GANTT CHART TEMPLATE

PROJECT TITLE	Using ML for Facial Mask Detection		INSTUTUTE & DEPARTMENT NA	AP SHAH INSTITUTE OF TECHNOLOGY
PROJECT GUIDE	Prof. Kiran Deshpande, Prof. Kaushiki Upadhyaya, Prof. Nahid Shaikh		DATE	3-25-22

WBS NUMBER	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION (Weeks)	PCT OF TASK COMPLETE
1	**Project Conception and Initiation**					
1.1	Research paper search	Harsh, Saloni, Prajakta	2-8-21	2-12-21	1	100%
1.1.1	Research paper finalization	Harsh, Saloni, Prajakta	2-11-21	2-12-21	1	100%
1.2	Project Title	Harsh, Saloni, Prajakta	5-10-21	5-11-21	1	100%
1.3	Abstract	Harsh	5-10-21	5-11-21	1	100%
1.4	Objectives	Prajakta	5-10-21	5-11-21	1	100%
1.5	Literature Review	Harsh, Saloni, Prajakta	5-12-21	5-13-21	1	100%
1.6	Problem Definition	Saloni	5-12-21	5-13-21	1	100%
1.7	Scope	Prajakta, Saloni	5-12-21	5-13-21	1	100%
1.8	Technology stack	Harsh	5-12-21	5-13-21	1	100%
1.9	Benefits for environment	Saloni	5-13-21	5-14-21	1	100%
1.1	Benefits for society	Prajakta	5-13-21	5-14-21	1	100%
1.11	Applications	Harsh, Saloni, Prajakta	5-13-21	5-14-21	1	100%
2	**Project Design**					
2.1	Proposed System	Harsh	6-14-21	6-15-21	1	100%
2.2	Design(Flow Of Modules)	Harsh	6-14-21	6-16-21	1	100%
2.3	Activity Diagram	Saloni	6-16-21	6-18-21	1	100%
2.4	Use Case Diagram	Saloni	6-16-21	6-18-21	1	100%
2.5	Sequence Diagram	Prajakta	6-16-21	6-18-21	1	100%
2.6	Description Of Use Case	Prajakta	6-16-21	6-18-21	1	100%
2.7	Modules	Harsh	6-21-21	6-23-21	1	100%
2.7.1	Detection Module	Harsh	6-22-21	6-23-21	1	100%
2.7.2	Recognition Module	Harsh, Saloni, Prajakta	6-21-21	6-23-21	1	100%
2.7.3	Application Module	Harsh, Saloni, Prajakta	6-22-21	6-24-21	1	100%
2.8	Preparation Of Report	Harsh, Saloni, Prajakta	6-23-21	6-25-21	1	100%
3	**Project Implementation**					
3.1	Detection Implementation	Harsh, Saloni, Prajakta	7-5-21	8-13-21	4	100%
3.2	Recognition Implementation	Harsh, Saloni, Prajakta	7-5-21	8-13-21	4	100%
3.3	Application Integration	Harsh, Saloni, Prajakta	9-13-21	9-24-21	2	100%
4	**Testing**					
4.1	Design of Test Cases	Saloni, Prajakta	7-5-21	7-6-21	1	100%
4.2.1	Login Page Unit testing	Saloni, Prajakta	7-6-21	7-7-21	1	100%
4.2.2	Register Page Unit testing	Saloni, Prajakta	7-7-21	7-8-21	1	100%
4.2.3	Home Page Unit testing	Saloni, Prajakta	7-8-21	7-9-21	1	100%
4.2.4	Integration Testing of above pages	Saloni, Prajakta	7-8-21	7-9-21	1	100%
4.3.1	Pretrained Res10 SSD Caffe Model testing	Harsh	7-19-21	7-21-21	1	100%
4.3.2	MobileNetV2 Model Testing	Harsh	7-19-21	7-21-21	1	100%
4.3.3	Face Mask Detection Testing	Harsh, Saloni, Prajakta	7-21-21	7-23-21	1	100%
4.3.4	Unmasked Face Recognition Testing	Harsh, Saloni, Prajakta	8-2-21	8-3-21	1	100%
4.3.5	Integration Testing of above modules	Harsh	8-3-21	8-4-21	1	100%
4.4.1	Firestore Database Unit Testing	Prajakta	8-3-21	8-5-21	1	100%
4.4.2	Notification Unit Testing	Saloni	8-4-21	8-5-21	1	100%
4.4.3	Adding entries in database unit Testing	Harsh	8-4-21	8-6-21	1	100%
4.4.4	Updating Data in Firestore Unit Testing	Harsh	8-5-21	8-6-21	1	100%
4.4.5	**Showing Notification History in Application Testing**	Harsh	8-9-21	8-10-21	1	100%
4.4.6	Whole Application Testing	Harsh, Saloni, Prajakta	8-9-21	8-10-21	1	100%
5	**Report Preparation**					
5.1	Black Book	Harsh, Prajakta, Saloni	10-4-21	10-8-21	1	100%
5.1	PPT	Saloni	10-4-21	10-8-21	1	100%
5.1	Gantt Chart	Prajakta	10-11-21	10-15-21	1	100%

Timeline header: PHASE ONE (WEEK 1, WEEK 2, WEEK 3), PHASE TWO (WEEK 4, WEEK 5) — days M T W R F

	PHASE THREE			PHASE FOUR		
WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10	WEEK 11	WEEK 12
M T W R F	M T W R F	M T W R F	M T W R F	M T W R F	M T W R F	M T W R F