**FSD-SBA-FINAL-PROJECT:Project Manager**

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**Please refer to the "documents" folder which contain the following sub-folders**

1. Application\_Screenshots : This contains application screenshots of all screens.
2. MySQL Script : This contains table design and the DDL commands
3. Emma\_Coverage\_Reports : This contains the junit test cases, emma code coverage report and screenshots.
4. Jmeter Reports : This contains the screenshots of the jmeter execution on the rest end-point designed
5. Jenkins : This contains the screenshots of the jenkins pipeline creation, execution and the build report

**Following are the projects structure:Project Manager**

1. **"projectmanager-server" - The spring boot project using Rest API, JPA etc running in the back-end**
2. **"projectmanager-web" - The angular project using HTML5,CS3,Bootstrap4 running in the front end**

**Instructions for cloud lab VM:**

* The entire project code base is present in the path C:\Users\Admin\git\FSD-SBA-FINAL-PROJECT\ within the cloud lab VM.
* 8. The full stack projectmanager jar file(post-build) is present in the path C:\Users\Admin\git\FSD-SBA-FINAL-PROJECT\projectmanager-server\target.
* In order to run the application, open a command prompt(cmd.exe),navigate to the jar path mentioned above and run the command:java -jar jarname
* Open a web browser(google chrome) and use the URL:https://localhost:8090 to access the application

**Final Build Commands:**

* Maven: clean install -e [The UI code is build using "frontend-maven-plugin" and is packed inside the JAR artifacts itself. Refer projectmanager-web pom.xml](Command is mvn clean install)
* Docker: package docker:build[spotify "docker-maven-plugin" is used to create image in the remote docker. configuration : pom.xml of projectmanager-server](Command is mvn package docker:build)

**Local Deployment Commands:**

* Spring boot in projectmanager-server folder: spring-boot:run
* Angular ui in web folder of projectmanager-web: npm install -> npm start

**Jenkins:**

1. GitHub Branches to build: \*/fullstack
2. Jenkins script Path: projectmanager-server/Jenkinsfile