**CE351 Software Group Project – III**

**AY: 2019-20**

**Project Synopsis**

**Class:\_\_\_\_\_\_\_\_\_\_\_\_\_ Batch:\_\_\_\_\_\_\_\_\_\_\_\_ Group ID:\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- | --- | --- |
| **Sr. No.** | **Student Id** | **Student Name** | **Batch** |
| **1** | **17CE058** | **Hinel Mistry** | **Batch-C** |
| **2** | **17CE066** | **Archan Parmar** | **Batch-C** |
| **3** | **17CE070** | **Dharmik Patel** | **Batch-C** |

**Project Category: Mobile app with backend Python Server.**

**Project Title: Lab Surveillance App.**

**Project Summary: It will help in surveillance of our computer labs with the help of an app. It will also help the user to make announcement through the application.**

**Objective: To provide surveillance of our computer labs.**

**Scope: It aims to provide the video stream of computer lab to be accessed remotely and also to control certain aspects of the lab through an announcement system.**

**Roles & Responsibilities:**

1. **Hinel Mistry(Backend Server Management and Announcement System)**
2. **Archan Parmar(Andriod app)**
3. **Dharmik Patel(Live Feed Management)**

**End User Characteristics: Provide live streaming of lab to the user and let user make announcement in case of any misconduct.**

**Development Environment:**

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| --- | --- |
| **Hardware Requirement (Minimum Requirement):** | **Software Requirement(Minimum Requirement):** |
| * **2 Cameras, 2 Speakers, A Python server and an Android phone.** | * **Python, Java.** |
| **Hardware Requirement (Your System Requirement):** | **Software Requirement(Your System Requirement):** |
| * **4GB of RAM, Windows Laptop or Computer.** | * **Python Editor and Android Studio.** |

**Approved by:**

**Prof. Trusha Patel (5th CE 1) Prof. Vinay Viradia(5th CE-1)**

**Guide 1: Prof. Trusha Patel**

**Guide 2: Prof. Vinay Viradia**