VISHWAKARMA INSTITUE OF TECHNOLOGY

DEPARTMENT OF ENGINEERING SCIENCES AND HUMANITIES

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

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

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

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| GROUP MEMBER NO:- 1 | ROLL NUMBER:-46 | NAME :-Harshit Mundhra |
| Studied how to use YOLO algorithm that is required for implementing the Project  Studied about **argparse** module, which is a command-line parsing module in Pythonthat 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 how to use YOLO algorithm that is required for implementing the Project  Studied about **OpenCV**-**Python** which is a library of Python used for computer vision, machine learning, and image processing.  Coded and executed one part of the project | | |
| GROUP MEMBER NO:-3 | ROLL NUMBER:-48 | NAME :-Vinay Hasani |
| Studied how to use Object Tracking algorithm that is required for implementing the Project  Studied about **imutils** module, which is a series of convenience functions used for image processing that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:-4 | ROLL NUMBER:-49 | NAME :-Pushkar Helge |
| Studied how to use Distance Measurement algorithm that is required for implementing the Project  Studied about **NumPy** libray, which is a Python library used for working with arrays that is required for implementing the Project  Coded and executed one part of the project | | |
| GROUP MEMBER NO:-5 | ROLL NUMBER:-50 | NAME :-Samiksha Hiran |
| Studied how to use YOLO algorithm that is required for implementing the Project  Studied about **OS** module**,** which is a module in Python provides functions for interacting with the operating system 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.: F9 Date:-09/07/2021** |
| **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. Each member has studied about different modules and libraries which are required for implementing the project. We have coded and successfully executed one part of the project. |
| **CAPSTONE** P**ROJECT 2 WORK COMPLETION TILL DATE OF THE GROUP IN PERCENTAGE (%) :-** %75 |

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

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