Тестовое задание заключается в разработке web-приложение на платформе Java 8

Результат работы должен включать:

                - архив с исходным кодом

                - архив для развертывания в сервер приложений (.war)

Требования для приложения UserManagement

Domain:

∙ User {id, firsname, lastname, username, password, email, birthday, isActive, createTS, lastUpdateTS}

∙ Address {zip, country, city, district, street}

∙ Group – e.g. managers, developers, testers

Backend:

∙ Restful service with CRUD functionality and passivate/activate operation.

∙ In case passivate user state update should return error

∙ Bean validation on service level

∙ Persistence with JPA

∙ Search for firsname, lastname, email, birthday

Build

∙ Maven

Testing

∙ Unit tests

∙ Db test with in memory db

Optional:

Frontend – any web or JS framework

∙ Group tree

∙ List of users

∙ Address view aside of users list with update on user selection

∙ CRUD screens

∙ Search

∙ Filtering list of users

∙ Passivation/activation operation with confirmation dialog

∙ Form validation

∙ All communication with backend by REST