**Waste Management System**

**Phase 1:- 24/03/2016 – 31/03/2016**

**Stakeholders:-**

**a-) Users**

**b-) Government Waste Collection Department(Municipality)**

**Requirement:-**

1 - ) User registration and Login : - New users should register on the site, while the existing users should be able to login with the help of a password.

1.1-) User Registration

1.2-) User Login

1.3-) Forgot Password (Send the link to reset the password in the mail)

2-) User Home Page :- There should be two options available for the user

-One Time Pick up Request

-Recurring Pickup Request (Maximum Time limit of one month)

-Cancel Request

3-) Display Status of the Request raised by the User through notification.

4-) Login For Municipality and drivers/collectors.

4-) Registration of vehicle and allotment of areas for Municipal Corporation Vehicle.

5-) Mapping of User Request to the nearest Municipal Corporation Vehicle.(It should be calculated based on the actual distance between that place of request and municipal corporation office)

6-) Sending Complete status to the User after completion of task.

**Database Design:-**

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**Technologies used:-**

* Spring MVC
* MYSql
* REST
* AngularJS
* Bootstrap
* Google Maps
* Hibernate

**Assumptions:-**

Each area has only one vehicle.

At 8:00 am all the request are finalized everyday.