

mAadhar Application writeup.

Installation Guide:

1. GitHub link: <https://github.com/baljeet-singh97/JAVA-Projects/tree/main/CapstoneProject>
2. Download the entire project as Zip in local system.
3. import the Backend project in Eclipse IDE
4. import the Frontend project in Visual Studio Code
5. Run both simultaneously

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.

Expected Deliverables:

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)

Recommended technologies:

- **Database:** MySQL
- **Backend:** Java Programming (Spring Boot, JPA, Hibernate)
- **Frontend:** Angular, Bootstrap, and HTML/CSS
- **Automation and testing technologies:** Selenium and TestNG
- **DevOps tools/technologies:** Git, GitHub, Jenkins, and Docker

Admin Portal:

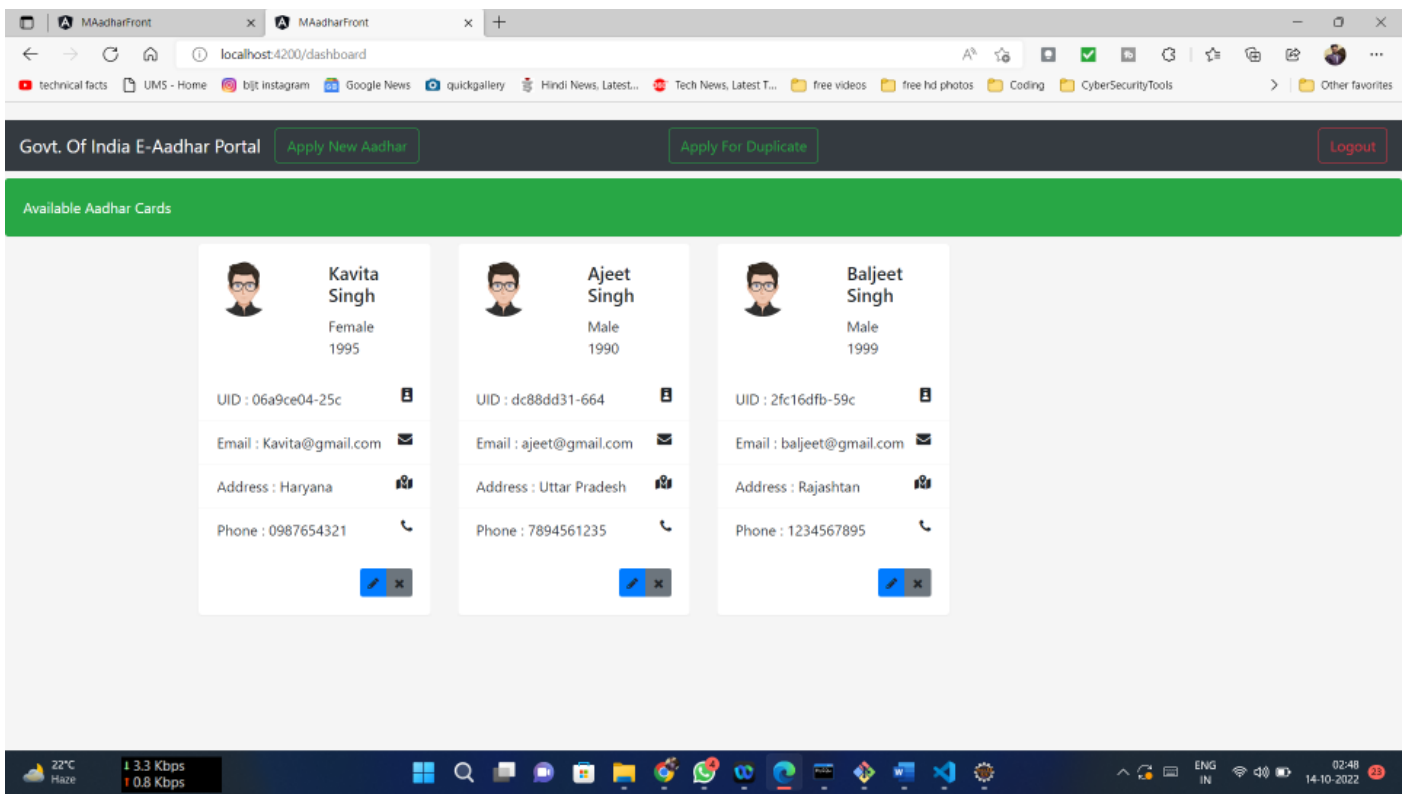
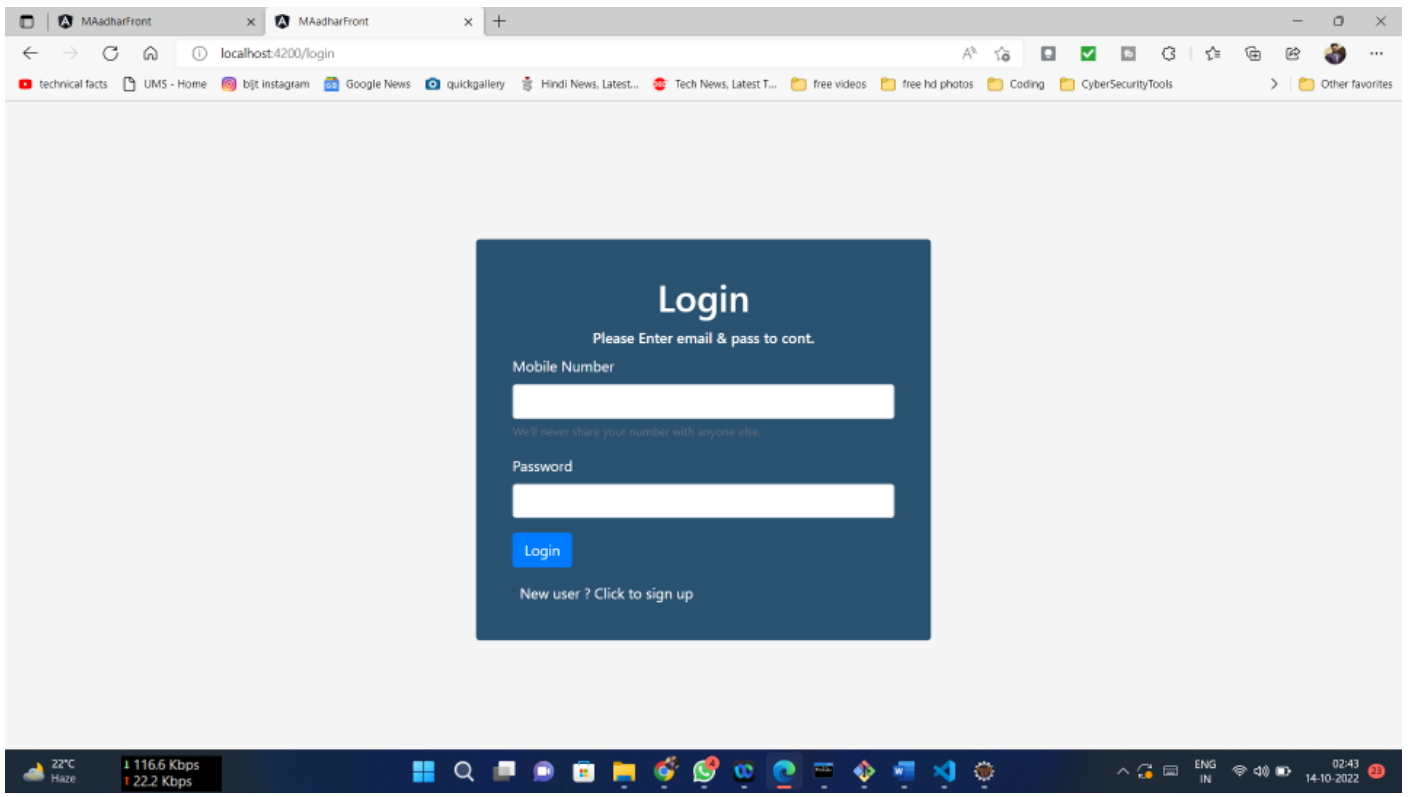
The admin portal deals with all the backend data generation. The admin user should be able to:

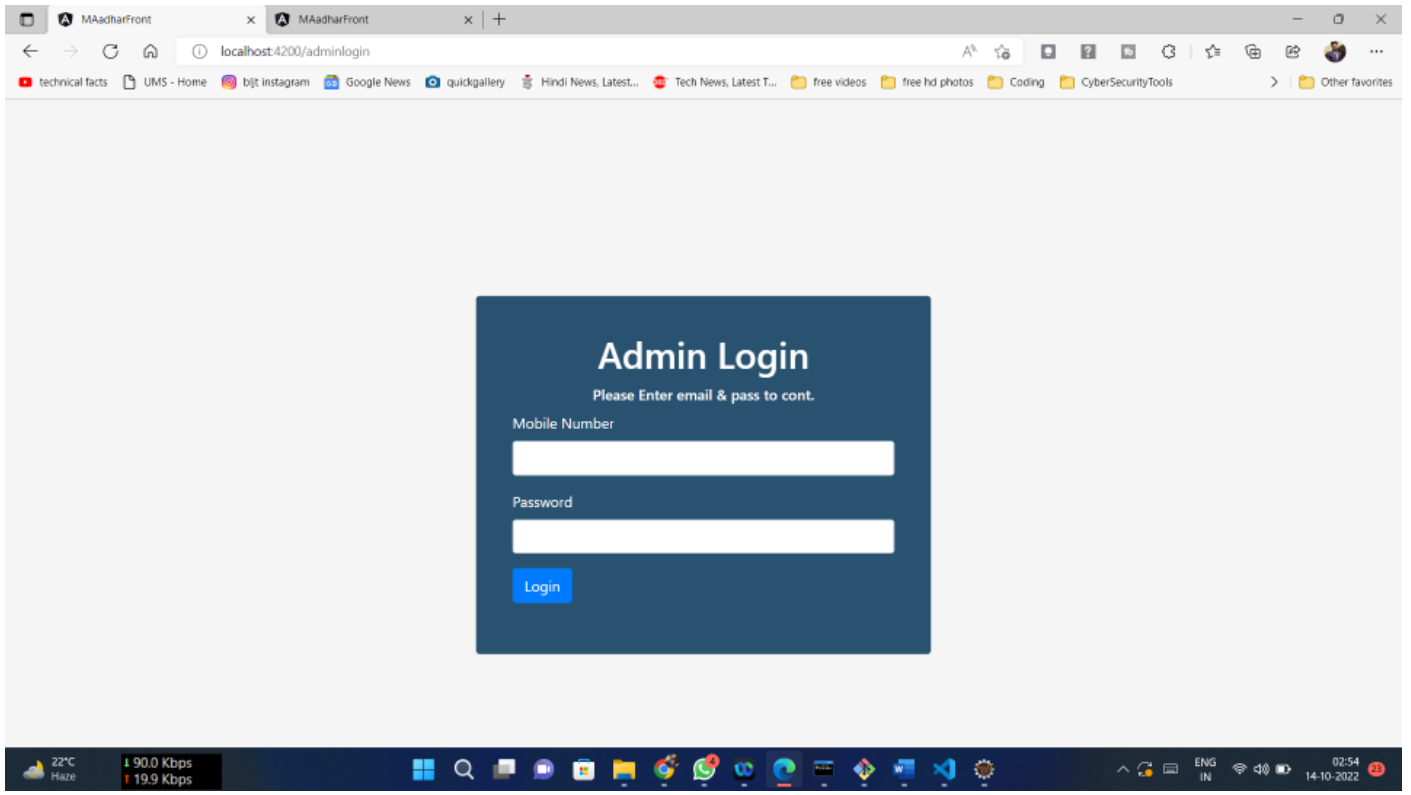
- Login through admin credentials
- Approve new Aadhaar Card request
- Verify request for duplicate Aadhaar
- Display all issued Aadhaar Card
- Delete Aadhaar card details for dead citizen

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





13	kuntalg	lpu	balje@gmail.com	9782138915	male	1999	Approve
8	fromfront	uttarpradesh	angul@gmail.com	8529637415	male	1999	Approve
14	test3	haryana	test3@gmail.com	8529637410	male	2000	Approve
15	test5	up	test5@gmail.com	9782138915	female	1999	Approve
22	Alex	USA	alex@gmail.com	852963147	Male	1999	Approve
17	updtchck	raj	fajkf@gmail.com	0987654321	male	1999	Approve
18	actionchk2	uttar	actchk2@gmail.com	9874561235	male	2000	Approve
19	Kavita Singh	Haryana	Kavita@gmail.com	0987654321	Female	1995	Approve
20	Ajeet Singh	Uttar Pradesh	ajeet@gmail.com	7894561235	Male	1990	Approve
21	Baljeet Singh	Rajashtan	baljeet@gmail.com	1234567895	Male	1999	Approve
23	Victor	New York	victor@gmail.com	8521479635	Male	1995	Approve

SeleniumTestLogs:

Selenium IDE - erxg*

Project: erxg*

Tests +

Search tests...

http://localhost:4200/login

✓ UserDashboard*

✓ userlogin*

	Command	Target	Value
1	✓ open	http://localhost:4200/login	
2	✓ set window size	1382x744	
3	✓ click	linkText=New user ? Click to sign up	
4	✓ click	id=exampleInputPassword1	
5	✓ type	id=exampleInputPassword1	Ram

Command

Target

Value

Description

Log

Reference

5. type on id=exampleInputPassword1 with value Ram OK

6. click on id=exampleInputPassword2 OK

7. type on id=exampleInputPassword2 with value 1234567890 OK

8. click on id=exampleInputEmail3 OK

9. type on id=exampleInputEmail3 with value ram@gmail.com OK

10. click on id=exampleInputPassword4 OK

11. close OK

'userlogin' completed successfully

Selenium IDE - erxg*

Project: erxg*

Tests +

Search tests...

Run current test Ctrl+R

hboard

✓ UserDashboard*

	Command	Target	Value
13	✓ type	id=phone	Big
14	✓ click	id=imageUrl	
15	✓ type	id=imageUrl	Ram@gmail.com
16	✓ click	css=#addEmployee .form-group:nth-child(6) > #imageUrl	
17	✓ close		

Command

Target

Value

Description

Log

Reference

12. click on id=imageUrl OK

13. type on id=phone with value Big OK

14. click on id=imageUrl OK

15. type on id=imageUrl with value Ram@gmail.com OK

16. click on css=#addEmployee .form-group:nth-child(6) > #imageUrl OK

17. close OK

'UserDashboard' completed successfully

Logs:

Running 'UserDashboard'

04:12:48

1.

open on http://localhost:4200/dashboard OK

04:12:48

2.

setWindowSize on 1382x744 OK

04:12:48

3.

click on xpath=//button[@type='submit'] OK

04:12:48

4.

mouseOver on xpath=//button[@type='submit'] OK

04:12:49

5.

mouseOut on xpath=//button[@type='submit'] OK

04:12:50

6.

click on id=name OK

04:12:50

7.

type on id=name with value ram OK

04:12:50

8.

click on id=email OK

04:12:50

9.

type on id=email with value Male OK

04:12:50

10.

click on id=jobTile OK

04:12:51

11.

type on id=jobTile with value 1996 OK

04:12:51

12.

click on id=phone OK

04:12:51

13.

type on id=phone with value Blg OK

04:12:51

14.

click on id=imageUrl OK

04:12:52

15.

type on id=imageUrl with value Ram@gmail.com OK

04:12:52

16.

click on css=#addEmployee .form-group:nth-child(6) > #imageUrl OK

04:12:52

17.

close OK

04:12:52

'UserDashboard' completed successfully

04:12:52

Running 'userlogin'

04:16:05

1.

open on <http://localhost:4200/login> OK

04:16:05

2.

setWindowSize on 1382x744 OK

04:16:05

3.

click on linkText=New user ? Click to sign up OK

04:16:06

4.

click on id=exampleInputPassword1 OK

04:16:07

5.

type on id=exampleInputPassword1 with value Ram OK

04:16:07

6.

click on id=exampleInputPassword2 OK

04:16:07

7.

type on id=exampleInputPassword2 with value 1234567890 OK

04:16:07

8.

click on id=exampleInputEmail3 OK

04:16:07

9.

type on id=exampleInputEmail3 with value ram@gmail.com OK

04:16:08

10.

click on id=exampleInputPassword4 OK

04:16:08

11.

close OK

04:16:08

'userlogin' completed successfully