**MUSK ENTERPRISE**

**System overview**

Musk Enterprise is an inspection company that does health, safety, environment and quality inspection in companies. What the system does is to help ME to process the job. They system will provide efferent portals different types of users given below. Each user will have a dashboard will include all the roles and duties that can be performed on the system.

The users of this system are creating accounts for themselves and the management will give them roles in the systems. These roles will limit they can access.

ME system will have one login form which will direct the user to the dashboard.

**Development team**

**#NB: Id in brackets will be used to identify who is doing what**

1. Bibie
2. Raghunath
3. Bharani
4. Rahman

**Users of the system**

1. Clients.
2. Inspectors.
3. Supervisors.
4. Managers.

**Roles of users in the system**

**clients**

1. View what the company do.
2. Request for services from Musk.

**Inspector**

1. View assigned tasks.
2. Complete the task through writing.
3. Compose a report through forms, if the forms are submitted the job (is completed).
4. Upload documents**.**

**Supervisors**

1. Assign tasks to inspectors.
2. View tasks(reports) completed by inspectors.
3. View forms from inspectors.
4. Amend the reports.
5. Forward reports to management.

**Managers**

1. View all tasks running completed and running
2. View reports from supervisors
3. Can create accounts for supervisors and for other managers.

**System breakdown**

**Phase one**

* Landing page
* User sign up
* User login
* Distributing roles to users by management

All users of the system will have their accounts ready in this stage.

This phase can be broken down having 4 users which are clients, inspectors, supervisors and managers.

**Phase two**

**CRUD Operations**

**Users**

* Controller
* Model
* Migrations Bibie
* Views
* Routes

Manager

* Controller
* Model
* Migrations Rahman
* Views
* Routes

Supervisor

* Controller
* Model
* Migrations Raghunath
* Views
* Routes

Client

* Controller
* Model
* Migrations Bharani
* Views
* Routes

Inspector

* Controller
* Model
* Migrations Bibie
* Views
* Routes

**Sites – (Bharani)**

* Model
* Controller
* View

**Quality –(Rahman)**

* Model
* Controller
* View

**Work stations—(Raghunath)**

* Model
* Controller
* View

**Site\_rules—(Bharani)**

* Model
* Controller
* View

**Environmental—(Bibie)**

* Model
* Controller
* View

**Protection—(Rahman)**

* Model
* Controller
* View

**Equipment—(Bharani)**

* Model
* Controller
* View

**Miscellaneous—(Raghunath)**

* Model
* Controller
* View

**Overalls—(Bibie)**

* Model
* Controller
* View

And lastly, Report generation. –(Rahman)