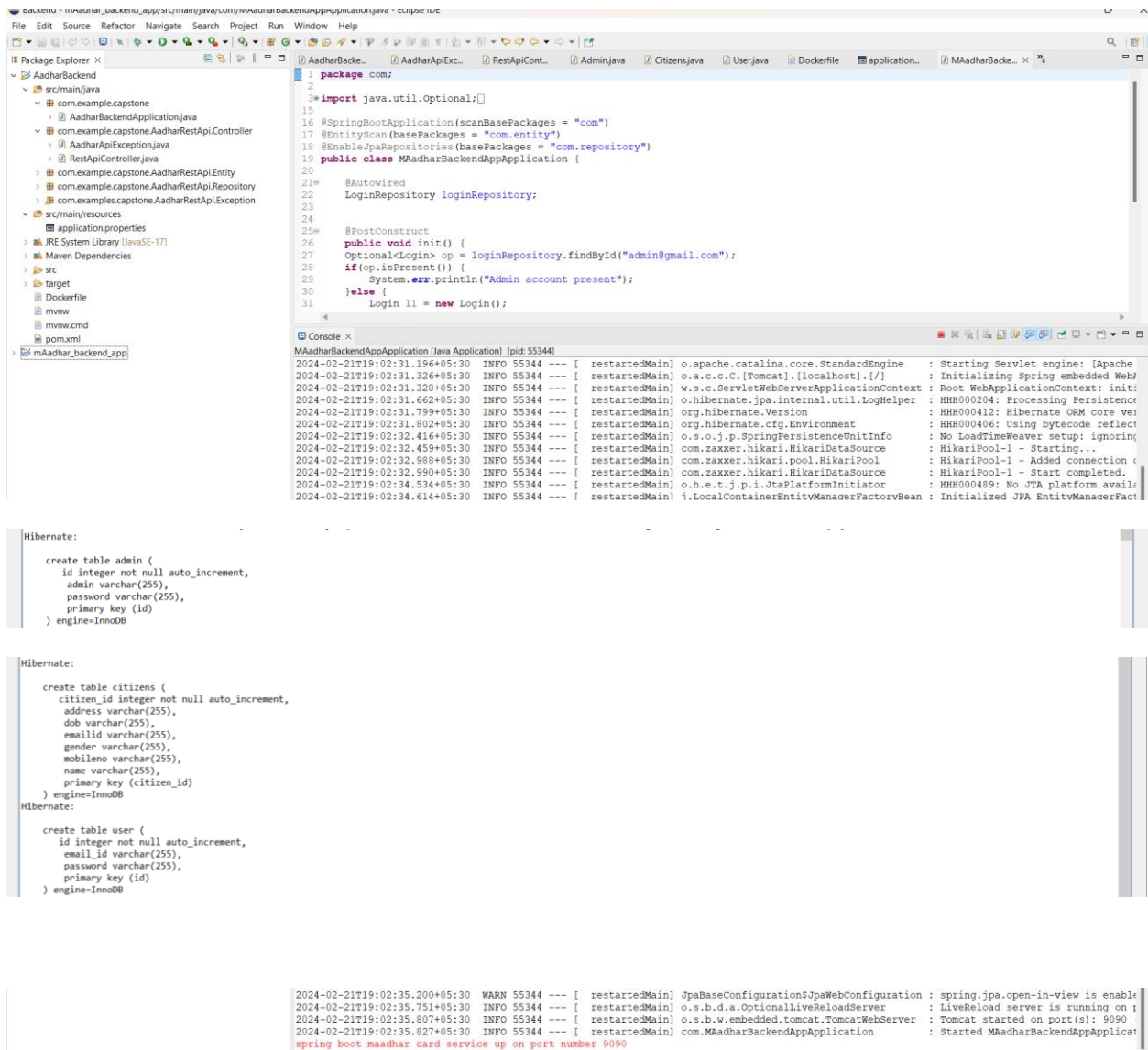


mAadhar Application Source Output:



The screenshot displays an IDE with the following components:

- Package Explorer:** Shows the project structure for 'mAadhar_backend_app'. It includes a 'src/main/java' directory with packages 'com.example.capstone' and 'com.example.capstone.AadharRestApi'. The 'com.example.capstone.AadharRestApi' package contains 'AadharException.java', 'RestApiController.java', 'AadharRestApiEntity.java', 'AadharRestApiRepository.java', and 'AadharRestApiException.java'. There is also a 'src/main/resources' directory with 'application.properties'.
- Source Editor:** Displays the code for 'MAdharBackendAppApplication.java'. The code is as follows:

```
1 package com;
2
3 import java.util.Optional;
4
5 @SpringBootApplication(scanBasePackages = "com")
6 @EntityScan(basePackages = "com.entity")
7 @EnableJpaRepositories(basePackages = "com.repository")
8 public class MAdharBackendAppApplication {
9
10     @Autowired
11     LoginRepository loginRepository;
12
13     @PostConstruct
14     public void init() {
15         Optional<Login> op = loginRepository.findById("admin@gmail.com");
16         if (op.isPresent()) {
17             System.out.println("Admin account present");
18         } else {
19             Login l1 = new Login();
20         }
21     }
22 }
```
- Console:** Shows the application's startup logs. The logs indicate that the application is running on port 9090 and that the database tables have been created. The logs are as follows:

```
2024-02-21T19:02:31.196+05:30 INFO 55344 --- [ restartedMain] o.apache.catalina.core.StandardEngine : Starting Servlet engine: [Apache
2024-02-21T19:02:31.326+05:30 INFO 55344 --- [ restartedMain] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring embedded Web/
2024-02-21T19:02:31.328+05:30 INFO 55344 --- [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplicationContext: init;
2024-02-21T19:02:31.662+05:30 INFO 55344 --- [ restartedMain] o.hibernate.jpa.internal.util.LogHelper : HH0000204: Processing Persistence
2024-02-21T19:02:31.799+05:30 INFO 55344 --- [ restartedMain] org.hibernate.Version : HH0000412: Hibernate ORM core ver
2024-02-21T19:02:31.802+05:30 INFO 55344 --- [ restartedMain] org.hibernate.cfg.Environment : HH0000406: Using bytecode reflect
2024-02-21T19:02:32.416+05:30 INFO 55344 --- [ restartedMain] o.s.o.j.p.SpringPersistenceUnitInfo : No LoadTimeWeaver setup: ignoring
2024-02-21T19:02:32.459+05:30 INFO 55344 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Starting...
2024-02-21T19:02:32.980+05:30 INFO 55344 --- [ restartedMain] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Added connection
2024-02-21T19:02:32.990+05:30 INFO 55344 --- [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Start completed.
2024-02-21T19:02:34.534+05:30 INFO 55344 --- [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HH0000489: No JTA platform availa
2024-02-21T19:02:34.614+05:30 INFO 55344 --- [ restartedMain] i.LocalContainerEntityManagerFactoryBean : Initialized JPA EntityManagerFact

Hibernate:
create table admin (
  id integer not null auto_increment,
  admin varchar(255),
  password varchar(255),
  primary key (id)
) engine=InnoDB

Hibernate:
create table citizens (
  citizen_id integer not null auto_increment,
  address varchar(255),
  dob varchar(255),
  emailid varchar(255),
  gender varchar(255),
  mobileno varchar(255),
  name varchar(255),
  primary key (citizen_id)
) engine=InnoDB

Hibernate:
create table user (
  id integer not null auto_increment,
  email_id varchar(255),
  password varchar(255),
  primary key (id)
) engine=InnoDB

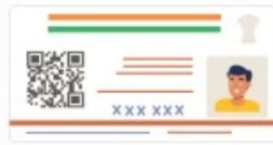
2024-02-21T19:02:35.200+05:30 WARN 55344 --- [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-view is enable
2024-02-21T19:02:35.751+05:30 INFO 55344 --- [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server is running on
2024-02-21T19:02:35.807+05:30 INFO 55344 --- [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on port(s): 9090
2024-02-21T19:02:35.827+05:30 INFO 55344 --- [ restartedMain] com.MAdharBackendAppApplication : Started MAdharBackendAppApplicat
spring boot maadhar card service up on port number 9090
```

AADHAR APPLICATION

New User? [Register Here](#)

[Citizen Login](#)

[Admin Login](#)



Registration Page

[Home](#)

Name

sankar

Date Of Birth

21/05/2001

Email

sankar@gmail.com

Address

DoruvuBazar, Kanigiri.

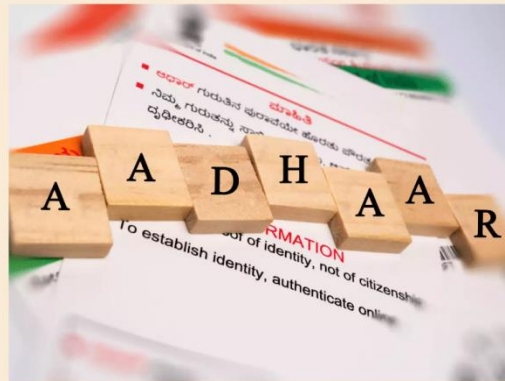
Mobile No:

7093271250

Gender

male

[Register](#)



Home

localhost:4200 says
Registered Successfully!!
OK

Name
sankar

Date Of Birth
21/05/2001

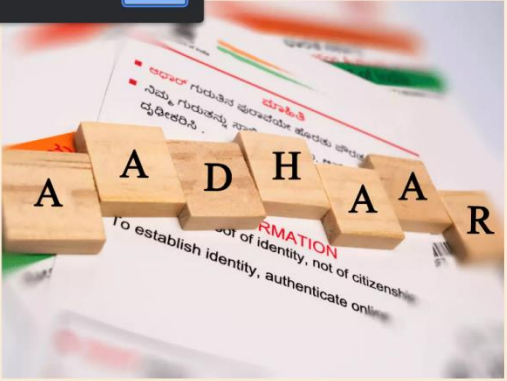
Email
sankar@gmail.com

Address
DoruvuBazar, Kanigiri.

Mobile No:
7093271250

Gender
male

Register




Citizen Login


localhost:4200 says
Login Success,Click Ok to continue!!
OK

AadharId
4

Password
Your mobile number is your password

Login



Aadhar id: 2	
Name : ss	
Date Of Birth: 21/02/2001	
Email: ss@gmail.com	
Address: ss nagar	
Mobile No: 8096956409	
Gender: female	
<input type="button" value="Update"/> <input type="button" value="Logout"/>	
Aadhar id: 4	
Name : sankar	
Date Of Birth: 21/05/2001	
Email: sankar@gmail.com	
Address: DoruvuBazar, Kanigiri.	
Mobile No: 7093271250	
Gender: male	
<input type="button" value="Update"/> <input type="button" value="Logout"/>	

Admin Login

Admin name

admin

Password

Please enter a valid password


Upper case required

Login

localhost:4200 says

Login Success,Click Ok to continue!!

OK



Aadhar id: 2
Name : ss
Date Of Birth: 21/02/2001
Email: ss@gmail.com
Address: ss nagar
Mobile No: 8096956409
Gender: female
Delete
Aadhar id: 4
Name : sankar
Date Of Birth: 21/05/2001
Email: sankar@gmail.com
Address: DoruvuBazar, Kanigiri.
Mobile No: 7093271250
Gender: male
Delete

AADHAR APPLICATION

[View All](#)

Aadhar id: 2

Name : ss

Date Of Birth: 21/02/2001

Email: ss@gmail.com

Address: ss nagar

Mobile No: 8096956409

Gender: female

[Delete](#)

AADHAAR

- Status
- Changes
- Workspace
- Build Now
- Configure
- Delete Maven project
- Modules
- Rename

Build History trend

Filter builds...

Maven project mAadhaar

Add description

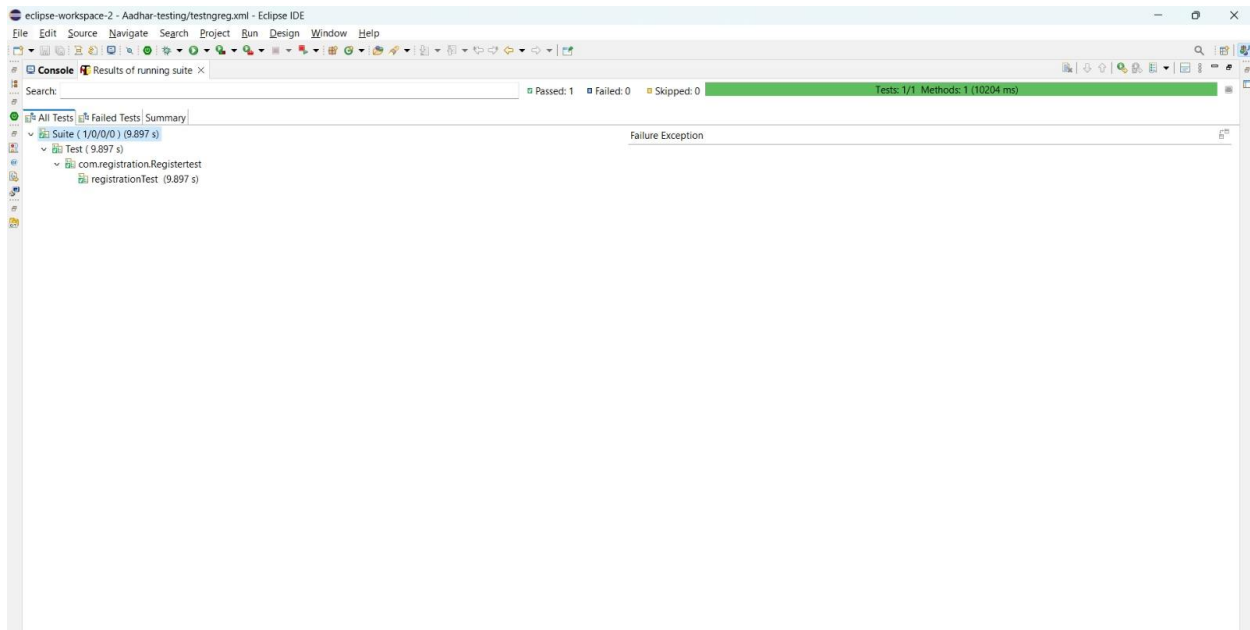
Disable Project

Permalinks

- Last build (#1), 3 min 26 sec ago
- Last stable build (#1), 3 min 26 sec ago
- Last successful build (#1), 3 min 26 sec ago
- Last completed build (#1), 3 min 26 sec ago

```

[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-
booter/2.22.2/surefire-booter-2.22.2.jar (268 KB at 144.7 KB/sec)
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar
(310 KB at 161.5 KB/sec)
[INFO] No tests to run.
[JENKINS] Recording test results
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 02:31 min
[INFO] Finished at: 2023-08-02T21:12:43+05:30
[INFO] Final Memory: 30M/84M
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving F:\eclipse-workspace\AadharBackend\pom.xml to com.example/AadharBackend/0.0.1-
SNAPSHOT/AadharBackend-0.0.1-SNAPSHOT.pom
channel stopped
Finished: SUCCESS
```



Dashboard > mAadhaar > #1 > Console Output

```
Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-
[INFO] Downloaded: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/surefire-
booster/2.22.2/surefire-booster-2.22.2.jar (268 KB at 144.7 KB/sec)
[INFO] Downloaded: https://repo.maven.apache.org/maven2/com/thoughtworks/qdox/qdox/2.0-M8/qdox-2.0-M8.jar
(310 KB at 161.5 KB/sec)
[INFO] No tests to run.
[JENKINS] Recording test results
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 02:31 min
[INFO] Finished at: 2023-08-02T21:12:43+05:30
[INFO] Final Memory: 30M/84M
[INFO] -----
Waiting for Jenkins to finish collecting data
[JENKINS] Archiving F:\eclipse-workspace\AadharBackend\pom.xml to com.example/AadharBackend/0.0.1-
SNAPSHOT/AadharBackend-0.0.1-SNAPSHOT.pom
channel stopped
Finished: SUCCESS
```

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

maadhaar
maadhaar
Tables
admin
citizens
user
Views
Stored Procedures
Functions
maadhaarapplication
Administration Schemas

Information

Table: admin

Columns:

id int AI PK
admin varchar(255)
password varchar(255)

1 SELECT * FROM maadhaar.admin;

Result Grid

	id	admin	password
1	1	admin	12345

admin 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:08:13	create database maadhaar	1 row(s) affected	0.016 sec
2	14:11:32	SELECT * FROM maadhaar.maadhaar LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
3	16:54:17	SELECT * FROM maadhaar.admin LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

maadhaar
maadhaar
Tables
admin
citizens
user
Views
Stored Procedures
Functions
maadhaarapplication
Administration Schemas

Information

Table: admin

Columns:

id int AI PK
admin varchar(255)
password varchar(255)

1 SELECT * FROM maadhaar.citizens;

Result Grid

	citizen_id	address	dob	emailid	gender	mobilenr	name
2	ss nagar	21/02/2001	ss@gmail.com	female	8096956409	ss	

citizens 1 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	14:08:13	create database maadhaar	1 row(s) affected	0.016 sec
2	14:11:32	SELECT * FROM maadhaar.maadhaar LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
3	16:54:17	SELECT * FROM maadhaar.admin LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
4	16:56:00	SELECT * FROM maadhaar.citizens LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

maadhaar
maadhaar
Tables
admin
citizens
user
Views
Stored Procedures
Functions
maadhaarapplication
Administration Schemas

Information

Table: user

Columns:

id int AI PK
email varchar(255)
password varchar(255)

34 id INT PRIMARY KEY AUTO_INCREMENT,
35 question_id INT NOT NULL,
36 option_text VARCHAR(500) NOT NULL,
37 is_correct BOOLEAN NOT NULL DEFAULT FALSE,
38 FOREIGN KEY (question_id) REFERENCES questions(id)
39);
40
41 -- Create the table for quiz results
42 CREATE TABLE quiz_results (
43 id INT PRIMARY KEY AUTO_INCREMENT,
44 user_id INT NOT NULL,
45 quiz_id INT NOT NULL,
46 score INT NOT NULL,
47 total_questions INT NOT NULL,
48 FOREIGN KEY (user_id) REFERENCES users(id),
49 FOREIGN KEY (quiz_id) REFERENCES quizzes(id)
50);
51
52 create database maadhaar;
53

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
3	16:54:17	SELECT * FROM maadhaar.admin LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
4	16:56:00	SELECT * FROM maadhaar.citizens LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
5	16:56:16	SELECT * FROM maadhaar.user LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
6	16:56:22	SELECT * FROM maadhaar.citizens LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
7	16:56:24	SELECT * FROM maadhaar.admin LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
8	16:56:28	SELECT * FROM maadhaar.user LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec

Object Info Session