**Computer Engineering Project: VIII Semester, Academic Year: 2020-2021**

**Weekly Progress Report:**

Progress Report No: 8 Date: 08/03/2021

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| **Title of the Project:** | Online Proctored Examination system | | |
| **Type:** | UDP | | |
| **Group No:** | **Id. Numbers and Names:**   |  |  |  | | --- | --- | --- | | Sr. No. | Id. No. | Name | | 1 | 17CP003 | Parv Parikh | | 2 | 17CP024 | Dhruvil Kotecha | | 3 | 17CP050 | Hiten Sangtani | | | |
| **Guides:** |  | | |
| **Progress, Task done:**  In eighth week, we started working on the client server approach for the video proctoring and added modules for adding the questions according to bloom's taxonomy.   1. In client site web camera will be turned on and frames from that web camera will be transferred to the server side with the help of JavaScript and SocketIo library. 2. But here we were facing some difficulties to process that data in real time and also, we were having difficulties to convert frames which were in the format of ‘PIL’, because our face detector module takes the frames as ‘OpenCv videocapture’ format. 3. We also created a basic function which dynamically generates some “n” numbers of randomized tests which include different questions of various stages of the Bloom’s Taxonomy as per the requirements of an instructor. | | | |
| **Remarks of guide:** | |  | |
| **Signature of guide:** | | |  |