产品定位：服务于公司垃圾管理应用

User requirements:

1. Staff shall contain manager, driver and garbage collector.

员工由经理、司机、垃圾清理工组成

1. Tasks shall contain bins application and on-site service

任务应包含垃圾箱申请和现场服务

1. Users shall get the location of nearby garbage cans and display the paths to them through this software

用户通过本软件获取附近垃圾桶的位置，并显示到垃圾桶的路径

1. Users shall have permission to request a new trash can for an area through this software

用户有权通过本软件为一个区域申请新的垃圾桶

1. Users shall have permission to update the position of trash cans through this software

用户有权通过本软件更新垃圾桶的位置

1. Users shall see the latest information and policy about waste management through this software

使用者可透过本软件浏览有关废物管理的最新资讯及政策

1. Users shall learn knowledge about waste classification through this software

用户可以通过本软件学习垃圾分类的相关知识

1. The software shall record when each trash can was last collected

软件应该记录每个垃圾桶最后一次被收集的时间

1. Users shall request the system to pick and classify the garbage of their house

用户应要求系统对其房屋内的垃圾进行收集和分类

1. Users information have to be compelled to be registered within the system
2. Users have to log in with their unique identity and passwords.
3. If user forget their password, they can reset them.
4. Manager can approve, postpone or cancel a request.
5. Users can search for categories of garbage

Transaction requirements:

Data entry:

1. Enter the details of a new branch
2. Enter the details of a new member of staff at a branch
3. Enter the detail of a new user registering in this system
4. Enter the details of a new garbage truck
5. Enter the details of a new task
6. Enter the details of a new position of bin

Data update/deletion:

1. Update/delete the details of a branch
2. Update/delete the details of a member of staff at a branch
3. Update/delete the details of a task
4. Update/delete the details of a garbage truck
5. Update/delete the details of a trash bin

Data queries:

1. List the details of branches in a given city
2. List the available garbage trucks
3. List the available transactions