

### Initial Project Planning Template

Date	27 Sep 2024
Team ID	team-724803
Project Name	Railway Sentry: Detecting Workers on Railway Tracks using YOLO V9
Maximum Marks	4 Marks

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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Priority</b>	<b>Team Members</b>	<b>Sprint Start Date</b>	<b>Sprint End Date (Planned)</b>
Sprint-1	Data Collection and Preprocessing	USN-2	Understanding & loading data	Low	Vivek	2024/10/20	2024/10/21
Sprint-1	Data Collection and Preprocessing	USN-3	Data Cleaning	High	Vivek , Harshitha	2024/10/22	2024/10/22
Sprint-1	Data Collection and Preprocessing	USN-4	EDA	Medium	Vivek	2024/10/23	2024/10/24
Sprint-2	Exploratory data Analysis	USN-5	Descriptive Statistics	Low	Sathwika	2024/10/24	2024/10/25
Sprint-2	Exploratory data Analysis	USN-7	Visual Analysis	Medium	Sathwika	2024/10/26	2024/10/27
Sprint-2	Exploratory data Analysis	USN-6	Evaluating the model	High	Sathwika , Vivek	2024/10/28	2024/10/29
Sprint-3	Model Building	USN-8	Training the model using algorithm	High	Harshitha, Prathyusha	2024/10/30	2024/11/1
Sprint-3	Model Building	USN-9	Testing the model	Medium	Harshitha	2024/11/2	2024/11/4
Sprint-3	Performance testing & Hyper parameter tuning	USN-10	Testing the model with multiple evaluation metrices	High	Harshitha	2024/11/5	2024/11/6
Sprint-4	Model development	USN-11	Save the best Model	Medium	Prathyusha	2024/11/7	2024/11/8
Sprint-4	Model development	USN-12	Integrate with Web Framework & building HTML templates	Medium	Prathyusha	2024/11/9	2024/11/11
Sprint-4	Model development	USN-13	Flask importing and app.py	High	Prathyusha	2024/11/12	2024/11/13

Sprint-3 Sprint-4	Project Report	USN-15	Report	medium	Prathyusha, Harshitha, Sathwika, Vivek	2024/11/14	2024/11/15
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