**Mobile App Work Flow**

**Week – 1**

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| **Function** | **Description/Levels** | Duration |
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**Week 2-**

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| **Function** | **Description/Levels** | Duration |
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| Functions of alert mode | In the alert mode the user will be able to share the location with just 1 click. |  |
|  | As per the label the responder of the selected group will receive notification. |  |
|  | In case of alert mode, if the user location is not updated by 10 mins or phone is switched off, the responder will receive notification with last available information like battery level and last location. |  |
| Functions of High – alert mode | Once the user switches on the high alert mode, the location sharing will be on along with notifications with the following triggers -  |  |
|  | 1. Voice activation - At the time of the high alert mode the mic should always be on and once the user shouts or says the word 'HELP' the response activity must be triggered. |  |
|  | 2. Keep the touch - Just like noonlight, the user should get the feature of pressing the button once in the high alert mode, the user must always press the button. In case the user lefts the button the response activity gets triggered within 10 seconds. |  |
|  | 3. Phone fall - In any case of phone falling, the response activity must trigger. |  |
|  | 4. GPS location update - In case location is not updated within 3/5/10 minutes (Options to the user), the response activity must be triggered. |  |
|  | 5. Switch off notification - In case of phone turned off the response activity must be triggered. |  |
|  | 6. Low Battery alert - The responder must get the low battery alert from the user's phone if the battery is below 15%. |  |
| Report an emergency | A chat like option where the user can add pictures and easy details to report an emergency that happened close to him or in front of him. Like an accident or garage help or fire in a building. |  |

**Week 3 –**

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| **Function** | **Description/Levels** | Duration |
| Addition of devices | QR code from prompt from app. |  |
|  | Connect a particular Wi-Fi created by the device using a pre-defined set of SSID and passkey.  |  |
|  | Host a page for scanning a list of Wi-Fi and adding a password, which will be sent to the device using a link provided by us. |  |
| Device Operations | Create a web-socket connection with the AWS endpoints to send MQTT commands on a pre-defined topics. |  |
|  | The functions and operations of the device are as listed -  |  |
|  | 1. Change Mode – Auto and Manual
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|  | 1. Add phone number for each mode.
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|  | 1. Able to see device status – online or offline
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|  | 1. Notification bar for getting all the sensor notifications.
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|  | 1. Option for Play/stop siren and watch live feed.
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|  | 1. Other monitoring options like Signal or making a call or check balance.
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|  | 1. Battery percentage and sensor status
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|  | 1. Call/Message ON/OFF ability for each sensor.
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| Testing and Improvements | Testing of devices once connected with the application by us. |  |