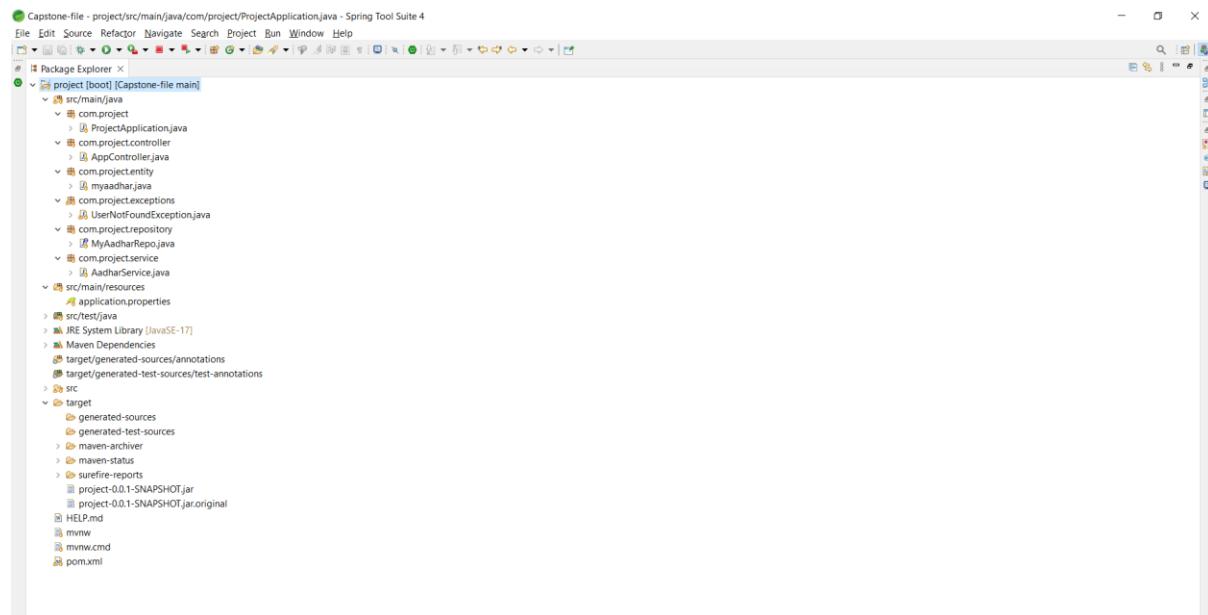


Capstone Project - mAadhar Application.

- Spring Boot Application- STS(AADHAR app)

Project Structure:



○ Pom.xml

Pom.xml (Top)

```

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>2.7.4</version>
    <relativePath/> <!-- lookup parent from repository -->
  </parent>
  <groupId>com.example</groupId>
  <artifactId>project</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <name>project</name>
  <description>Demo project for Spring Boot</description>
  <properties>
    <java.version>17</java.version>
  </properties>
  <dependencies>
    <dependency>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-data-jpa</artifactId>
      <dependency>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-starter-web</artifactId>
        <dependency>
          <groupId>org.apache.tomcat.embed</groupId>
          <artifactId>tomcat-embed-jasper</artifactId>
          <version>9.0.44</version>
          <scope>provided</scope>
        </dependency>
        <dependency>
          <groupId>org.springframework.boot</groupId>
          <artifactId>spring-boot-starter-tomcat</artifactId>
          <version>2.4.4</version>
        </dependency>
      </dependency>
    </dependency>
  </dependencies>
  <build>
    <plugins>
      <plugin>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-maven-plugin</artifactId>
        <version>3.1.1</version>
        <configuration>
          <skipTests>true</skipTests>
        </configuration>
      </plugin>
    </plugins>
  </build>
</project>

```

Pom.xml (Bottom)

```

<?xml version="1.0" encoding="UTF-8"?>
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">
  <modelVersion>4.0.0</modelVersion>
  <parent>
    <groupId>org.springframework.boot</groupId>
    <artifactId>spring-boot-starter-parent</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <name>project</name>
    <description>Demo project for Spring Boot</description>
  </parent>
  <groupId>com.example</groupId>
  <artifactId>project</artifactId>
  <version>0.0.1-SNAPSHOT</version>
  <name>project</name>
  <description>Demo project for Spring Boot</description>
  <properties>
    <java.version>1.8</java.version>
  </properties>
  <dependencies>
    <dependency>
      <groupId>javax.servlet</groupId>
      <artifactId>jstl</artifactId>
      <version>1.2</version>
    </dependency>
    <dependency>
      <groupId>taglibs</groupId>
      <artifactId>standard</artifactId>
      <version>1.1.2</version>
    </dependency>
    <dependency>
      <groupId>mysql</groupId>
      <artifactId>mysql-connector-java</artifactId>
      <scope>runtime</scope>
    </dependency>
    <dependency>
      <groupId>org.springframework.boot</groupId>
      <artifactId>spring-boot-starter-test</artifactId>
      <scope>test</scope>
    </dependency>
  </dependencies>
  <build>
    <plugins>
      <plugin>
        <groupId>org.springframework.boot</groupId>
        <artifactId>spring-boot-maven-plugin</artifactId>
        <version>3.1.1</version>
        <configuration>
          <skipTests>true</skipTests>
        </configuration>
      </plugin>
    </plugins>
  </build>
</project>

```

● Java code

The screenshot shows two Eclipse IDE windows side-by-side.

Top Window (Capstone-file - project/src/main/java/com/project/ProjectApplication.java):

```
1 package com.project;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class ProjectApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(ProjectApplication.class, args);
10    }
11 }
12
13 }
```

Bottom Window (Capstone-file - project/src/main/java/com/project/entity/myaadhar.java):

```
1 package com.project.entity;
2
3 import javax.persistence.Entity;
4
5 @Entity
6 public class myaadhar {
7
8     @Id
9     @GeneratedValue(strategy = GenerationType.IDENTITY)
10    private int id;
11    private String fullname;
12    private String gender;
13    private String address;
14    private String dob;
15    private int phone;
16    private String email;
17    private String imageUrl;
18
19    public String getImageUrl() {
20        return imageUrl;
21    }
22
23    public void setImageUrl(String imageUrl) {
24        this.imageUrl = imageUrl;
25    }
26
27    public int getId() {
28        return id;
29    }
30
31    public void setId(int id) {
32        this.id = id;
33    }
34
35    public String getFullscreen() {
36        return fullname;
37    }
38
39    public String getGender() {
40        return gender;
41    }
42
43    public String getAddress() {
44        return address;
45    }
46
47    public String getDob() {
48        return dob;
49    }
50
51    public int getPhone() {
52        return phone;
53    }
54
55    public String getEmail() {
56        return email;
57    }
58
59    public String getImageUrl() {
60        return imageUrl;
61    }
62
63    public void setFullscreen(String fullname) {
64        this.fullname = fullname;
65    }
66
67    public void setGender(String gender) {
68        this.gender = gender;
69    }
70
71    public void setAddress(String address) {
72        this.address = address;
73    }
74
75    public void setDob(String dob) {
76        this.dob = dob;
77    }
78
79    public void setPhone(int phone) {
80        this.phone = phone;
81    }
82
83    public void setEmail(String email) {
84        this.email = email;
85    }
86
87    @Override
88    public String toString() {
89        return "myaadhar{" +
90            "id=" + id +
91            ", fullname='" + fullname + '\'' +
92            ", gender='" + gender + '\'' +
93            ", address='" + address + '\'' +
94            ", dob='" + dob + '\'' +
95            ", phone=" + phone +
96            ", email='" + email + '\'' +
97            ", imageUrl='" + imageUrl + '\'' +
98            '}';
99    }
100 }
```

Project Application Entity (myaadhar.java)

```

public class MyAadhar {
    private int id;
    private String fullname;
    private String gender;
    private String address;
    private String dob;
    private int phone;
    private String email;
    private String imageUrl;

    public String getAddress() {
        return address;
    }

    public void setAddress(String address) {
        this.address = address;
    }

    public String getDob() {
        return dob;
    }

    public void setDob(String dob) {
        this.dob = dob;
    }

    public int getPhone() {
        return phone;
    }

    public void setPhone(int phone) {
        this.phone = phone;
    }

    public String getEmail() {
        return email;
    }

    public void setEmail(String email) {
        this.email = email;
    }

    @Override
    public String toString() {
        return "MyAadhar [id=" + id + ", fullname=" + fullname + ", gender=" + gender + ", address=" + address +
               ", dob=" + dob + ", phone=" + phone + ", email=" + email + ", imageUrl=" + imageUrl + "]";
    }
}

```

Repository Interface (MyAadharRepo.java)

```

package com.project.repository;

import java.util.Optional;

public interface MyAadharRepo extends JpaRepository<MyAadhar, Integer> {
    Optional<MyAadhar> findById(int id);
}

```

Service Implementation (AadharService.java)

```

package com.project.service;

import java.util.List;
import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.stereotype.Service;
import com.project.repository.MyAadharRepo;
import com.project.entity.MyAadhar;

@Service
public class AadharService {
    private final MyAadharRepo repo;

    @Autowired
    public AadharService(MyAadharRepo repo) {
        this.repo = repo;
    }

    public List<MyAadhar> findAllRecords() {
        return repo.findAll();
    }

    public MyAadhar add(MyAadhar x) {
        return repo.save(x);
    }

    public MyAadhar update(MyAadhar x) {
        return repo.save(x);
    }

    public MyAadhar findMyAadharById(int id) {
        return repo.findById(id)
            .orElseThrow(() -> new UserNotFoundException("User by id " + id + " not found"));
    }

    public void delete(int id) {
        repo.deleteById(id);
    }
}

```

Capstone-file - project/src/main/java/com/project/exceptions/UserNotFoundException.java - Spring Tool Suite 4

```

1 package com.project.exceptions;
2
3 public class UserNotFoundException extends RuntimeException {
4     public UserNotFoundException(String message) {
5         super(message);
6     }
7 }

```

Capstone-file - project/src/main/java/com/project/controller/AppController.java - Spring Tool Suite 4

```

1 package com.project.controller;
2
3 import java.util.List;
4
5 @CrossOrigin("http://localhost:4200")
6 @RestController
7 @RequestMapping("/aadhar")
8 public class AppController {
9
10     private final AadharService aadharService;
11
12     public AppController(AadharService aadharService) {
13         this.aadharService=aadharService;
14     }
15
16     @GetMapping("/")
17     public ResponseEntity<List<MyAadhar>> getalldetails(){
18         List<MyAadhar> records=aadharService.findallRecords();
19         return new ResponseEntity<>(records,HttpStatus.OK);
20     }
21
22     @GetMapping("/find/{id}")
23     public ResponseEntity<MyAadhar> getaadharById(@PathVariable("id") int id){
24         MyAadhar myaadhar =aadharService.findMyAadharById(id);
25         return new ResponseEntity<>(myaadhar,HttpStatus.OK);
26     }
27
28     @PostMapping("/add")
29     ResponseEntity<MyAadhar> addRequest(@RequestBody MyAadhar x){
30         myaadhar =aadharService.add(x);
31         return new ResponseEntity<>(x,HttpStatus.CREATED);
32     }
33
34     //for updating
35     @PutMapping("/update")
36     ResponseEntity<MyAadhar> updateRequest(@RequestBody MyAadhar x){
37         myaadhar =aadharService.update(x);
38         return new ResponseEntity<>(x,HttpStatus.OK);
39     }
40
41     @DeleteMapping("/delete/{id}")
42     ResponseEntity<MyAadhar> deleteRequest(@PathVariable("id") int id){
43         aadharService.delete(id);
44         return new ResponseEntity<>(HttpStatus.OK);
45     }
46
47 }

```

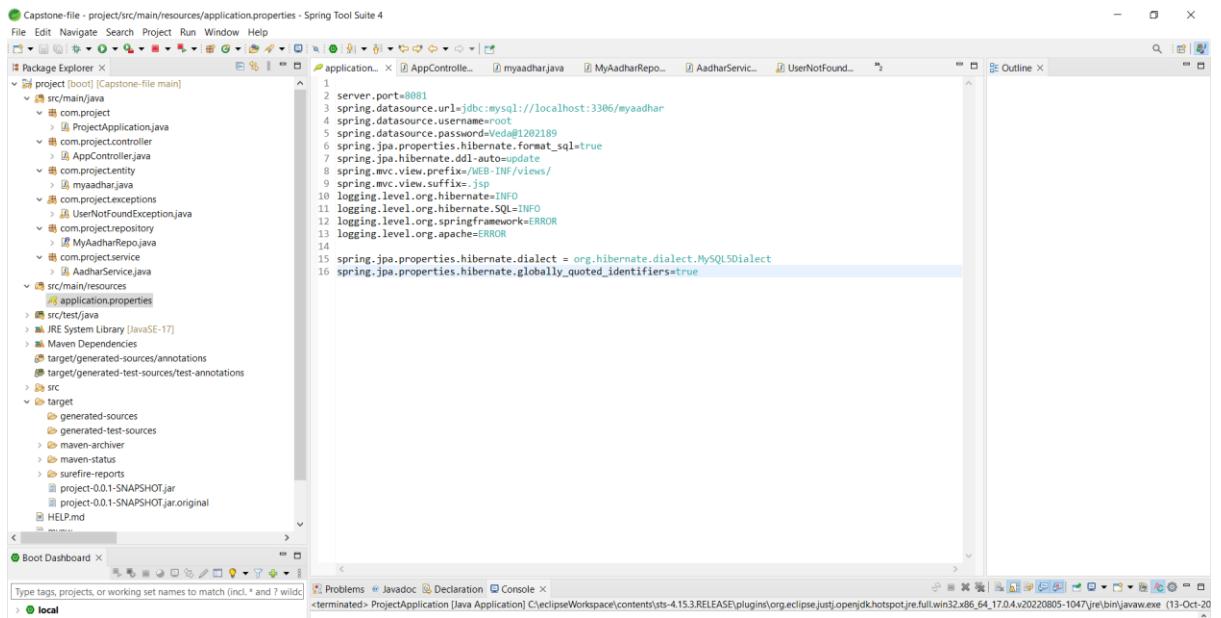
Capstone-file - project/src/main/java/com/project/controller/AppController.java - Spring Tool Suite 4

```

1 package com.project.controller;
2
3 import java.util.List;
4
5 @CrossOrigin("http://localhost:4200")
6 @RestController
7 @RequestMapping("/aadhar")
8 public class AppController {
9
10     private final AadharService aadharService;
11
12     public AppController(AadharService aadharService) {
13         this.aadharService=aadharService;
14     }
15
16     @GetMapping("/")
17     public ResponseEntity<List<MyAadhar>> getalldetails(){
18         List<MyAadhar> records=aadharService.findallRecords();
19         return new ResponseEntity<>(records,HttpStatus.OK);
20     }
21
22     @GetMapping("/find/{id}")
23     public ResponseEntity<MyAadhar> getaadharById(@PathVariable("id") int id){
24         MyAadhar myaadhar =aadharService.findMyAadharById(id);
25         return new ResponseEntity<>(myaadhar,HttpStatus.OK);
26     }
27
28     @PostMapping("/add")
29     ResponseEntity<MyAadhar> addRequest(@RequestBody MyAadhar x){
30         myaadhar =aadharService.add(x);
31         return new ResponseEntity<>(x,HttpStatus.CREATED);
32     }
33
34     //for updating
35     @PutMapping("/update")
36     ResponseEntity<MyAadhar> updateRequest(@RequestBody MyAadhar x){
37         myaadhar =aadharService.update(x);
38         return new ResponseEntity<>(x,HttpStatus.OK);
39     }
40
41     @DeleteMapping("/delete/{id}")
42     ResponseEntity<MyAadhar> deleteRequest(@PathVariable("id") int id){
43         aadharService.delete(id);
44         return new ResponseEntity<>(HttpStatus.OK);
45     }
46
47 }

```

● Applications.properties

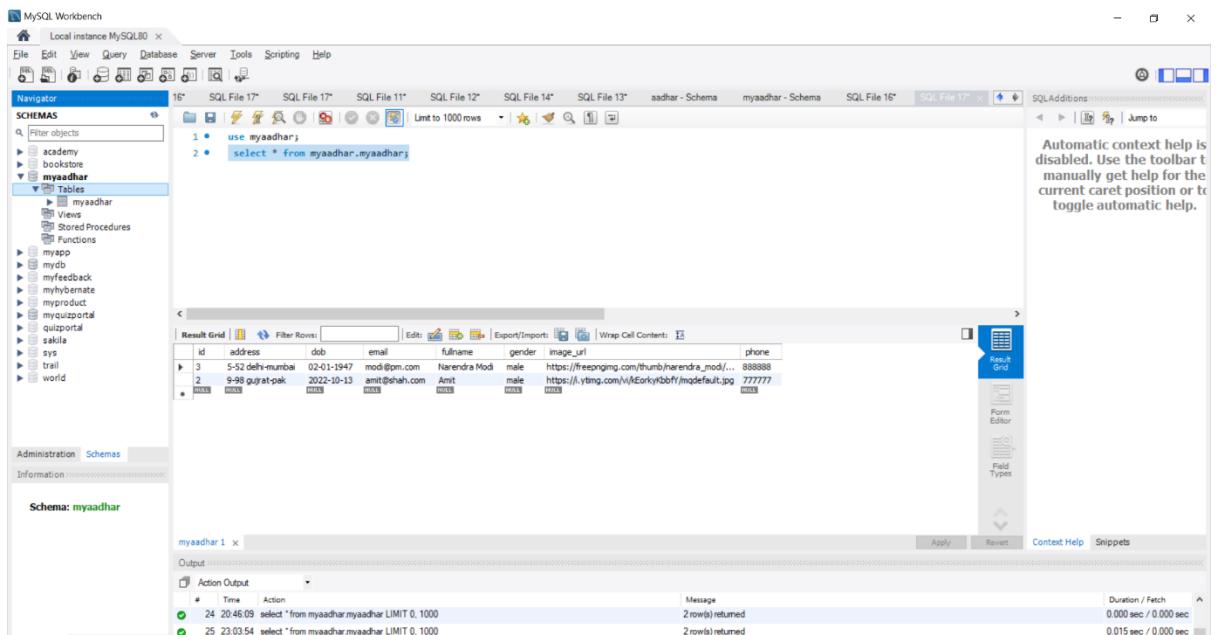


```

server.port=8081
spring.datasource.url=jdbc:mysql://localhost:3306/myaadhar
spring.datasource.username=root
spring.datasource.password=Veda@1202189
spring.jpa.properties.hibernate.format_sql=true
spring.jpa.hibernate.ddl-auto:update
spring.mvc.view.prefix=/WEB-INF/views/
spring.mvc.view.suffix=.jsp
logging.level.org.hibernate=INFO
logging.level.org.hibernate.SQL=INFO
logging.level.org.springframework=ERROR
logging.level.org.apache=ERROR
spring.jpa.properties.hibernate.dialect = org.hibernate.dialect.MySQLDialect
spring.jpa.properties.hibernate.globally_quoted_identifiers=true

```

MySQL workbench:



The screenshot shows the MySQL Workbench interface with a local instance of MySQL 8.0. The Navigator pane displays the 'myaadhar' schema, which contains tables like 'myaadhar', 'myapp', 'mydb', etc. The SQL Editor pane shows a query:

```

use myaadhar;
select * from myaadhar.myaadhar;

```

The Result Grid pane displays the following data:

	id	address	dob	email	fullname	gender	image_url	phone
1	3	5-22 delhi-mumbai	02-01-1947	modi@pm.com	Narendra Modi	male	https://freenging.com/thumb/narendra_modi_1536x1536.jpg	888888
2	2	9-88 pune-pk	2022-10-13	anit@shah.com	Anit	male	https://i.ytimg.com/v/qE9kytbfv/modeDefault.jpg	777777

The Output pane shows the execution history:

#	Time	Action	Message	Duration / Fetch
24	20:46:09	select * from myaadhar.myaadhar LIMIT 0, 1000	2row(s) returned	0.000 sec / 0.000 sec
25	23:03:54	select * from myaadhar.myaadhar LIMIT 0, 1000	2row(s) returned	0.015 sec / 0.000 sec

● FRONT END -ANGULAR

- Create new app- > ng new myapp –no-strict
- Create new component -> ng g c home – skipTest=true
- Server-> ng serve

```

nc nc
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.

C:\Windows\system32>cd C:\javademo\angulardemos

C:\javademo\angulardemos>ng new FrontEnd-Aadhar --no-strict
Would you like to add Angular routing? No
What stylesheet format would you like to use? CSS
CREATE FrontEnd-Aadhar/angular.json (3006 bytes)
CREATE FrontEnd-Aadhar/package.json (1080 bytes)
CREATE FrontEnd-Aadhar/README.md (1069 bytes)
CREATE FrontEnd-Aadhar/tsconfig.json (539 bytes)
CREATE FrontEnd-Aadhar/tsconfig.app.json (242 bytes)
CREATE FrontEnd-Aadhar/tsconfig.editor.json (242 bytes)
CREATE FrontEnd-Aadhar/gitignore (568 bytes)
CREATE FrontEnd-Aadhar/browserlistrc (600 bytes)
CREATE FrontEnd-Aadhar/karma.conf.js (1433 bytes)
CREATE FrontEnd-Aadhar/tsconfig.app.json (287 bytes)
CREATE FrontEnd-Aadhar/tsconfig.spec.json (333 bytes)
CREATE FrontEnd-Aadhar/.vscode/extensions.json (130 bytes)
CREATE FrontEnd-Aadhar/.vscode/launch.json (474 bytes)
CREATE FrontEnd-Aadhar/.vscode/tasks.json (938 bytes)
CREATE FrontEnd-Aadhar/src/favicon.ico (948 bytes)
CREATE FrontEnd-Aadhar/src/index.html (300 bytes)
CREATE FrontEnd-Aadhar/src/polyfills.ts (304 bytes)
CREATE FrontEnd-Aadhar/src/polyfills.js (730 bytes)
CREATE FrontEnd-Aadhar/src/styles.css (80 bytes)
CREATE FrontEnd-Aadhar/src/test.ts (745 bytes)
CREATE FrontEnd-Aadhar/src/assets/.gitkeep (0 bytes)
CREATE FrontEnd-Aadhar/src/environments/environment.prod.ts (51 bytes)
CREATE FrontEnd-Aadhar/src/environments/environment.ts (658 bytes)
CREATE FrontEnd-Aadhar/src/app/app.module.ts (314 bytes)
CREATE FrontEnd-Aadhar/src/app/app.component.html (23332 bytes)
CREATE FrontEnd-Aadhar/src/app/app.component.spec.ts (983 bytes)
CREATE FrontEnd-Aadhar/src/app/app.component.ts (219 bytes)
UPDATE FrontEnd-Aadhar/src/app/app.component.css (0 bytes)

/ Packages installed successfully.

warning: in the working copy of '.browserlistrc', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.editorconfig', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/extensions.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/launch.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of '.vscode/tasks.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'README.md', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'angular.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'karma.conf.js', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package-lock.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'package.json', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/app/app.component.html', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/app/app.component.spec.ts', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/app/app.component.ts', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/app/app.module.css', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'src/app/app.module.ts', LF will be replaced by CRLF the next time Git touches it

nc nc

C:\javademo\angulardemos>cd FrontEnd-Aadhar

C:\javademo\angulardemos\FrontEnd-Aadhar>ng g c home --skipTests=true
CREATE src/app/home/home.component.html (19 bytes)
CREATE src/app/home/home.component.ts (267 bytes)
CREATE src/app/home/home.component.css (0 bytes)
UPDATE src/app/app.module.ts (388 bytes)

C:\javademo\angulardemos\FrontEnd-Aadhar>ng g c admin --skipTests=true
CREATE src/app/admin/admin.component.html (20 bytes)
CREATE src/app/admin/admin.component.ts (271 bytes)
CREATE src/app/admin/admin.component.css (0 bytes)
UPDATE src/app/app.module.ts (936 bytes)

C:\javademo\angulardemos\FrontEnd-Aadhar>ng g c user --skipTests=true
CREATE src/app/user/user.component.html (19 bytes)
CREATE src/app/user/user.component.ts (267 bytes)
CREATE src/app/user/user.component.css (0 bytes)
UPDATE src/app/app.module.ts (1010 bytes)

C:\javademo\angulardemos\FrontEnd-Aadhar>ng g c myaadhar --skipTests=true
CREATE src/app/myaadhar/myaadhar.component.html (23 bytes)
CREATE src/app/myaadhar/myaadhar.component.ts (283 bytes)
CREATE src/app/myaadhar/myaadhar.component.css (0 bytes)
UPDATE src/app/app.module.ts (1100 bytes)

C:\javademo\angulardemos\FrontEnd-Aadhar>ng g c duplicateaadhar --skipTests=true
CREATE src/app/duplicateaadhar/duplicateaadhar.component.html (30 bytes)
CREATE src/app/duplicateaadhar/duplicateaadhar.component.ts (311 bytes)
CREATE src/app/duplicateaadhar/duplicateaadhar.component.css (0 bytes)
UPDATE src/app/app.module.ts (1218 bytes)

C:\javademo\angulardemos\FrontEnd-Aadhar>ng serve
/ Browser application bundle generation complete.

Initial Chunk Files | Names | Raw Size
vendor.js | vendor | 3.36 MB |
polyfills.js | polyfills | 336.29 kB |
styles.css, styles.js | styles | 212.52 kB |
main.js | main | 72.00 kB |
runtime.js | runtime | 6.87 kB |

| Initial Total | 2.98 MB

Build at: 2022-10-13T07:18:25.529Z - Hash: 5872c583c7a9cb1a - Time: 9064ms
** Angular Live Development Server is listening on localhost:4200, open your browser on http://localhost:4200/ **

```

Angular Project:

(Only Few Screen Shots Are Added – Full Source code is added in another pdf)

The image shows two side-by-side instances of the Visual Studio Code code editor. Both instances have the title bar "FrontEnd-Aadhar [Administrator]" and the status bar "Ln 18, Col 1 Spaces: 2 UTF-8 LF (TypeScript) Go Live Prettier".

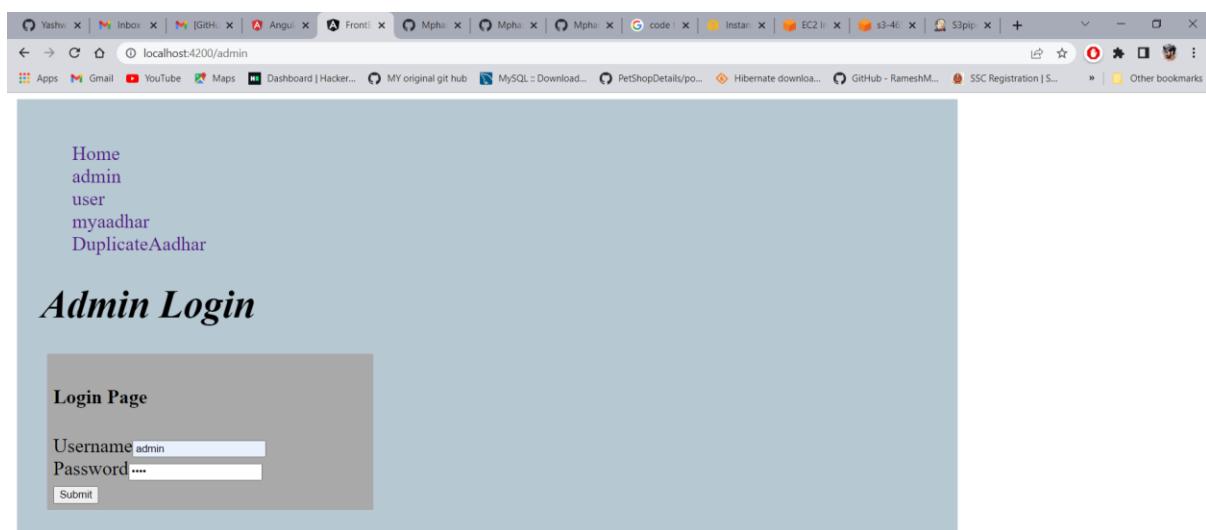
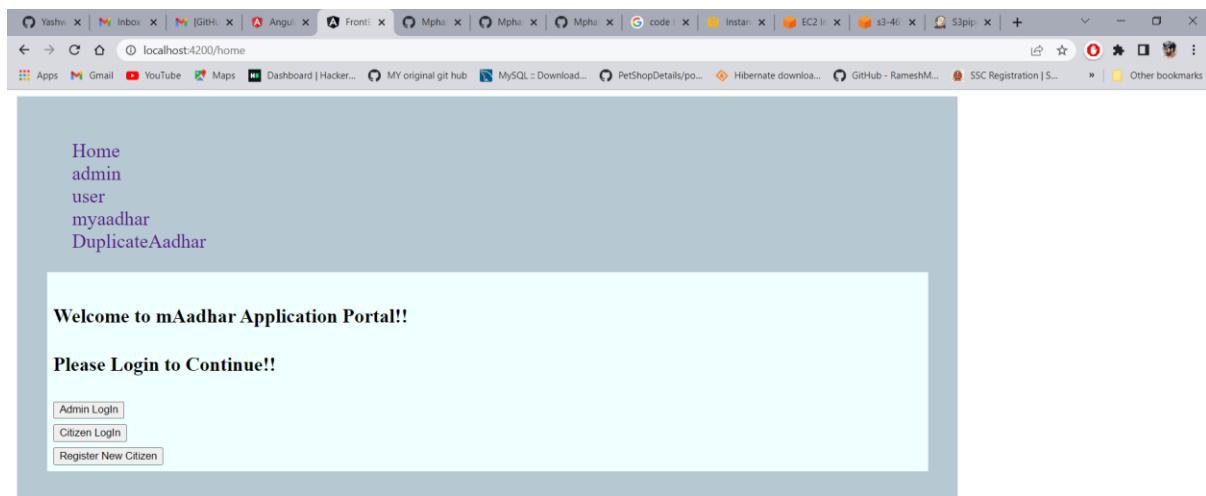
Top Window (environment.ts):

```
src > environments > TS environments > ...
1 // This file can be replaced during build by using the 'fileReplacements' array.
2 // 'ng build' replaces 'environment.ts' with 'environment.prod.ts'.
3 // The list of file replacements can be found in 'angular.json'.
4
5 export const environment = {
6   production: false,
7   apiBaseUrl: 'http://localhost:8081'
8 };
9
10 /*
11  * For easier debugging in development mode, you can import the following file
12  * to ignore zone related error stack frames such as 'zone.run', 'zoneDelegate.invokeTask'.
13  *
14  * This import should be commented out in production mode because it will have a negative impact
15  * on performance if an error is thrown.
16  */
17 // import 'zone.js/plugins/zone-error'; // Included with Angular CLI.
```

Bottom Window (app.module.ts):

```
src > app > TS app.module.ts M > ...
1 import { NgModule } from '@angular/core';
2 import { FormsModule, ReactiveFormsModule } from '@angular/forms';
3 import { BrowserModule } from '@angular/platform-browser';
4 import { RouterModule, Routes } from '@angular/router';
5 import { HttpClientModule } from '@angular/common/http';
6 import { AppService } from './myaadhar/myaadhar.service';
7 import { AppComponent } from './app.component';
8 import { HomeComponent } from './home/home.component';
9 import { AdminComponent } from './admin/admin.component';
10 import { UserComponent } from './user/user.component';
11 import { MyaadharComponent } from './myaadhar/myaadhar.component';
12 import { DuplicateaadharComponent } from './duplicateaadhar/duplicateaadhar.component';
13
14 const appRoutes: Routes = [
15   { path: 'home', component: HomeComponent },
16   { path: 'admin', component: AdminComponent },
17   { path: 'user', component: UserComponent },
18   { path: 'myaadhar', component: MyaadharComponent },
19   { path: 'myaadhar2', component: DuplicateaadharComponent }
20 ];
21
22 @NgModule({
23   declarations: [
24     AppComponent,
25     HomeComponent,
26     AdminComponent,
27     UserComponent,
28     MyaadharComponent,
29     DuplicateaadharComponent
30   ],
31   imports: [
32     BrowserModule,
33     HttpClientModule,
34     FormsModule
35   ]
36 })
37
```


OutPut:



Yashvi | Inbox | [Gith... | Angular | Front! | Mph... | Mph... | Mph... | code | Insta... | EC2 In... | s3-46 | S3pip | + | localhost:4200/user

Home
admin
user
myaadhar
DuplicateAadhar

Citizen Login

Login Page

Username
Enter Mobile number as Password
Password 123456789

Yashvi | Inbox | [Gith... | Angular | Front! | Mph... | Mph... | Mph... | code | Insta... | EC2 In... | s3-46 | S3pip | + | localhost:4200/myaadhar

Register Citizens

Narendra Modi

male

- DOB : 02-01-1947
- Address : 5-52 delhi-mumbai
- modi@pm.com
- Phone : 888888



localhost:4200/myaadhar

Home
admin
user
myaadhar
DuplicateAadhar

Admin Portal

AadharApplication

Search Citizen...

Register Citizens



Narendra Modi

New Citizen Register

Name Name

D.O.B dd-mm-yyyy

Email Address Email

Home Address Address

Gender Gender

Phone Phone

Image URL Image URL

Close Save changes

Edit Citizen

Name Name

Gender Gender

Email Address Email

D.O.B dd-mm-yyyy

Home Address Address

Phone Phone

Image URL Image URL

Close Save changes

Yashw x | M Gmail x | GitHub x | Angular x | Frontend x | Mphash x | Mphash x | Google code x | Instant x | EC2 Instances x | s3-4c x | S3 pipeline x | +

localhost:4200/myaadhar2

Apps Gmail YouTube Maps Dashboard | Hacker... MY original git hub MySQL - Download... PetShopDetails/po... Hibernate download... GitHub - RameshM... SSC Registration | S...

Home
admin
user
myaadhar
DuplicateAadhar

Citizen's Portal

AadharApplication

- New Citizen Register (current)

Enter your Name:

Register Citizens



Name: Narendra Modi

D.O.B: dd-mm-yyyy

Email Address: modi@pm.com

Home Address: 552 delhi-mumbai

Gender: male

Phone: 888888

Image URL: https://freepngimg.com/thumb/

Edit Citizen Narendra Modi



Name: Narendra Modi

Gender: male

Email Address: modi@pm.com

D.O.B: dd-mm-yyyy

Home Address: 552 delhi-mumbai

Phone: 888888

Image URL: https://freepngimg.com/thumb/

localhost:4200/myaadhar

Edit Citizen

Name:

Gender:

Email Address:

D.O.B:

Home Address:

Phone:

Image URL:

Delete Citizen

Are you sure you want to delete Narendra Modi?

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Schemas

- academy
- beakstos
- myaadhar**
 - myaadhar
 - Views
 - Stored Procedures
 - Functions
- myapp
- mydb
- myfeedback
- myfeedbackname
- myproduct
- myquizeportal
- quizportal
- sakila
- sys
- trail
- world

Administration Schemas

Information

Schema: myaadhar

myaadhar 2

Action Output

#	Time	Action	Message	Duration / Fetch
25	23:03:54	select * from myaadhar.myaadhar LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec
26	23:27:33	select * from myaadhar.myaadhar LIMIT 0, 1000	2 row(s) returned	0.015 sec / 0.000 sec

Testing: (In Eclipse)

The screenshot displays two Eclipse IDE windows side-by-side.

Top Window (POM.XML):

```
<project>
    <modelVersion>4.0.0</modelVersion>
    <groupId>AutomationTesting-m_aadhar</groupId>
    <artifactId>AutomationTesting-m_aadhar</artifactId>
    <version>0.0.1-SNAPSHOT</version>
    <build>
        <sourceDirectory>src</sourceDirectory>
        <plugins>
            <plugin>
                <artifactId>maven-compiler-plugin</artifactId>
                <version>3.8.1</version>
                <configuration>
                    <release>17</release>
                </configuration>
            </plugin>
            <plugin>
                <groupId>org.apache.maven.plugins</groupId>
                <artifactId>maven-surefire-plugin</artifactId>
                <version>3.0.0-M5</version>
            </plugin>
        </plugins>
    </build>
    <dependencies>
        <dependency>
            <groupId>org.testng</groupId>
            <artifactId>testng</artifactId>
            <version>7.5</version>
        </dependency>
        <dependency>
            <groupId>org.seleniumhq.selenium</groupId>
            <artifactId>selenium-java</artifactId>
            <version>4.1.2</version>
        </dependency>
    </dependencies>
</project>
```

Bottom Window (Java Code):

```
1 package com.testing;
2
3 import java.util.concurrent.TimeUnit;
4
5 public class TestRegistration {
6     WebDriver webdriver = null;
7     String URL = "http://localhost:4200/home";
8
9     // By Full xpath testing(Relative Testing)
10
11     @Test
12     public void registration() {
13         System.setProperty("webdriver.chrome.driver", "C:\\chromedriver\\win32\\chromedriver.exe");
14
15         webdriver = new ChromeDriver();
16         webdriver.get(URL);
17         webdriver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);
18
19         webdriver.findElement(By.xpath("//button[normalize-space()='Register New Citizen']")).click();
20         webdriver.findElement(By.xpath("//ul[@class='nav-bar-nav mr-auto']//a[@class='nav-link']")).click();
21         webdriver.findElement(By.xpath("//form[@class='ng-untouched ng-pristine ng-invalid']//input[@id='fullname']"))
22             .sendKeys("Testing Name@max");
23         webdriver.findElement(By.xpath("//input[@id='dob']"))[1]).sendKeys("02/01/2001");
24         webdriver.findElement(By.xpath("//input[@id='email']"))[1]).sendKeys("max@Testing.com");
25         webdriver.findElement(By.xpath("//input[@id='address']"))[1]).sendKeys("1234567890,UK");
26         webdriver.findElement(By.xpath("//input[@id='gender']"))[1]).sendKeys("Male");
27         webdriver.findElement(By.xpath("//input[@id='phone']"))[1]).sendKeys("1234567777");
28         webdriver.findElement(By.xpath("//input[@id='imageurl']"))[1]).sendKeys("https://static.vecteezy.com/system/resources/thumbnails/000/464/891/small/bussman1-15.jpg");
29         webdriver.findElement(By.xpath("//button[@type='submit']")).click();
30         System.out.println("Registration Tested Successfully");
31     }
32 }
```

testingdemos - AutomationTesting-m_aadhar/src/com/testing/TestRegistration.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Problems Declaration Console Progress Results of running class TestRegistration

[TestNG] detected TestNG version 7.5.0

SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".

SLF4J: Defaulting to no-operation (NOP) logger implementation.

SLF4J: See <http://www.slf4j.org/codes.html#StaticLoggerBinder> for further details.

Starting ChromeDriver: 105.0.5195.52 (412c95e5188330d8a70972506d62b29c2ae6a26a85-refs/branch-heads/5195@{#853}) on port 50568

Only local connections are allowed.

Please see <https://chromedriver.chromium.org/security-considerations> for suggestions on keeping ChromeDriver safe.

ChromeDriver was started successfully.

[1665684146,669][WARNING]: This version of ChromeDriver has not been tested with Chrome version 106.

Oct 13, 2022 11:32:27 PM org.openqa.selenium.remote.ProtocolHandshake createSession

INFO: Detected dialect: W3C

Oct 13, 2022 11:32:27 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch

WARNING: Unable to find an exact match for CDP version 106, so returning the closest version found: a no-op implementation

Oct 13, 2022 11:32:27 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch

INFO: Unable to find CDP implementation matching 106.

Oct 13, 2022 11:32:27 PM org.openqa.selenium.ChromiumDriver lambda\$new\$3

WARNING: Unable to find version of CDP to use for . You may need to include a dependency on a specific version of the CDP using something similar to 'org.seleniumhq.selenium:selenium-devtools-v86:4.1.2' when

Registration Tested Succesfully

PASSED: registration

```
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
```

```
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

FrontEndAadhar

localhost:4200/myaadhar2

Chrome is being controlled by automated test software.

Phone : 777777

[Edit](#) [Delete](#)



Testing Name@max

Male

- DOB : 2201-01-02
- Address : 1-12,dallas,uk
- max@Testing.com
- Phone : 123456777

[Edit](#) [Delete](#)

New Citizen Register

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

- Filter objects
- academy
- bookstore
- myaadhar**
- Tables
- myaadhar
- Views
- Stored Procedures
- Functions
- myapp
- mydb
- myfeedback
- myhibernate
- myproduct
- myquizportal
- quizportal
- sakila
- sys
- trail
- world

SQL File 17* SQL File 17* SQL File 11* SQL File 12* SQL File 14* SQL File 13* sadhar - Schema myaadhar - Schema SQL File 16* SQL File 17* SQL Additions

1 • use myaadhar;

2 • select * from myaadhar.myaadhar;

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: [] Edit: [] Export/Import: [] Wrap Cell Content: []

ID	Address	Date of Birth	Email	Full Name	Gender	Image URL	Phone
3	5-52 delhi-mumbai	02-01-1947	modi@pm.com	Narendra Modi	male	https://freepngimg.com/thumb/harendra_modi... 888888	888888
2	9-98 gurgaon-pak	2022-10-13	amit@shah.com	Amit	male	https://ytimg.com/vjEorkybbf/m/default.jpg 777777	777777
11	1-12,dallas,uk	2201-01-02	max@Testing.com	Testing Name@max	Male	https://static.veeteezy.com/system/resources/... 123456777	123456777
*							

Result Grid Form Editor Field Types

myaadhar 7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	23:34:42	select * from myaadhar.myaadhar LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
31	23:35:24	select * from myaadhar.myaadhar LIMIT 0, 1000	3 row(s) returned	0.000 sec / 0.000 sec

Apply Revert Context Help Snippets

--Successfully Tested

- Deploy The Application In EC2:

Spring Boot Project in STS

- After creating the Project :

➤ Maven Clean

➤ Maven Install

➤ Maven Update

- After this we find the SNAPSHOT.jar in Target folder.

```
1 package com.project;
2
3* import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class ProjectApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(ProjectApplication.class, args);
10    }
11 }
12
13 }
```

```
[INFO] Scanning for projects...
[INFO] ------------------------------------------------------------------------
[INFO] Building project 0.0.1-SNAPSHOT
[INFO] ------------------------------------------------------------------------
[INFO] --- maven-clean-plugin:3.2.0:clean (default-clean) @ project ---
[INFO] Deleting C:\javademo\Capstone-file\project\target
[INFO] ------------------------------------------------------------------------
[INFO] BUILD SUCCESS
[INFO] ------------------------------------------------------------------------
[INFO] Total time: 0.480 s
[INFO] Finished at: 2022-10-13T21:03:32+05:30
[INFO] ------------------------------------------------------------------------
[WARNING] The requested profile "pom.xml" could not be activated because it does not exist.
```

Capstone-file - project/src/main/java/com/project/ProjectApplication.java - Spring Tool Suite 4

```
1 package com.project;
2
3 import org.springframework.boot.SpringApplication;
4
5 @SpringBootApplication
6 public class ProjectApplication {
7
8     public static void main(String[] args) {
9         SpringApplication.run(ProjectApplication.class, args);
10    }
11
12 }
13
14
```

Package Explorer X [Capstone-file main]

- src/main/java
 - com.project
 - ProjectApplication.java
 - AppController.java
 - MyAadhar.java
 - MyAadharEntity
 - MyAadharException
 - UserNotFoundException
 - MyAadharRepository
 - MyAadharService
 - application.properties
 - src/test/java
 - JRE System Library [JavaSE-17]
 - Maven Dependencies
 - target/generated-sources/annotations
 - target/generated-test-sources/test-annotations
 - src
 - target
 - HELP.md

Boot Dashboard X

Type tags, projects, or working set names to match (incl. * and ? wildcards)

local

application.properties

ProjectApplication.java

AppController.java

MyAadhar.java

MyAadharEntity

MyAadharException

UserNotFoundException

MyAadharRepository

MyAadharService

AadharService.java

application.properties

src/test/java

JRE System Library [JavaSE-17]

Maven Dependencies

target/generated-sources/annotations

target/generated-test-sources/test-annotations

src

target

HELP.md

Outline X

com.project

ProjectApplication

main(String[])

Problems X JavaDoc Declaration Console X

<terminated> C:\eclipse\Workspace\content\sts-4.15.3.RELEASE\plugins\org.eclipse.jst\openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (13-Oct-2022, 9:04:07 pm) [pid: 3216]

[INFO] --- maven-jar-plugin:3.2.2:jar (@project) ---

[INFO] Building jar: C:\javadev0\Capstone-file\project\target\project-0.0.1-SNAPSHOT.jar

[INFO] --- spring-boot-maven-plugin:2.7.4:repackage (repackage) @ project ---

[INFO] Replacing main artifact with repackaged archive

[INFO] --- maven-install-plugin:2.5.2:install (@project) ---

[INFO] Installing C:\javadev0\Capstone-file\project\target\project-0.0.1-SNAPSHOT.jar to C:\Users\yashwath\.m2\repository\com\example\project\0.0.1-SNAPSHOT\project-0.0.1-SNAPSHOT.jar

[INFO] Installing C:\javadev0\Capstone-file\project\pom.xml to C:\Users\yashwath\.m2\repository\com\example\project\0.0.1-SNAPSHOT\project-0.0.1-SNAPSHOT.pom

[INFO] -----

[INFO] BUILD SUCCESS

[INFO] -----

[INFO] Total time: 17.880 s

[INFO] Finished at: 2022-10-13T21:04:26+05:30

[INFO] -----

[WARNING] The requested profile "pom.xml" could not be activated because it does not exist.

Now Create an EC2 Instance With User Data In it.

The image consists of three vertically stacked screenshots of the AWS EC2 'Launch an instance' wizard, showing the process of creating a new EC2 instance.

Screenshot 1: Name and tags

In this step, you can provide a name for your instance and add tags. The 'Name' field contains 'CapstoneDemo'. The 'Add additional tags' button is visible.

Screenshot 2: Application and OS Images (Amazon Machine Image)

This step allows you to select an Amazon Machine Image (AMI). A search bar is present at the top. The results show various AMIs, with 'Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type' selected. It shows details like AMI ID (ami-026b57f3c383c2eec), architecture (64-bit (x86)), and provider status (Verified provider).

Screenshot 3: Summary

The summary step displays the configuration details. It includes:

- Number of instances:** 1
- Software Image (AMI):** Amazon Linux 2 Kernel 5.10 AMI... (read more)
- Virtual server type (instance type):** t2.micro
- Firewall (security group):** New security group
- Storage (volumes):** 1 volume(s) - 8 GiB

A note indicates a **Free tier: In your first year includes 750**. The 'Launch Instance' button is prominently displayed.

Screenshot of the AWS EC2 console showing the creation of a new key pair and the launch of an instance.

Create Key Pair

Key pair name: NewKeyPair

Key pair type: RSA

Private key file format: .pem

Instances (1/1) Info

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
CapstoneDemo	i-03be299ce3b7fcf5a	Running	t2.micro	2/2 checks passed	No alarms	us-east-1a	ec2-18-204-18-30.compute-1.amazonaws.com

Instance: i-03be299ce3b7fcf5a (CapstoneDemo)

Public IPv4 address copied: 18.204.18.30 | open address

Private IPv4 addresses: 172.31.90.152

Public IPv4 DNS: ec2-18-204-18-30.compute-1.amazonaws.com | open address

Add The Port -8080 to Security Groups.

The screenshot shows the AWS Management Console with the URL <https://us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-015c12bd677b0e2ae>. The page title is "Edit inbound rules".

The "Inbound rules" section lists three rules:

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-055b405591b82eee9	SSH	TCP	22	Custom	0.0.0.0/0
sgr-0b9d6c8e40e1d4b43	HTTP	TCP	80	Custom	0.0.0.0/0
-	Custom TCP	TCP	8080	Anywh...	0.0.0.0/0

At the bottom right of the table are "Cancel", "Preview changes", and a highlighted "Save rules" button.

Create A New Role for the EC2 instance.

- Created a role to read S3 Objects.

Introducing the new IAM roles experience
We've redesigned the IAM roles experience to make it easier to use. Let us know what you think.

IAM > Roles > Create role

Step 1 Select trusted entity

Step 2 Add permissions

Step 3 Name, review, and create

Select trusted entity Info

Trusted entity type

AWS service Allow AWS services like EC2, Lambda, or others to perform actions in this account.

AWS account Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.

Web identity Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.

SAML 2.0 federation Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.

Custom trust policy Create a custom trust policy to enable others to perform actions in this account.

Use case

Allow an AWS service like EC2, Lambda, or others to perform actions in this account.

Common use cases

EC2 Allow EC2 instances to call AWS endpoints on your behalf.

Feedback Looking for language selection? Find it in the new [Unified Settings](#).

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NewKeyPair (1).ppk | FrontEnd-Aadhar.rar | modi.jpg

IAM > Roles > Create role

Step 1 Select trusted entity

Step 2 Add permissions

Step 3 Name, review, and create

Add permissions Info

Permissions policies (Selected 1/770) Info

Choose one or more policies to attach to your new role.

Filter policies by property or policy name and press enter.

s3read

Policy name

Type

 AmazonS3Readonly... AWS m... Provides read only access to all buckets via the AWS Management Console.

Set permissions boundary - optional Info

Set a permissions boundary to control the maximum permissions this role can have. This is not a common setting, but you can use it to delegate permission management to others.

Cancel Previous Next

Feedback Looking for language selection? Find it in the new [Unified Settings](#).

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NewKeyPair (1).ppk | FrontEnd-Aadhar.rar | modi.jpg

Now add the Role To the instance.

The screenshot shows the 'Modify IAM role' page in the AWS Management Console. The 'Instance ID' dropdown is set to 'i-03be299ce3b7fcf5a (CapstoneDemo)'. The 'IAM role' dropdown contains 'S3readobjectrole'. At the bottom are 'Cancel' and 'Update IAM role' buttons.

Create a S3 Bucket and add the SNAPSHOT.jar into the Bucket.

The screenshot shows the 'Create bucket' page in the AWS Management Console. The 'Bucket name' field is 's3-465bucket'. The 'AWS Region' is 'US East (N. Virginia) us-east-1'. The 'Object Ownership' section notes that object ownership determines who can specify access to objects. At the bottom are 'Feedback' and 'Provide feedback' buttons.

The screenshot shows the AWS S3 console interface. On the left, a sidebar titled 'Amazon S3' lists various options like Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, and Access analyzer for S3. Below this is a section for 'Block Public Access settings for this account'. Under 'Storage Lens', there are links for Dashboards and AWS Organizations settings. A 'Feature spotlight' section is also present. The main content area shows a breadcrumb path: Amazon S3 > Buckets > s3-465bucket. The title of the current page is 's3-465bucket' with a 'Info' link. Below the title, there are tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. The 'Objects' tab is selected, displaying a table with one item: 'project-0.0.1-SNAPSHOT.jar'. The table includes columns for Name, Type, Last modified, Size, and Storage class. At the top of the objects list, there are several buttons: Copy S3 URI, Copy URL, Download, Open, Delete, Actions, Create folder, and Upload. A search bar labeled 'Find objects by prefix' is also visible. The bottom right corner of the main content area contains copyright information: '© 2022, Amazon Web Services, Inc. or its affiliates.' and links for Privacy, Terms, and Cookie preferences.

Now Run the jar File from Bucket through EC2.

AWS Services Search for services, features, blogs, docs, and more [Alt+S]

```
invalid choice: 'configure', maybe you meant:
 * configure
[ec2-user@ip-172-31-90-152 ~]$ aws configure list
Name          Value      Type  Location
----          ----      ---   -----
profile       <not set>    None  None
access_key    *****/173T    iam-role
secret_key    *****/x2Xe    iam-role
region        <not set>    None  None
[ec2-user@ip-172-31-90-152 ~]$ cp s3 cp s3://s3-465bucket/project-0.0.1-SNAPSHOT.jar
Note: AWS CLI version 2, the latest major version of the AWS CLI, is now stable and recommended for general use. For more information, see the AWS CLI version 2 installation instructions at: https://docs.aws.amazon.com/cli/latest/userguide/install-cliv2.html
usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:
aws help
aws <command> help
aws <command> <subcommand> help
aws: error: too few arguments
[ec2-user@ip-172-31-90-152 ~]$ aws s3 cp s3://s3-465bucket/project-0.0.1-SNAPSHOT.jar app.jar
download: s3://s3-465bucket/project-0.0.1-SNAPSHOT.jar to ./app.jar
[ec2-user@ip-172-31-90-152 ~]$
```

i-03be299ce3b7fcf5a (CapstoneDemo)

PublicIPs: 18.204.18.30 PrivateIPs: 172.31.90.152

Feedback Looking for language selection? Find it in the new Unified Settings [?] © 2022, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

NewKeyPair (1).ppk FrontEnd-Aadhar.rar modi.jpg

AWS Services Search for services, features, blogs, docs, and more [Alt+S]

```
aws <command> help
aws <command> <subcommand> help
aws: error: too few arguments
[ec2-user@ip-172-31-90-152 ~]$ aws s3 cp s3://s3-465bucket/project-0.0.1-SNAPSHOT.jar app.jar
download: s3://s3-465bucket/project-0.0.1-SNAPSHOT.jar to ./app.jar
[ec2-user@ip-172-31-90-152 ~]$ java -jar app.jar
```

Spring Boot ::

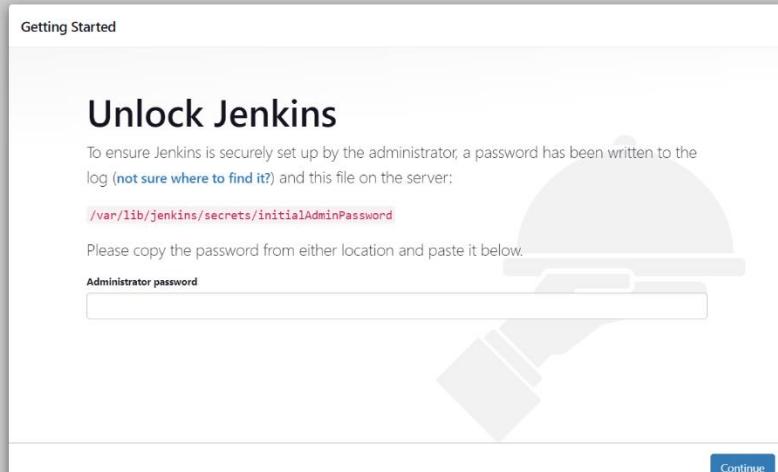
```
2022-10-13 16:54:59.502 INFO 6727 --- [           main] com.project.ProjectApplication      : Starting ProjectApplication v0.0.1-SNAPSHOT using Java 17.0.4.1 on ip-172-31-90-152.ec2.internal with PID 6727 (/home/ec2-user/app.jar started by ec2-user in /home/ec2-user)
2022-10-13 16:54:59.510 INFO 6727 --- [           main] com.project.ProjectApplication      : No active profile set, falling back to 1 default profile: "default"
2022-10-13 16:55:05.747 INFO 6727 --- [           main] o.h.hibernate.jpa.internal.util.LogHelper : HHH000204: Processing PersistenceUnitInfo [name: default]
2022-10-13 16:55:05.886 INFO 6727 --- [           main] org.hibernate.Version                : HHH000412: Hibernate ORM core version 5.6.11.Final
2022-10-13 16:55:06.285 INFO 6727 --- [           main] org.hibernate.annotations.common.Version : HCANN000001: Hibernate Commons Annotations (5.1.2.Final)
2022-10-13 16:55:06.595 INFO 6727 --- [           main] com.zaxxer.hikari.HikariDataSource  : HikariPool-1 - Starting...
2022-10-13 16:55:07.641 ERROR 6727 --- [           main] com.zaxxer.hikari.pool.HikariPool   : HikariPool-1 - Exception during pool initialization.
```

i-03be299ce3b7fcf5a (CapstoneDemo)

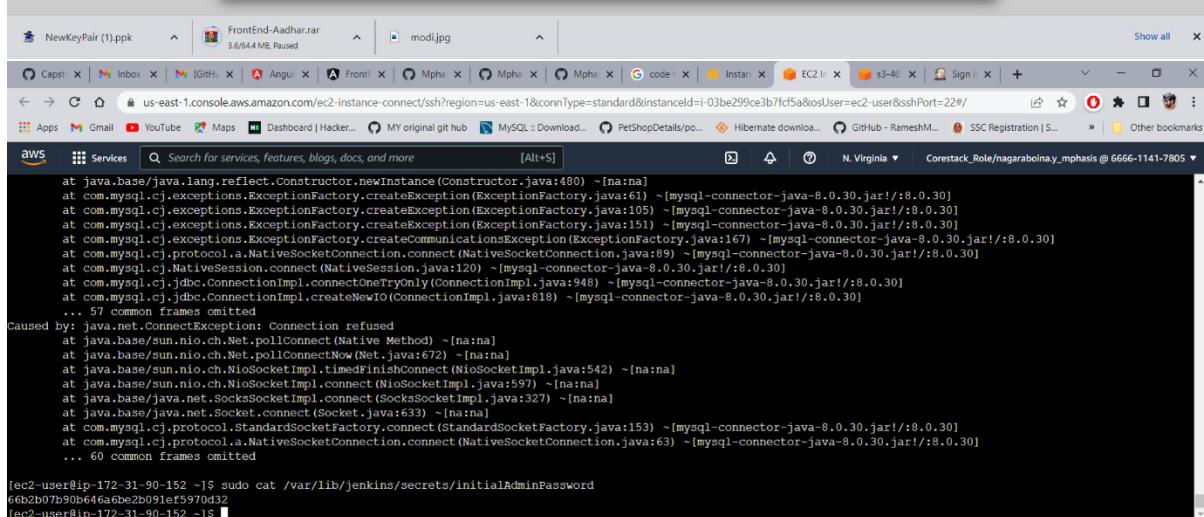
PublicIPs: 18.204.18.30 PrivateIPs: 172.31.90.152



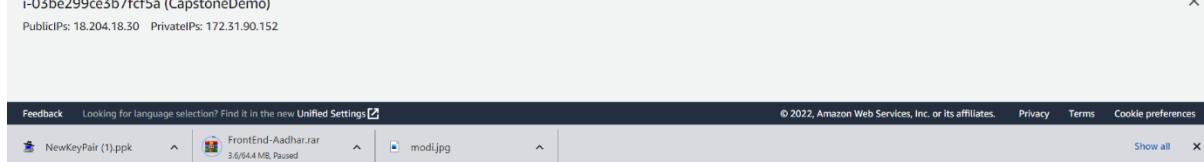
• Configuring CI/CD through Jenkins



The screenshot shows a browser window with the Jenkins 'Unlock Jenkins' configuration page. The page title is 'Getting Started' and the main heading is 'Unlock Jenkins'. It instructs the user to ensure Jenkins is securely set up by the administrator, mentioning a password has been written to the log ('not sure where to find it?') and this file on the server: `/var/lib/jenkins/secrets/initialAdminPassword`. Below this, it says to 'Please copy the password from either location and paste it below.' There is a text input field labeled 'Administrator password' and a 'Continue' button.



A terminal window is shown displaying a Java stack trace. The error message 'Caused by: java.net.ConnectException: Connection refused' is followed by a long list of method names from classes like `java.base/java.lang.reflect.Constructor.newInstance`, `com.mysql.cj.exceptions.ExceptionFactory.createException`, and `com.mysql.cj.NativeSession.connect`. The terminal also shows the command used to extract the password: `i-03be299ce3b7fcf5a$ cat /var/lib/jenkins/secrets/initialAdminPassword`.



A screenshot of the AWS CloudWatch Metrics interface. It shows a search bar with 'Search for services, features, blogs, docs, and more [Alt+S]', a service list with 'AWS Services', and a detailed view of metrics for an instance with the ID `i-03be299ce3b7fcf5a`. The role associated with the instance is listed as `Corestack_Role/nagaraboinay_mphasis @ 6666-1141-7805`.

Getting Started

Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:

```
/var/lib/jenkins/secrets/initialAdminPassword
```

Please copy the password from either location and paste it below.

Administrator password

.....

Continue

NewKeyPair (1).ppk

FrontEnd-Aadhar.rar

modi.jpg

Getting Started

Getting Started

Jenkins 2.361.2

Folders

- ✓ Timestamper
- ✓ Pipeline
- ✓ Git
- ✓ LDAP

✓ OWASP Markup Formatter

Build Timeout

Credentials Binding

Ant

Gradle

Github Branch Source

Pipeline: GitHub Groovy Libraries

SSH Build Agents

Email Extension

Matrix Authorization Strategy

Mailer

Pipeline: Stage View

PAM Authentication

OWASP Markup Formatter

- JavaBeans Activation Framework (JAF) API
- JavaMail API
- beanshell API
- PostConstruct
- Mina SSHD API :: Common
- Mina SSHD API :: Core
- SSH server
- Structs
- Token Macro

** - required dependency

Show all

Getting Started

Create First Admin User

Username:

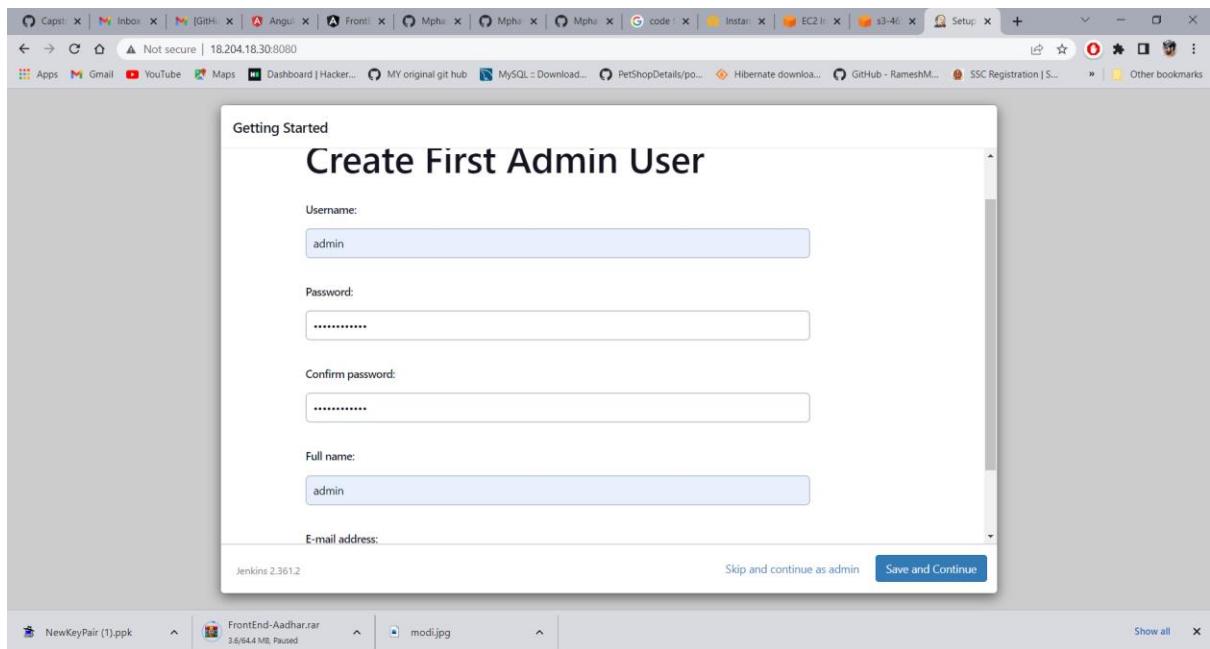
Password:

Confirm password:

Full name:

E-mail address:

[Skip and continue as admin](#) [Save and Continue](#)



Jenkins

Dashboard > All >

Enter an item name

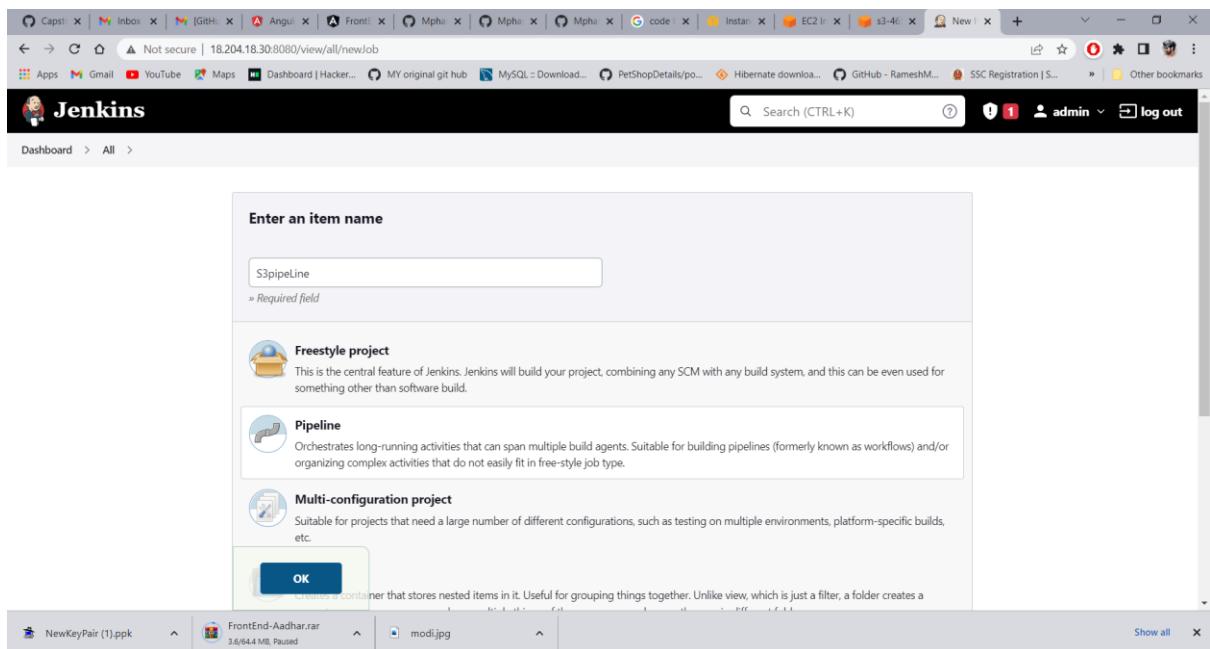
S3pipeline > Required field

Freestyle project  This is the central feature of Jenkins. Jenkins will build your project, combining any SCM with any build system, and this can be even used for something other than software build.

Pipeline  Orchestrates long-running activities that can span multiple build agents. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

Multi-configuration project  Suitable for projects that need a large number of different configurations, such as testing on multiple environments, platform-specific builds, etc.

OK Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a



Screenshot of Jenkins Pipeline configuration screen:

The screenshot shows the Jenkins interface for configuring a pipeline named "S3pipeLine".

General Tab:

- Description: pipeline project
- Enabled: Yes (checkbox checked)
- Discard old builds: No (checkbox unchecked)
- Do not allow concurrent builds: No (checkbox unchecked)
- Do not allow the pipeline to resume if the controller restarts: No (checkbox unchecked)
- GitHub project: Yes (checkbox checked)
- Project url: https://github.com/YashwanthNagaraboina465/Capstone-aadhar.git

Pipeline Tab:

SCM configuration:

- SCM: Git
- Repository URL: https://github.com/YashwanthNagaraboina465/Capstone-aadhar.git
- Credentials: - none -
- Advanced...

Buttons at the bottom: Save, Apply.

- **Installing &Adding Docker**

- Source code is added in another pdf
 - My git:
<https://github.com/YashwanthNagaraboina465/Capstone-aadhar.git>