

Initial Project Planning Template

Date	27 Sep 2024
Team ID	739648
Project Name	GuardianEye:YOLO-Based Smart Helmet Detection System For Enhanced Safety In Real-Time
Maximum Marks	4 Marks

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

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

Sprint-3 Sprint-4	Project Report	USN-15	Report	medium	Pranaya, Nikhil, Saffura, Pavani	2024/11/14	2024/11/15
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