Initial Project Planning Template

Date	15 March 2024
Team ID	738214
Project Name	Predicting Mental Health Illness Of WorkingProfessionals Using Machine Learning.
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Use the below template to create a product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN - 1	Download the dataset from the given link.	3	High	Avinash Jadhav	11/04/2024	11/04/2024
Sprint-1		USN -2	Loading the dataset using pandas module.	2	Medium	Avinash Jadhav	11/04/2024	11/04/2024
Sprint-2	Data Pre-Processing	USN -1	Getting rid of the columns which are of no value to the project.	3	High	Avinash Jadhav	11/04/2024	11/04/2024
Sprint-2		USN -2	Discarding the null values and handling the inappropriate entered	3	High	Avinash	11/04/2024	12/04/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
			data.			Jadhav		
Sprint-3	Data Analysis And Visualization	USN -1	Analysing the data with single variable.	1	Low	Avinash Jadhav	12/04/2024	12/04/2024
Sprint-3		USN -2	Analysing the data with two variable.	1	Low	Avinash Jadhav	12/04/2024	12/04/2024
Sprint-3		USN -3	Analysing the data to understand the basic characteristics of the data.	1	Low	Viraj Thakare	12/04/2024	12/04/2024
Sprint-4	Model Building	USN -1	Creating Column Transformer to apply ordinal encoding for handling selected categorical features.	2	Medium	Viraj Thakare	13/04/2024	13/04/2024
Sprint-4		USN -2	Splitting the pre processed data into two parts. 70% Training data and 30% Test Data.	3	High	Viraj Thakare	13/04/2024	14/04/2024
Sprint-4		USN -3	Comparing accuracy of the trained models to select few model for hyper tuning them.	2	Medium	Shruti Madhav	14/04/2024	15/04/2024

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-4		USN -4	Hyper tuning the parameters of the selected model in order to increase accuracy of the model.	3	High	Sandhiya Acharya	16/04/2024	17/04/2024
Sprint-4		USN -5	Checking for the accuracy before and after tuning the model to select the best for the application.	2	Medium	Shruti Madhav	17/04/2024	18/04/2024
Sprint-4		USN -6	Saving the model with highest accuracy.	3	High	Shruti Madhav	19/04/2024	19/04/2024
Sprint-5	Application Building	USN -1	Creating the required HTML pages for the application.	1	Low	Sandhiya Acharya	20/04/2024	22/04/2024
		USN -2	Writing the python code suitable for running the application.	2	Medium	Sandhiya Acharya	23/04/2024	25/04/2024
		USN -3	Checking for the smooth application run.	3	High	Sandhiya Acharya	25/04/2024	26/04/2024