**CAPSTONE PROJECT**

**mAADHAR APPLICATION**

**Problem statement:**

Develop an application to automate the process of applying for an Aadhar Card by making it smoother for Indian citizens.

**Scenario:**

**Varniraj Service PVT. LTD** is closely working with “The Government of India” to help them get a solution for processing applications for Aadhaar Card. Application is intended to register citizens and let them display ID to process their Aadhar Card application.

**Features of the application:**

* Registration
* Login
* Apply for a new Aadhar Card
* Place a request for updating Aadhar details
* Apply for a duplicate Aadhar Card
* Admin: Approve Aadhar Application and issue new Aadhar number
* Apply to close Aadhaar card (due to death)

**Planning**:

Sprint Duration: 2 Days

**Agenda**:

1. Identifying the problem statement.

2. Implementing the frontened concepts are ANGULAR and BOOTSTRAP in the code and executing the program.

3. Implementing the Backened concepts for executing the program.

4. Implementing the Testing concepts like Testng for Testing.

5. Connected to Git and pushed the source to GitHub repository.

**User Stories:**

• The problem statement was identified and implemented the admin portal and user portal.

**Admin Portal:**

The admin portal deals with all the backend data generation. The admin user should be able to:

* Login through admin credentials
* Approve new Aadhaar Card request
* Verify request for duplicate Aadhaar
* Display all issued Aadhaar Card
* Delete Aadhaar card details for dead citizen

**User Portal:**

It deals with user activities. The end-user should be able to:

* Sign in to apply for a new Aadhar Card
* Login to see the Aadhar number assigned by the admin
* Update address, phone number, and date of birth of Aadhaar Card
* Request duplicate Aadhaar Card
* Sprints are planned.
* Prepared algorithm.
* Connected to Git and pushed the source to GitHub repository.

**ALGORITHM:**

Step 1: Start the program.

Step 2: Create a Maven project.

Step 3: Open the pom.xml file and add the necessary dependencies.

Step 4:Create Registration page for entering the name and other details for the Indian citizens.

Step 5: Create login page for Admin and User.

Step 6: Create admin page where admin can manage the login, registration and other Credentials.

Step 7: User can place a request for updating, duplicating and Register for a new Aadhar card.

Step 8: Admin can approve all the requests from users.

Step 9:Database was stored in Mysql.

Step 10: Testing can be done using Testng through selenium.

Step 11:Run the application and execute the output.

Step 12: End program.