

**Non-Functional Requirements** of the *Recycling Promotion System*:

- 1.1** The location must be detected in less than 5 seconds.
- 1.2** The nearest rubbish bins must be generated in less than 10 seconds.
- 1.3** The map must have a definition of at least 720px for the user to identify the location clearly.
- 2.1** The classification of recyclables must be done in 15 seconds or less.
- 2.2** The warning provided by the system must be specific, i.e. Picture examples of what is classified as a Recyclable per category must be shown to the user.
- 3.** The system must be able to reboot in 1 minute once it is down.
- 4.** The system must be replaceable with any databases supporting Standard SQL Queries.