

## Mobile Application Development for IoT Question Bank

### Unit-5:

#### 2 Marks Questions:

1. List out the Hardware Requirements for the Project 'voice activated Arduino'
2. List out the Software Requirements (Arduino) for the Project Bluetooth 'voice activated Arduino'
3. List out the Hardware Requirements for the Project 'BLE Mobile Robot'
4. Explain the pin configuration for 'dc motor'
5. Explain the pin configuration for 'ultrasonic sensor'
6. List out the Software Requirements (Arduino) for the Project 'BLE Mobile Robot'

#### 5 Marks Questions:

1. Explain the hardware configuration of the project 'voice activated Arduino' with a neat schematic diagram.
2. Write and explain complete Arduino sketch for 'voice activated Arduino'
3. Write and explain the steps for implementation of user interface for the project 'voice activated Arduino'
4. Write and explain the Android code for the project 'voice activated Arduino'
5. Explain the hardware configuration of the project 'BLE Mobile Robot' with a neat schematic diagram.
6. Write and explain complete Arduino sketch for 'BLE Mobile Robot'
7. Write and explain the steps for implementation of user interface for the project 'BLE Mobile Robot'
8. Write and explain the Android code for the project 'BLE Mobile Robot'