**mAadhar Application**

* This project is designed to handle Aadhar details.
* This project contains two role, admin and user.
* User can create new aadhar, and they can update details and also they can delete when user is dead.
* User can also take the duplicate aadhar card.
* Admin verifies the details of the user.
* And makes the details approve.
* For backend coding, spring boot is used along with postman method
* MySQL workbench is used to store data.
* For front end Angular framework is used.
* Angular uses HTML, CSS and Typescript to code.
* In angular everything is divided into components.
* Spring integrate with MySQL and connects to database.
* User registers to the system firs and then logs into the system
* Admin logs into the system with static credentials.
* For testing Selenium IDE is use, local host with port number url is executed in the selenium IDE, it will record all the activities.
* Then when we play, it will checks all the options, and shows completed successfully message.
* Git is used to deploy the code.

**MySQL**

* MySQL is a relational database management system
* MySQL is open-source
* MySQL is free
* MySQL is ideal for both small and large applications
* MySQL is very fast, reliable, scalable, and easy to use
* MySQL is cross-platform
* MySQL is compliant with the ANSI SQL standard
* MySQL was first released in 1995

**Spring Boot**

* Easy deployment
* Simple scalability
* Compatible with Containers
* Minimum configuration
* Lesser production time

**Angular**

* Angular is common and popular name of the Angular's version beyond 2+
* Angular is a TypeScript-based open-source full-stack web application framework
* Instead of scope and controller, Angular uses hierarchy of components as its primary architectural characteristic.
* Angular supports dynamic loading of the page.
* Angular uses the different expression syntax. It uses "[ ]" for property binding, and "( )" for event binding.

**GIT**

* Manage projects with **Repositories**
* **Clone** a project to work on a local copy
* Control and track changes with **Staging** and **Committing**
* **Branch** and **Merge** to allow for work on different parts and versions of a project
* **Pull** the latest version of the project to a local copy
* **Push** local updates to the main project

**SELENIUM**

The Selenium test suite comprises of four tools:

1. Selenium Integrated Development Environment (IDE)
2. Selenium Remote Control (RC)
3. Selenium WebDriver
4. Selenium Grid