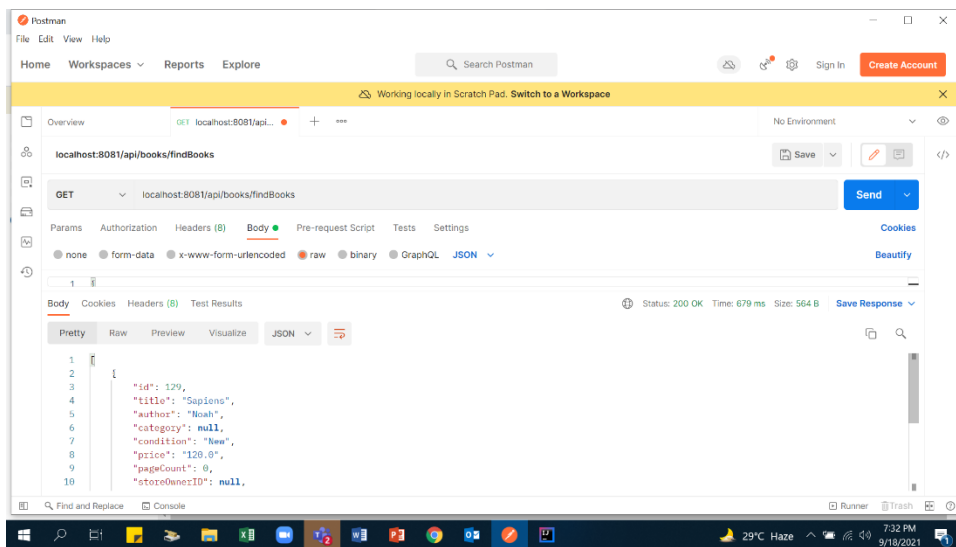
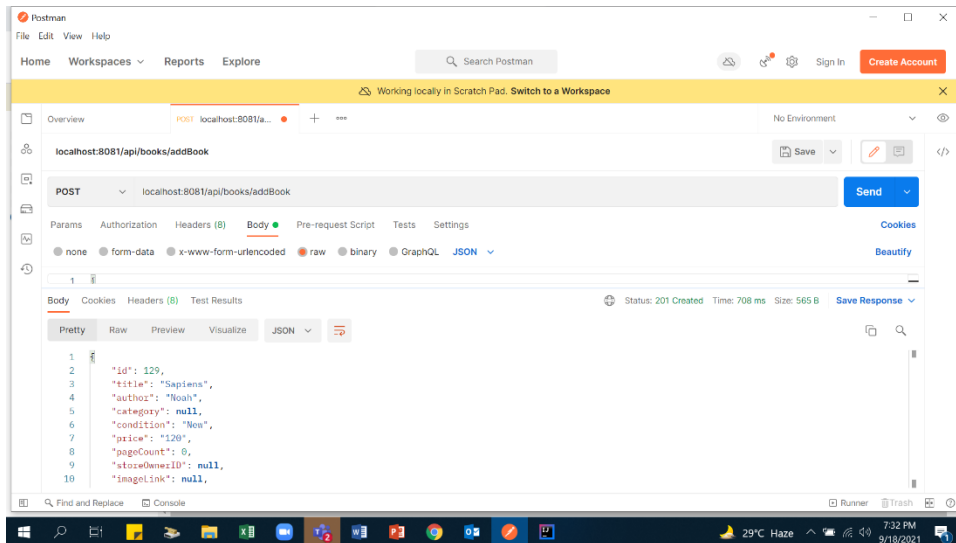


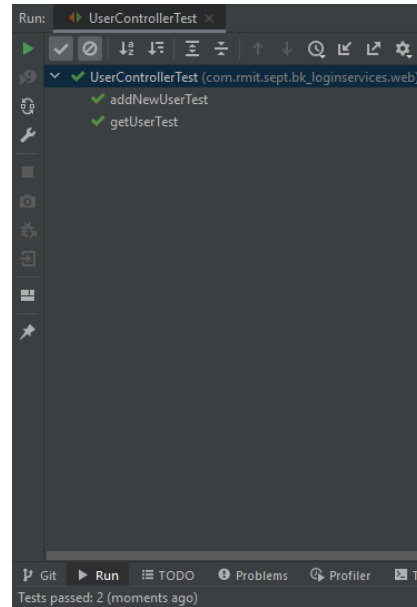
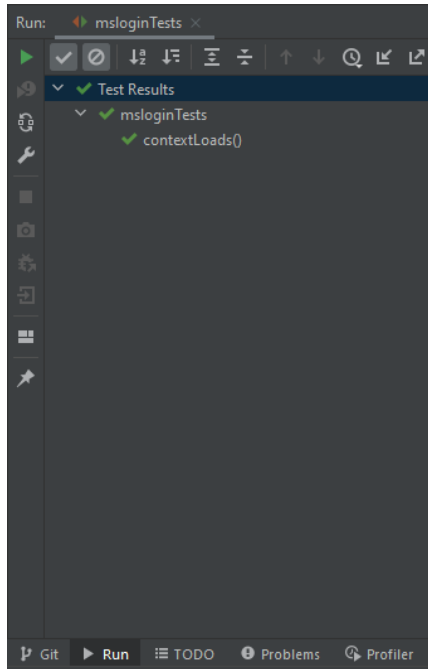
Postman:



Unit tests:

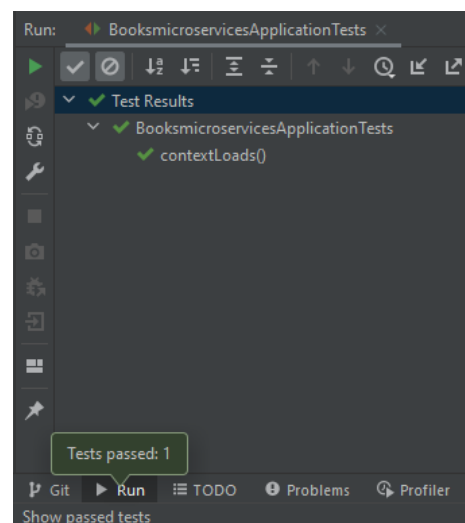
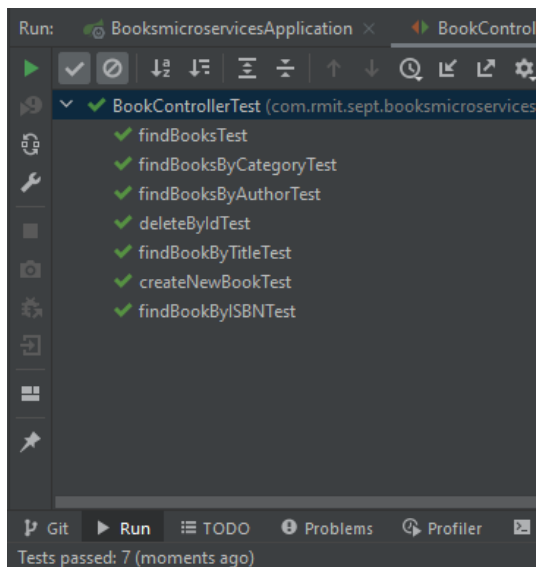
Unit tests for login microservice:

Tested adding a new user and getting a user from a mock repository



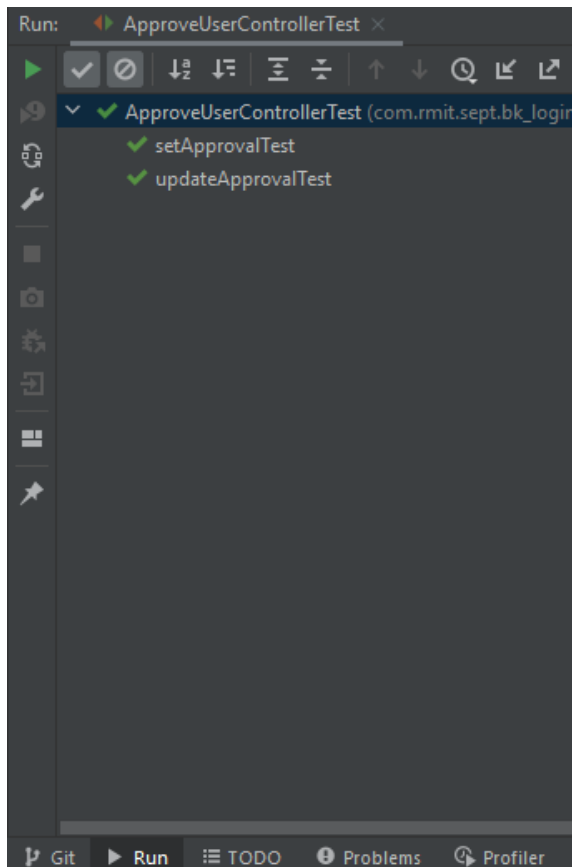
Unit tests for book microservice:

Tested finding books with multiple criteria along with adding, deleting, and updating a book created in a mock repository



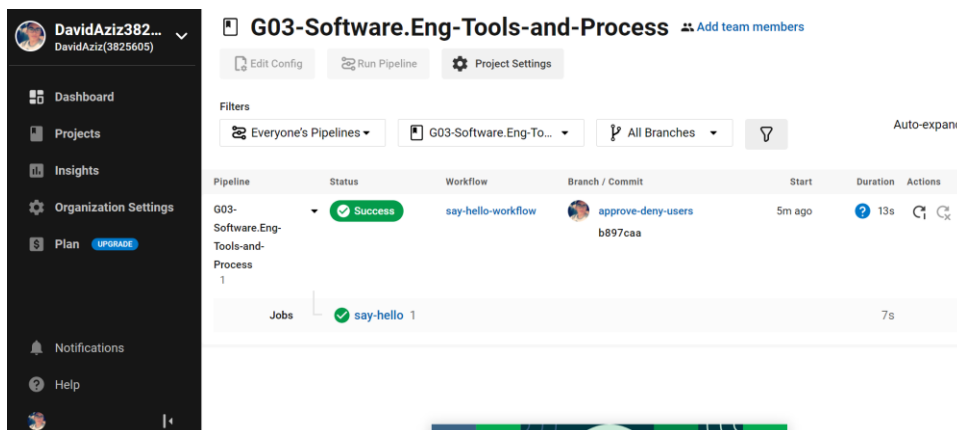
Approve User tests:

Tested adding a user to be approved and updating his/her status in a mock repository



CircleCI:

A simple yml file that does a hello world job and has successfully passed as shown below



Docker:

Login Microservices:

```
FROM openjdk:8
EXPOSE 8080
ADD target/loginmicroservices-docker.jar loginmicroservices-docker.jar
ENTRYPOINT ["java", "-jar", "/loginmicroservices-docker.jar"]
```

Front-End DockerFile:

```
1 FROM node:14
2 WORKDIR /app
3 COPY package*.json ./
4 RUN npm install
5 COPY . .
6 EXPOSE 8080
7 CMD ["npm", "start"]
```

Book Microservices:

```
Dockerfile x
1 FROM openjdk:8
2 EXPOSE 8081
3 ADD target/bookmicroservices-0.0.1-SNAPSHOT.jar bookmicroservices-0.0.1-SNAPSHOT.jar
4 ENTRYPOINT ["java", "-jar", "/bookmicroservices-0.0.1-SNAPSHOT.jar"]
```