

Initial Project Planning Template

Date	12 July 2024
Team ID	SWTID1720108739
Project Name	Predicting The Energy Output Of Wind Turbine Based On Weather Condition
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	MP-1, MP-2	Here, I have to visit various sites like Kaggle.com to look for a dataset best suited for the project and download the dataset	1	High	Shashwat Verma	8/7/24	11/7/24
Sprint-2,3	Data preprocessing and visualisations	MP-3, MP-15	Here, I have to apply various techniques like encoding and scaling to preprocess the data for improving the model as well as visualise the terms to get a clear idea about the features.	2	Medium	Shashwat Verma	8/7/24	11/7/24
Sprint-4	Building the model	MP-4, MP-13, MP-14	Train different models in a jupyter notebook based on various	6	High	Shashwat Verma	8/7/24	11/7/24

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
			parameters and choose the best model among them					
Sprint-5	Web Page	MP-5, MP-12	Making a webpage using html and css showcasing the main aim of our project	7	High	Ayush Agarwal	8/7/24	12/7/24
Sprint-6	Integration of API	MP-6	Integrate the open weather API in the project to get an idea about the weather of a particular city and thereby knowing its wind speed which acts as a feature in our project	4	Medium	Ramakrishnan A, Ayush Agarwal	8/7/24	12/7/24
Sprint-7	Making the app	MP-7, MP-8	Making the flask app after integrating all the required components like webpage, ML model and APIs	8	High	Ramakrishnan A	8/7/24	12/7/24
Sprint-8	Preparing documents and report	MP-18, MP-19	Preparing all the documents like project report of every phase, complete report and recording the progress at each stage	7	High	Santhosh Raj R	8/7/24	12/7/24

 **ML project**
Software project


PLANNING

 Timeline

 Backlog

 Board

 **List**

 Issues

DEVELOPMENT

 Code

 Project pages







Projects / ML project

List

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<input type="checkbox"/>	Type	# Key	Summary	Status	Sprint	Assignee
<input type="checkbox"/>	> 	MP-1	Data collection	DONE		
<input checked="" type="checkbox"/>	>  +	MP-3	Data Preprocessing	DONE		
<input type="checkbox"/>	> 	MP-4	Building the model	DONE		
<input type="checkbox"/>	> 	MP-5	Web Page	DONE		
<input type="checkbox"/>	> 	MP-7	Flask App	IN PROGRESS		
<input type="checkbox"/>	> 	MP-18	document works	IN PROGRESS		

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