Project: IoT based Dynamic M2M Healthcare and Disaster Management

• Developed platform to detect heart patients and alcoholic person driving 4-wheeler to   
reduce road accidents.

• Fetched data is locally sent to the database and compared against the threshold value.

• The vehicle’s ignition is suspended and respective notification is sent to the registered driver   
and to one of the driver’s relative, and friend through Lifeline Android application developed   
by Android studio using Java when the threshold level is met.

• GPS is used to track the location of the vehicle and in the case of network loss, previously   
fetched location can be taken as a reference and necessary actions will be taken by nearby   
healthcare and traffic police station.

• Programmed Raspberry Pi using Python.