Service Providing Application

## Introduction:

An application where a user can Sign-in, Sign-up, Buy a service, Edit or Update it, get alerts and all the information about the service in the form of a visible charts in a dashboard.

## Front-end:

Angular

## Backend:

NodeJS

## Database:

MongoDB

# Frontend

## Modules:

1. Login
   1. Sign-up
   2. Sign-in
   3. Forgot/ Reset password (confirmation link to mail/ security questions)
2. Dashboard
   1. No. of users signed up
   2. Types of users
   3. Types of services
   4. Gender diversity
   5. Location
   6. Health check of application
3. Service Module
   1. Apply/Buy a service
   2. Check the status of service
   3. Update the service
   4. De-register the service
   5. Get alert about nearing the end date of service

### Process:

* npm install -g angular/cli to install angular.
* ng new ElectronicsStoreApplicationClient to create the application.
* ng serve –o to run the application.
* npm install bootstrap
* npm install jquery
* modify angular.json as

"styles": [

              "src/styles.scss",

              "./node\_modules/bootstrap/dist/css/bootstrap.min.css"

            ],

            "scripts": [

              "./node\_modules/bootstrap/dist/js/bootstrap.min.js",

              "./node\_modules/jquery/dist/jquery.min.js"

            ]

* **npm install @ng-bootstrap/ng-bootstrap bootstrap @ngrx/core @ngrx/effects @ngrx/store ngrx-store-logger ngx-pagination**

# Backend

## APIs:

1. Sign-up
2. Sign-in
3. Forgot password
4. No of users
5. Types of users
6. Types of services
7. Gender diversity
8. Health check
9. Add service
10. Update service
11. Delete service
12. Get alert

### Process:

* npm install express-generator
* express ElectronicsStoreApplicationServer
* npm install
* npm install cors
* add in app.js

const cors = require('cors');

app.use(cors());

* npm install mongodb

# Database

## Tables:

1. tbl\_users
   1. userName
   2. First name
   3. Last name
   4. Full name
   5. emailid
   6. phone number
   7. alternative email
   8. Gender
   9. age
   10. Dob
   11. country
   12. isAdmin
   13. password
   14. security question id
   15. security answer
   16. service id
2. Services Data
   1. serviceId
   2. serviceType
   3. salesChannel
   4. price
   5. saleStartDate
   6. saleEndDate
   7. Is active