**Project Title:**

IoT-Vision enabled Assistant for Epileptic Patients.

**Project Supervisor:**

Mr. Samyan Qayyum Wahla

**Members:**

|  |  |
| --- | --- |
| **Name** | **Registration** |
| Muhammad Ali Murtaza | 2020-CS-114 |
| Ali Tariq | 2020-CS-142 |
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| Syed Azeem Ali Hashmi | 2020-CS-156 |

**Description:**

IoT-Vision enabled Assistant is a system that provides aid for people with epilepsy utilizing technologies of IoT and Computer Vision. This method focuses primarily on identifying epileptic episodes by continuously monitoring the patient using cameras and smartwatches. The data collected by the devices is wirelessly transmitted to a cloud-based server, where it is analyzed in real-time using machine learning algorithms to detect seizures. An alarm is promptly delivered to the patient’s caregiver through the available interface when an algorithm detects a seizure.

**Comments of Supervisor:**

Signature of Supervisor