Git repository: `https://github.com/STROJM/DTUPay`

1 Prerequisites

We assume your system is able to run bash commands. If you are using windows, please use the linux subsystem, git bash or other bash terminals to run the project.

2 Installation

The following technologies are used and should be installed in order to run the project. Please choose the installation procedure that best fits your operating system:

- Java11 - `https://www.oracle.com/java/technologies/downloads/#java11`

- Maven - `https://maven.apache.org/install.html`

- Docker - `https://docs.docker.com/get-docker/`

Once the dependencies have been installed, issue the following command in the terminal to build, run and test the project.

```
1  ./build_and_run.sh
```

3 Error Scenarios

The following ports are used in the project.

- Grafana: **3000**

- RabbitMQ: **5672**

- CustomerAPI: **8080**

- MerchantAPI: **8081**

- ManagerAPI: **8082**

- Prometheus: **9090**

- RabbitMQ: **15672**

- RabbitMQ: **15692**

Please make sure no other processes uses these ports, otherwise this project will not be able to start.

4   Development Tools

The project has been developed using the Intellij IDE.