

Initial Project Planning Template

Date	09 JULY 2024
Team ID	SWTID1720437019
Project Name	Thyroid Classification
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	TC-1	Download the dataset	2	High	Jaswanth	2024/07/08	2024/07/10
Sprint-2	Visualising and Analysing Data	TC-2	Importing the libraries	1	High	Rohith	2024/07/08	2024/07/11
Sprint-2	Visualising and Analysing Data	TC-3	Read the dataset	1	Low	Sai Abhinay	2024/07/08	2024/07/11
Sprint-3	Data Preprocessing	TC-4	Checking for null values	2	Low	Surya	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-5	Descriptive analysis	1	Medium	Rohith	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-6	Splitting the data X and Y	1	Medium	Jaswanth	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-7	Converting the Datatype	1	High	Surya	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-8	Handling categorical values	1	Low	Sai Abhinay	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-9	Checking correlation	2	Medium	Rohith	2024/07/09	2024/07/13

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-3	Data Preprocessing	TC-10	Splitting data into train and test	1	Medium	Surya	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-11	Handling Imbalanced data	1	Low	Sai Abhinay	2024/07/09	2024/07/13
Sprint-3	Data Preprocessing	TC-12	Applying StandardScaler	2	High	Jaswanth	2024/07/09	2024/07/13
Sprint-4	Model building	TC-13	Random forest model	2	Medium	Surya	2024/07/10	2024/07/14
Sprint-4	Model building on selected columns	TC-14	Random forest classifier model	2	Medium	Rohith	2024/07/10	2024/07/14
Sprint-4	Model building on selected columns	TC-15	XGBClassifier model	1	Low	Jaswanth	2024/07/10	2024/07/14
Sprint-4	Model building on selected columns	TC-16	SVC model	1	Medium	Sai Abhinay	2024/07/10	2024/07/14
Sprint-4	Model building on selected columns	TC-17	Evaluating performance of the model using grid search CV and Saving the model	2	Low	Surya	2024/07/10	2024/07/14
Sprint-5	Application Building	TC-18	Building Html pages	1	High	Sai Abhinay	2024/07/11	2024/07/16
Sprint-5	Application Building	TC-19	Build Flask code	2	High	Jaswanth	2024/07/11	2024/07/16
Sprint-5	Application Building	TC-20	Run the application	2	High	Rohith	2024/07/11	2024/07/16