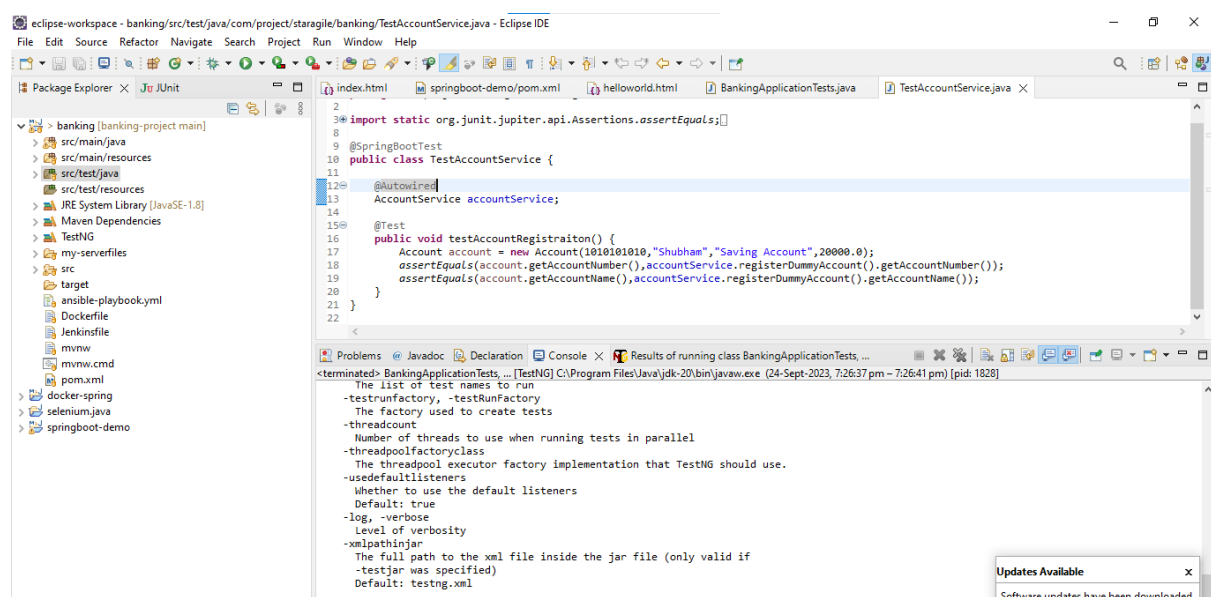


In order to implement a POC, you are requested to develop a mavenized microservice using spring boot and in memory h2 database.

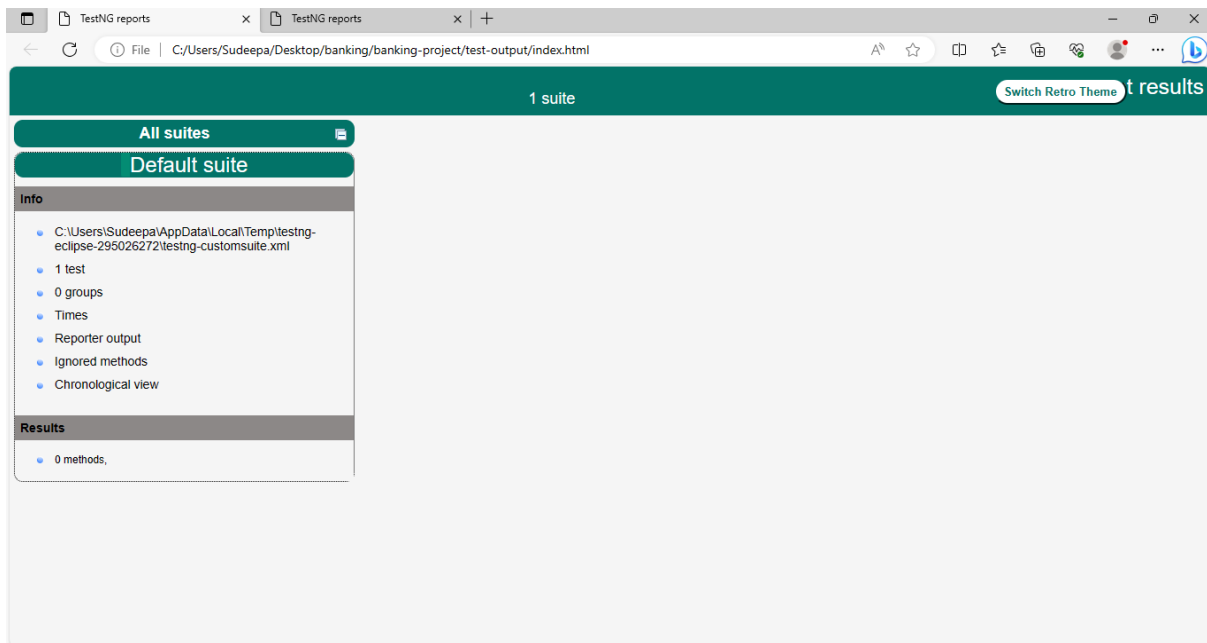
1. a microservice which exposes below mentioned endpoints as APIs and uses pre configured AWS RDS – mysql database to store the data.

- a. /createAccount (HTTP Method : POST) (Request Body : JSON)
- b. /updateAccount/{account no.} (HTTP Method : PUT ) (Request Body : JSON)
- c. /viewPolicy/{account no.} (HTTP Method : GET ) ( No Request Body )
- d. /deletePolicy/{account no.} (HTTP Method : DELETE) ( No Request Body)

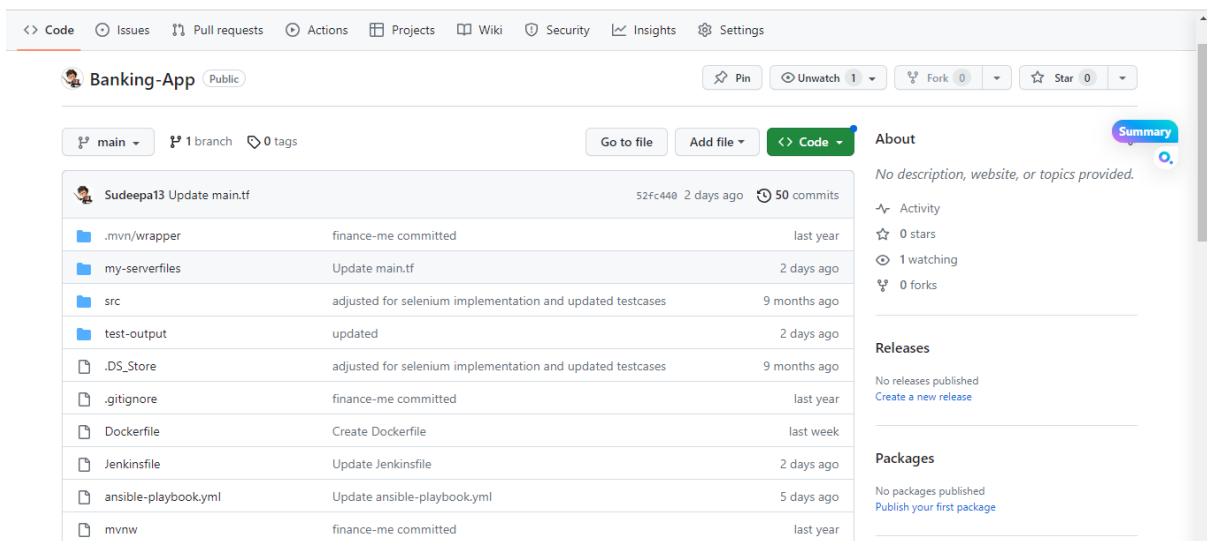
2. Write necessary Junit testcase.



3. Generate HTML report using TestNG.



#### 4. Push your code into your GitHub Repository.



Note : Preload some data into the database. [www.staragile.com](http://www.staragile.com) Later, you need to implement Continuous Integration & Continuous Deployment using following tools:

- ✓ Git - For version control for tracking changes in the code files
- ✓ Maven – For Continuous Build
- ✓ Jenkins - For continuous integration and continuous deployment

Dashboard > banking-app >

</> Changes

Build Now

Configure

Delete Pipeline

Full Stage View

Rename

Pipeline Syntax

Add description

Disable Project

Stage View

	Declarative: Checkout SCM	Declarative: Tool Install	checkout git	maven package	HTML report	docker file and image	Docker image push	Configure Test- server with Terraform, Ansible and then Deploying
Average stage times:	956ms	99ms	855ms	17s	198ms	4s	17s	14s
#20 Sept 24 20:34 1 commit	940ms	86ms	846ms	15s	180ms	3s	17s	14s
#19 Sept 24 20:17 1 commit	972ms	113ms	865ms	18s	216ms	4s	17s	14s

Build History

trend ▾

Filter builds... /

#20  
24 Sep 2023, 15:04

#19  
24 Sep 2023, 14:47

#18  
24 Sep 2023, 12:02

#17  
24 Sep 2023, 11:43

#16  
22 Sep 2023, 12:53

#15  
22 Sep 2023, 12:42


← → ↻ ⚠ Not secure | 13.233.75.230:8080/job/banking-app/18/console

Dashboard > banking-app > #18


```
@[0m@[1maws_instance.test-server (local-exec):@[0m @[@PLAY RECAP
=====
@[0m@[1maws_instance.test-server (local-exec):@[0m @[@0m13.232.244.93      : ok=5   changed=4    unreachable=0
failed=0   skipped=0   rescued=0   ignored=0


@[0m@[1maws_instance.test-server: Creation complete after 1m45s [id=i-0a23d6eed075f31b]@[0m
@[0m@[1m@[32m
Apply complete! Resources: 1 added, 0 changed, 1 destroyed.
@[0m
[Pipeline] }
[Pipeline] // dir
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withCredentials
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```

The short description is used to index your content on Docker Hub and in search engines. It's visible to users in search results.

 **sudeedockeracc / banking-app**

### Description


This repository does not have a description 

 Last pushed: 2 days ago

### Docker commands



To push a new tag to this repository:

```
docker push sudeedockeracc/banking-app:tagname
```

[Public View](#)[Summary](#)

### Tags


This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 1.0		Image	3 hours ago	2 days ago

[See all](#)[Go to Advanced Image Management](#)

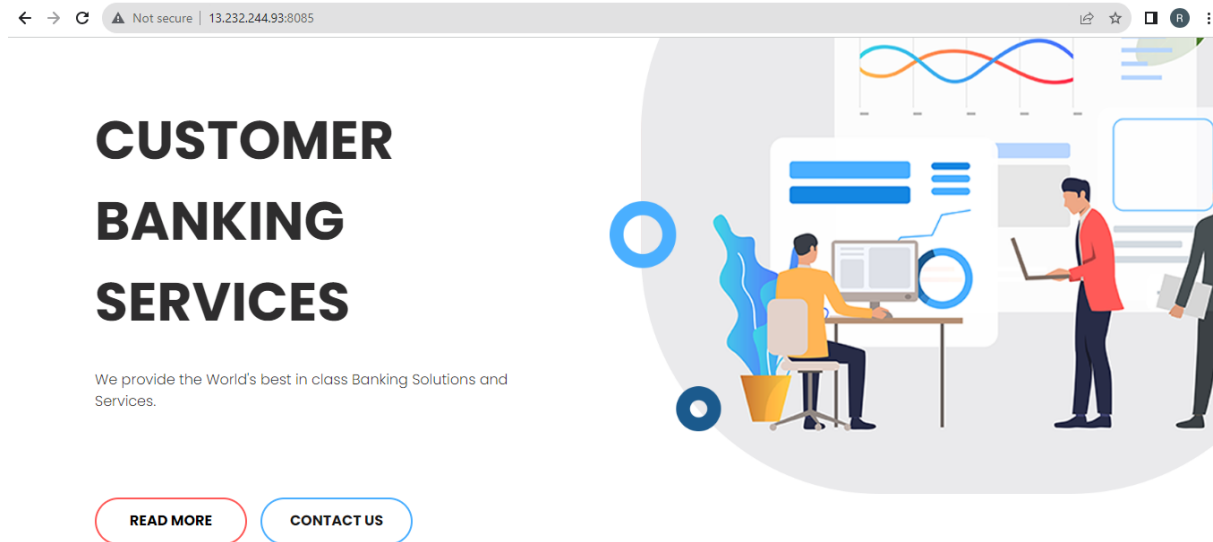
### Automated Builds

Manually pushing images to Hub? Connect your account to GitHub or Bitbucket to automatically build and tag new images whenever your code is updated, so you can focus your time on creating.

Available with Pro, Team and Business subscriptions. [Read more about automated builds](#) .

[Upgrade](#)

- ✓ Ansible - Configuration management tools
- ✓ Selenium - For automating tests on the deployed web application
- ✓ Terraform - For creation of infrastructure.



- ✓ Prometheus and Grafana – For Automated Monitoring and Report Visualization

← → ↻ ⚠ Not secure | 13.233.75.230:9090/targets?search=

Prometheus Alerts Graph Status ▾ Help

## Targets

All scrape pools ▾ All Unhealthy Collapse All 🔍 Filter by endpoint or labels

Unknown Unhealthy Healthy

**nodeexporter (1/1 up)** [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.232.244.93:9100/metrics">http://13.232.244.93:9100/metrics</a>	UP	instance="13.232.244.93:9100" job="nodeexporter"	3.311s ago	12.509ms	

**prometheus (1/1 up)** [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
<a href="http://13.233.75.230:9090/metrics">http://13.233.75.230:9090/metrics</a>	UP	instance="13.233.75.230:9090" job="prometheus"	4.503s ago	5.168ms	

