**Use Case Specification (Description) Template**

Use Case ID: *Monitor\_News*

Use Case Name: Generate News

Primary Actor: *Client*

Pre-conditions: The device should be able to open the application and remember the login id and password.

Post-conditions: System will be able to show the news and late the user can close the application.

Basic Flow or Main Scenario: Client can open the application on their device and then on The GUi click on the News button which will then display the recent news.

Exceptions: It might not be able to generate the news because of some random number generation.

Use Case ID: *Monitor\_Police*

Use Case Name: *Calling police*

Primary Actor: *Client*

Pre-conditions: The device should be able to open the application and remember the login id and password.

Post-conditions: System should be able to have the ETA of Police on the GUI.

Basic Flow or Main Scenario: Client -> Monitor -> HomeAlarmSystem -> MotionSensor-> statusLocation-> actionNeeded -> 911 Dispatch -> Police Station

Extensions or Alternate Flows: Client -> Monitor -> Police -> 911 Dispatch ->PoliceStation -> sendETA

Exceptions: *911 might not be able to provide ETA below 5 minutes or the time shown as there might be external factors affecting it.*

Use Case ID: *Monitor\_Fire*

Use Case Name: *Calling Fire truck*

Primary Actor: *Client*

Pre-conditions: The device should be able to open the application and remember the login id and password.

Post-conditions: System should be able to have the ETA of Fire Truck on the GUI.

Basic Flow or Main Scenario: Client -> Monitor -> Fire -> 911 Dispatch -> SendFire -> sendETA

Extensions or Alternate Flows: Client -> Monitor -> HomeAlarmSystem -> SmokeAlarm -> statusLocation-> actionNeeded -> 911 Dispatch -> FireStation

Exceptions: *Fire Station may not be able to provide the truck as they might run out of the trucks.*

Use Case ID: *Monitor\_Medical*

Use Case Name: Ambulance call

Primary Actor: *Client*

Pre-conditions: The device should be able to open the application and remember the login id and password.

Post-conditions: System should be able to have the ETA of Ambulance on the GUI.

Basic Flow or Main Scenario: Client -> Monitor -> Medical -> 911 Dispatch -> SendAmbulance -> sendETA

Extensions or Alternate Flows: Client -> Monitor ->actionNeeded -> 911 Dispatch -> Ambulance Station-> sendETA

Exceptions: *Ambulance might not be able to there as there might be shortage of Ambulance cars or the emergency would require the estimated time to be less than the expected.*