**VISHWAKARMA INSTITUE OF TECHNOLOGY**

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

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| **CAP. PROJ2 BATCH:- 3** | **CAP. PROJ 2 GROUP ID:- F9** | **ACADMIC YEAR 2020-21** | | **SEMESTER-2** |
| TITLE OF PROJECT | Social Distance Detector | | | |
| NAME OF GUIDE | Rupali Deshpande | | CP2 Group Roll Numbers:- 46, 47, 48, 49, 50 | |

**CAPSTONE PROJECT 2\_****PROGRESS REVIEW REPORT 1**

**INDIVIDUALLY ASSIGNED CP2 PROJECT WORK COMPLETED TILL DATE (2/3 LINES):-**

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| GROUP MEMBER NO:- 1 | ROLL NUMBER:- 46 | NAME :-HarshitMundhra |
| Studied one IEEE paper based on Social Distance Detector for Literature Review  (Reference : <https://ieeexplore.ieee.org/document/9242628>)  Studied how to code for machine learning  Studied how to use YOLO algorithm that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:- 2 | ROLL NUMBER:- 47 | NAME :-Harshita Jain |
| Studied one IEEE paper based on Social Distance Detector for Literature Review  [Reference(paper name): milani2020]  Studied how to code for machine learning (Reference : <https://www.mygreatlearning.com/blog/what-is-machine-learning/>)  Studied how to use YOLO algorithm that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:- 3 | ROLL NUMBER:- 48 | NAME :-VinayHasani |
| Studied one IEEE paper based on Social Distance Detector for Literature Review(Reference: <https://ieeexplore.ieee.org/document/9243478>)  Studied how to code for machine learning  Studied how to use Object Tracking algorithm that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:- 4 | ROLL NUMBER:- 49 | NAME :-PushkarHelge |
| Studied one IEEE paper based on Social Distance Detector for Literature Review  (Reference: <https://link.springer.com/article/10.1007/s11554-021-01070-6>)  Studied how to code for machine learning  Studied how to use Distance Measurement algorithm that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:- 5 | ROLL NUMBER:- 50 | NAME :-SamikshaHiran |
| Studied one IEEE paper based on Social Distance Detector for Literature Review (Reference: <https://ieeexplore.ieee.org/document/9204934>)  Studied how to code for machine learning  Studied how to use YOLO algorithm that is required for implementing the Project  Coded and executed one part of the project | | |

**Format of Progress Review Report of the Group :**

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| **Review No.: 1 CP2 Group No.: F9Date:- 18-06-2021** |
| **CP2 Progress Review Report: - (Give overall project work progress and its completion done so far of your group in 5/6 lines)**  All the group members have studied how to do machine learning using python and studied the algorithms that are used for implementing the project.We have studied how to use YOLO, Object Tracking and Distance Measurement algorithms. We all have read IEEE papers based on our project and we are done with the literature review. We have coded and successfully executed one part of the project. |
| **CAPSTONE** P**ROJECT 2 WORK COMPLETION TILL DATE OF THE GROUP IN PERCENTAGE (%):- 50 %** |

**HAVE YOU SHOWED THIS PREPARED CP2\_PROGRESS REVIEW REPORT TO YOUR GUIDE AND GOT IT APPROVED?(YES/NO) :-YES**

**NAME OF CP2 GUIDE (First Name Last Name): -RupaliDeshpande**