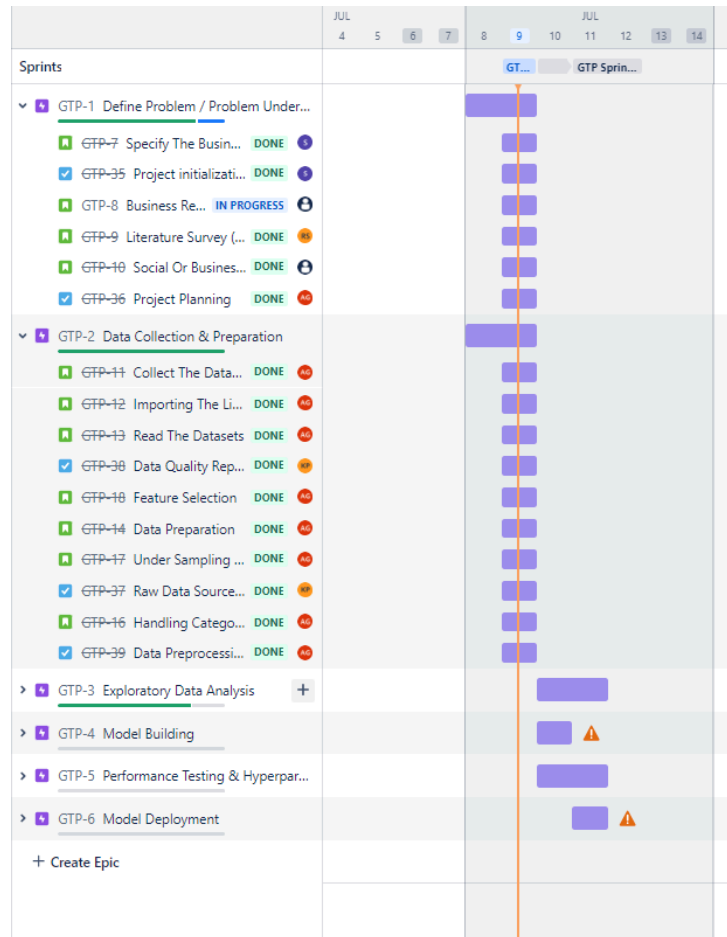☐ ˅ Backlog (1 issue)   0 1 0   Create sprint

☑ GTP-37   Raw Data Sources And Data Quality Report   DATA COLLECTION & P... IN PROGRESS ˅   📅09 JUL   1   KP

➕ Create issue