

Customer Relationship Management

Exercise description:

The exercise is to build a simple CRM (Customer Relationship Management) backend service

application that handles company daily business daily operations, CRM systems have a

There are a lot of modules and specifications but for our exercise we want to have the following

modules:

- 1- Customer module that contains all data about customer.
- 2- Service module that has all the services the company provides.
- 3- Employees module that login to the system and add, manage, update customers and services that the customer can take.

The application you build should have the following features:

- 1- Ability to login to the system.
- 2- Ability to search for customers.
- 3- Ability to add customers.
- 4- Ability to edit customers.
- 5- Ability to delete customers.

- 6- Ability to list all services the customer has
- 7- Ability to add new services to any customer.
- 8- Ability to stop service for a customer.
- 9- Ability to let super admin add new service in the company.
- 10- Ability to list all customers with their active services.

Schemas:

super admin: id, email, password, last_login, timestamp

services: id, title, description, timestamp

customer: id, username, email, password, timestamp, last_login

employee: id, username, email, password, last_login, timestamp