

# Installation Guide

## Simple DTU Pay

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*This document describes how to set up and access the Simple DTU Pay application.*

## 1 Introduction

This guide provides step-by-step instructions for cloning, building and accessing the **Simple DTU Pay** application developed by Group 4.

The project is hosted on the DTU Linux VM and uses Jenkins for CI/CD.

## 2 Prerequisites

Before you begin, ensure you have:

- Git installed
- JDK21 (Java)
- Maven
- Docker Engine and Docker Compose

## 3 Cloning the Repository

1. Open a terminal
2. Create and enter a new directory:

```
1 mkdir simple-dtu-pay  
2 cd simple-dtu-pay
```

3. Clone the repository:

```
1 git clone https://github.com/02267group4/simple-dtu-pay.git .
```

## 4 Launch services and run tests

4. Start services:

```
1 sudo docker-compose up -d --build
```

5. Launch additional terminal window:

```
1 gnome-terminal
```

6. Enter root directory:

```
1 cd simple_dtu_pay/
```

7. Run tests:

```
1 mvn clean verify
```

## 5 Jenkins – Continuous Integration

**URL** `http://fm-04.compute.dtu.dk:8282/`

**Username** huba

**Password** 1234

## 6 Accessing the Group 4 Linux VM

SSH access to the deployment / test server:

```
1 ssh -i /path/to/your/fm-04-key huba@fm-04.compute.dtu.dk
```

**Username** huba

**Password** 1234