Steps to prepare the development environment:

    1. For project version control Gitlab was used.

    2. The IDE is intellij

    3. Java version 1.8

    4. There should be a web server. Docker was used

Used dependencies:

    Spring boot

    Spring boot security

    Spring boot mail

    Microsoft Azure

    Azure cosmosdb

    Freemarker

    Junit

    Mockito

Deployment:

    Azure web services were used.

    To configure, go to pox.xml and find the configuration of azure.

    For the database setup, go to application properties and find DB URI, DB Key, DB Name and change values if needed

    Package maven project.

    Use terminal to configure the Azure cli.

    Then use command maven azure-webapps:deploy to deploy the application

To run on a local machine

    Install docker  and setup it's server parameters

    Use command docker-compose up to build and run the project

For version control

    Use Gitlab for version control. ( Use separate branches for every task to then merge the changes with the main one)