**QR Code Project**

**Requirement List:**

**Customer Requirements :**

1.1: Reading QR code.

1.2: Displaying information from it.

1.3: Voice message to be played with the directions.

1.4: If the class/meeting is over play and display a message accordingly.

1.5: If the QR code is outdated or damaged display a message accordingly.

**Hardware Requirements:**

* 1. Laptop with webcam or mobile phone for QR scanning.
  2. Sound Recorder.

**Software Requirements:**

* 1. Audacity.
  2. Eclipse/Blue J.
  3. UML Editor.
  4. QR code scanner.
  5. Excel/Word.
  6. GitHub.

**User Interface Requirements:**

4.1 Voice functionality

4.2 QR scanning functionality.

**Performance Requirements:**

5.1 Voice output should be loud and clear.

5.2 QR scanner should be very accurate and not fail.

**Safety Requirements:**

6.1 Delicate equipment e.g: camera must be correctly installed.

6.2 Directions must be accurate and safe.

**Ethical Requirements:**

7.1 Directions must be loud and clear for people with Disabilities.

7.2 Directions must have wheelchair access description.