

Group Number: 01		Date: 03/05/2020	
Summary of work done since last report:			
<ul style="list-style-type: none">• Learning and understanding, designing and programming tools.• Acquiring relevant models for training from sources like GitHub.• Created classifying models for threshold values.• Designed interface.• Designed task flow diagram.• Deployed prototype.			
Deliverables Started since last report:		Deliverables Complete since last report:	
<ul style="list-style-type: none">• Initializing the camera• Detect facial features• Calculate EAR(Eye Aspect Ratio)• Calculate MAR(Mouth Aspect Ratio)• Trigger Alarm		<ul style="list-style-type: none">• Initializing the camera• Detect facial features• Calculate EAR(Eye Aspect Ratio)• Calculate MAR(Mouth Aspect Ratio)• Trigger Alarm	
Effort Expended			
High Level Task Name	Hours	Brief Summary of Work	
Learning and understanding required tools and libraries	12	Learning OpenCV, Python, dlib.	
Choosing the perfect Alarm note	5	It is very important to choose the right tone in order to alert the driver in an instance.	
Prototype design	16	Reflecting our future model.	
Designing Interface	5	Making it understandable.	
Problems Encountered (<i>highlight any assistance you might need from your VIT advisor or other staff</i>):			
<ul style="list-style-type: none">• Understanding functions of different libraries.• One of the referred models for our project diverted the team from actual deliverables and getting back on track made us loose very much of our valuable time.• Understanding the task flow diagram.			

Plans for the Next Month:

- Defining best suitable hardware configuration for the deployment of our project.
- Deliver detection of head tilt module.