

ST. FRANCIS INSTITUTE OF TECHNOLOGY
Mt. Painsur, Borivali (W), Mumbai
Department of Computer Engineering
Class BE CMPN Semester :VII Academic :2021-22

TITLE OF PROJECT: Face Mask Detection Using Live Video Streaming						
DOMAIN: MobileNetV2, FaceNet, Face Recognition Library						
Name of the Group Members 1. Nithin Menezes 2. Yogita Likhi 3. Sherwin Mathias 4. Ujala Maurya				Name of the Project Guide : Priya K		
Week No.	Date & Time	Description of Activity given by Project guide	Remarks	Status	Signature of Internal Project Guide	Signature of Group Members
1	27-08-21	# Made base model of MobileNetV2 for face mask detection			Priya K	
2	03-09-21	# Studying the accuracy of our chosen model and how are the other models as compared to MobileNetV2 and working on the facial recognition part from the available models.			Priya K	
3	10-09-21	# Working with the webcam to deliver results for live streams /video.			Priya K	
4	14-09-21	# Working on our MobilenetV2 algorithm for proper integration between webcam input and detection of mask output.			Priya K	

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5	21-09-21	#Training and testing of our model was performed to achieve the accuracy.			Priya K	
Week No.	Date & Time	Description of Activity given by Project guide	Remarks	Status	Signature of Internal Project Guide	Signature of Group Members
6	29-09-21	#Implementing new libraries like faceNet and face recognition library for face recognition.			Priya K	
7	1-10-21	#Working on the accuracy of face recognition along with mask detection.			Priya K	
8	05-10-21	# Working on integration of both face recognition and mask detection.			Priya K	
9	7-10-21	# Creating a dashboard using HTML CSS and Django.			Priya K	
10	12-10-21	#Collecting the information of our group[members and testing them whether our violation count of not wearing a mask is detected.			Priya K	
11	14-10-21	#Creating an auto mail system for people whose count has been more than 5.			Priya K	

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12	21-10-21	#Including Graph for the convenience of the user so to understand which department violates the rule the most, and also records based on every month .			Priya K	
13	10-01-22	#Testing whether the correct and appropriate number of violation notes are noted properly.			Priya K	
14	17-01-22	#Adding a beep noise using arduino when face with no mask is detected.			Priya K	
15	24-01-22	# Customizing our temporary dashboard and webpage using custom color and proper placing of tabs so it is usable for any age group user.			Priya K	
16	7-02-22	#Implementing the model with a larger dataset of students and using output which consisted of students from our college.			Priya K	
17	9-02-22	#Were successful even on large scale use, model could easily detect faces of our mates and detect counts of student not wearing a proper mask.			Priya K	
18	16-02-22	#Final GUI presentation of our webpage, where we felt we could improve in a few areas.			Priya K	
19	28-02-22	#Converting our application into a portable package,so the user anywhere and anytime can install and use the application.			Priya K	