

# OAD 2017/2018

## OADTurk

### Assignment 2

### Group 6

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# Task 1

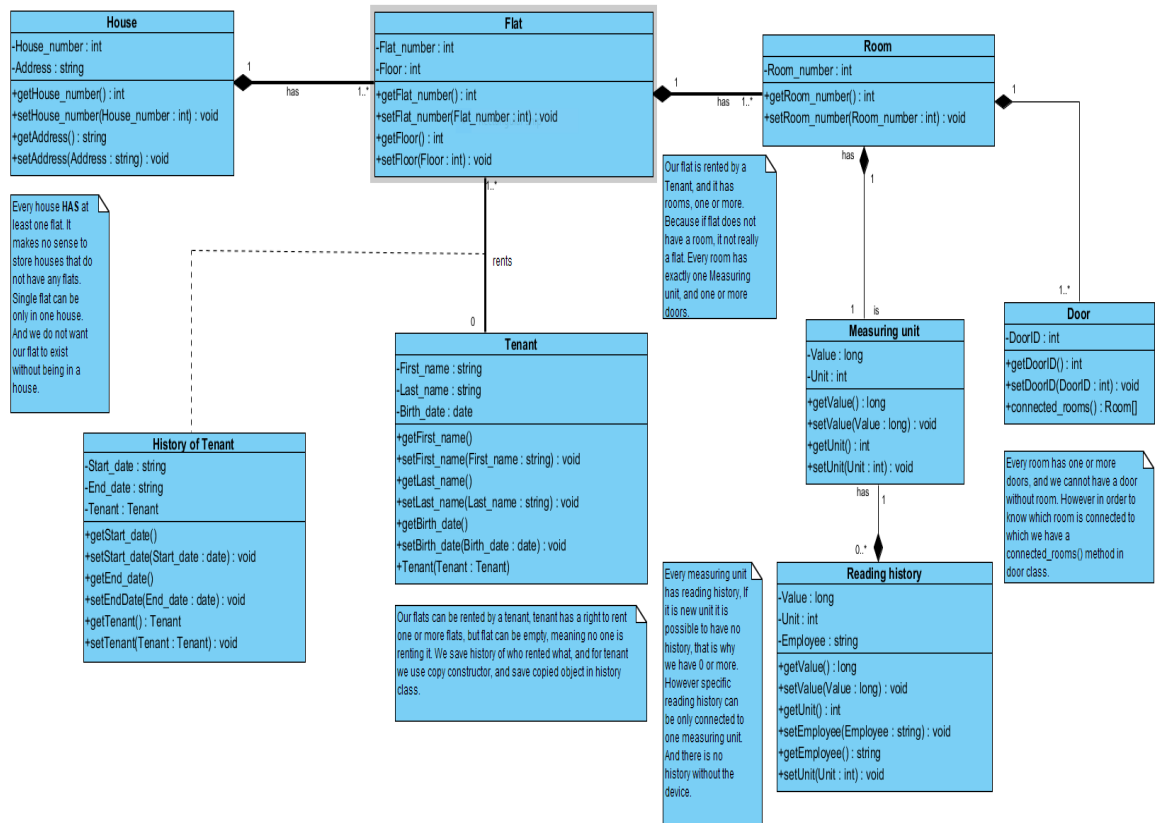


Figure 1: House Model

# Task 2

## 2.1 OADTurk Introduction

OADTurk is a learning environment based on human computation, that can be used by users. This software is central environment for the administration of learning applications(LAs). Learning applications are central components of OADTurk. Our goal is to make increasing number of learning applications. The two main parts of OADTurk are: “OADTurk User Community” and “OADTurk Environment”.

## 2.2 Project utilization

The customers can use OADTurk for multiple reasons. One of the most important is participating in different learning applications. Every user can choose different learning units. For every different LAs user has possibility to participate in different type of exams. There is also possibility for every user to apply for “creator”.

## 2.3 Target Audience

The target audience for our software is actually every person who wants to acquire new knowledge. OADTurk is also very helpful for students during their studies. Human computation offers every person to learn their learning units on efficient way.

## 2.4 The most important OADTurk Use Cases (with priority)

Use Cases:	Priority
Registration	High
Sign In	High
Sign Out	High
Applying for Creator	Average
Participating in exams	Average
Users Learning Applications	High
Adding Creators	Low
Managing user's requests	Average
Managing user's account	Average
Creating exams	Average
Creating Learning Application	Low
Changing personal info	High
Defining categories	Low

### 2.4.1 Description of Use Cases

Use Case: <b>Registration</b>	Priority: <b>High</b>
<i>Description</i> Performing registration for OADTurk application.	
<i>Scenario 1</i> A user enters their registration credentials. Then presses button "Register". Dialog "The authentication E-Mail has been sent to your address. Please verify it and try Signing in" is shown.	
<i>Scenario 2</i> A user enters their registration credentials. Then presses button "Sign in". He will be then redirected to the welcome tab.	

Use Case: <b>Log In</b>	Priority: <b>High</b>
<i>Description</i> Log in into OADTurk application.	
<i>Scenario 1</i> A user enters their credentials. Then presses button "Sign in". Upon successful authentication the user shall be redirected to the OADTurk tab.	
<i>Scenario 2</i> A user enters their wrong credentials. Then presses button "Sign in". Because of the wrong authentication the user can not be redirected to the OADTurk tab.	

Use Case: <b>Log Out</b>	Priority: <b>High</b>
<i>Description</i> Sign out from OADTurk application.	
<i>Scenario 1</i> A user presses button “log out” and will be redirected to welcome tab.	

Use Case: <b>Users Learning Applications</b>	Priority: <b>High</b>
<i>Description</i> A user is enabled to switch over different Learning Applications.	
<i>Scenario 1</i> A user can choose different Learning Application. For every Learning Application users got different questions to solve. After choosing appropriate answer, the user will be click on the button “Submit”.	

Use Case: <b>Changing personal info</b>	Priority: <b>High</b>
<i>Description</i> Changing personal info of the user.	
<i>Scenario 1</i> A user enters their registration credentials additionally with new password. Then presses button “Save”. If the old password was correct, new password will be successfully created.	
<i>Scenario 2</i> A user enters their registration credentials with wrong old password. Then presses button “Save”. Because of the wrong old password, the user can not be enabled to change password.	

Use Case: <b>Applying for Creator</b>	Priority: <b>Average</b>
<i>Description</i> Every user is enabled to apply for creator.	
<i>Scenario 1</i> A user is still creator and is enabled to create new Learning Applications, which must be confirmed by admin.	
<i>Scenario 2</i> A user applies for creator, and wait for admins to evaluate his request.	

Use Case: <b>Participating in exams</b>	Priority: <b>Average</b>
<i>Description</i> Every user has a possibility to participate in exams.	
<i>Scenario 1</i> A user wants to participate in an exam, but he is unregistered. By a click on a button “Register”, he can be registered and then to participate in an exam.	
<i>Scenario 2</i> A user is registered and by a click on a button “Start”, he will be redirected to new tab with questions.	

## 2.5 Use Case Diagram

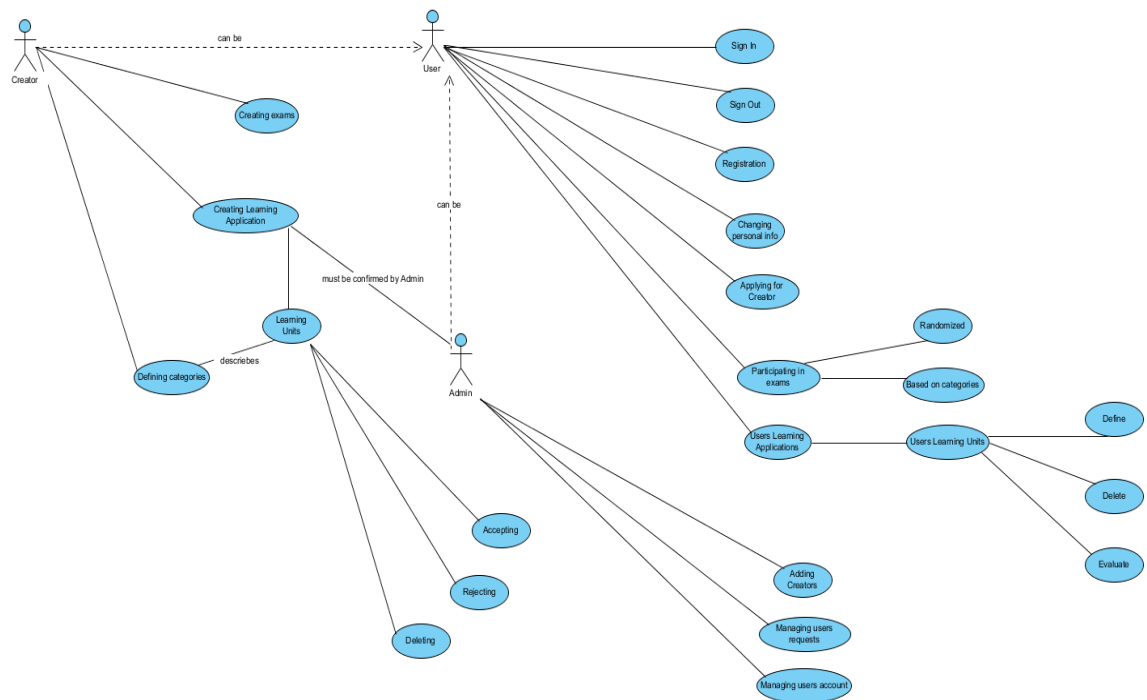


Figure 2: Use Case Diagram in Visual Paradigm

## 2.6 UML analysis class diagram

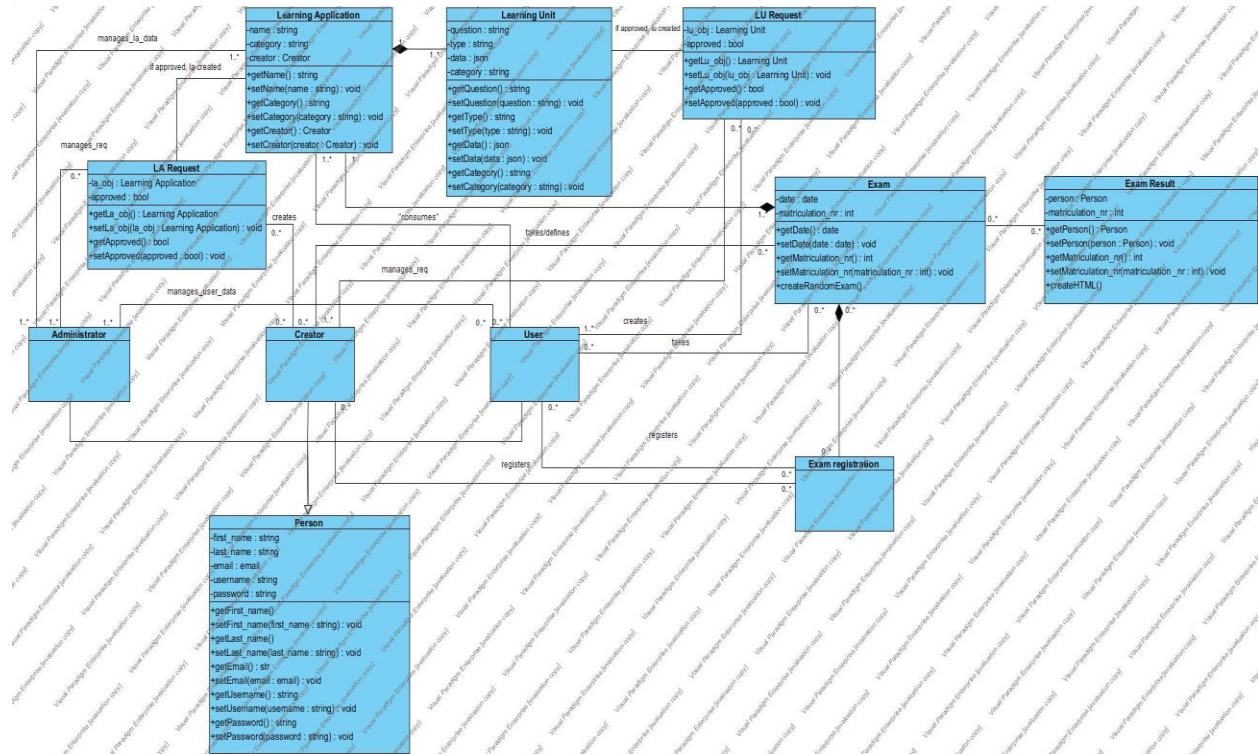
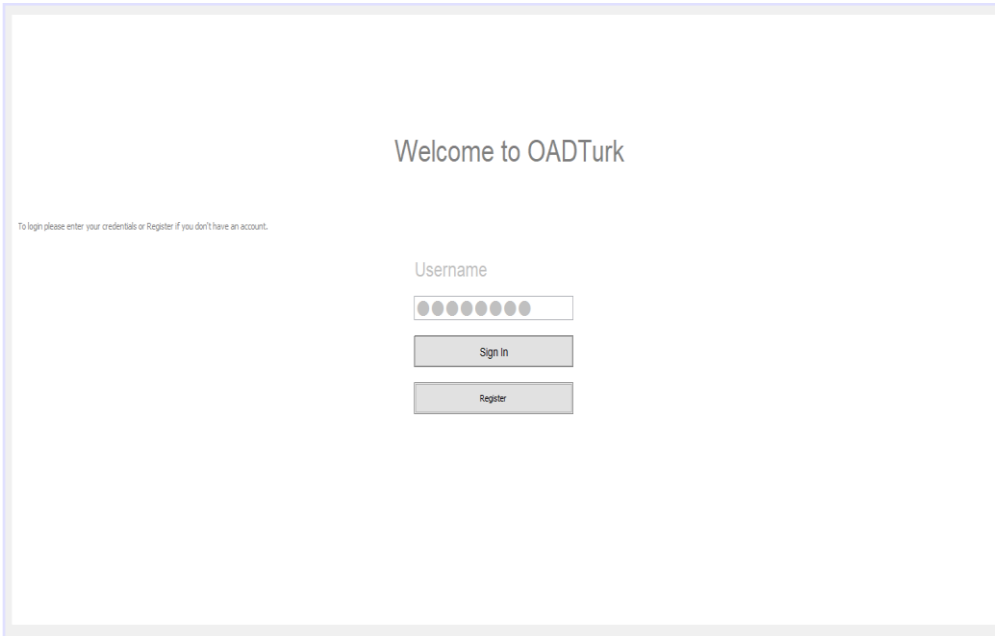


Figure 3: UML analysis class diagram in Visual Paradigm

## 2.7 Project plan

What	Who
Project Plan	Aleksandar
Infrastructure	Stefan, Amir
Houses Model	Djordje, Aleksa
Testing	Nikola
Submission document	Aleksandar
GUI	Stefan, Amir
Use Case Diagram	Aleksandar
UML analysis class diagram	Djordje, Aleksa
Screenshots	Nikola

## 2.8 Screenshots

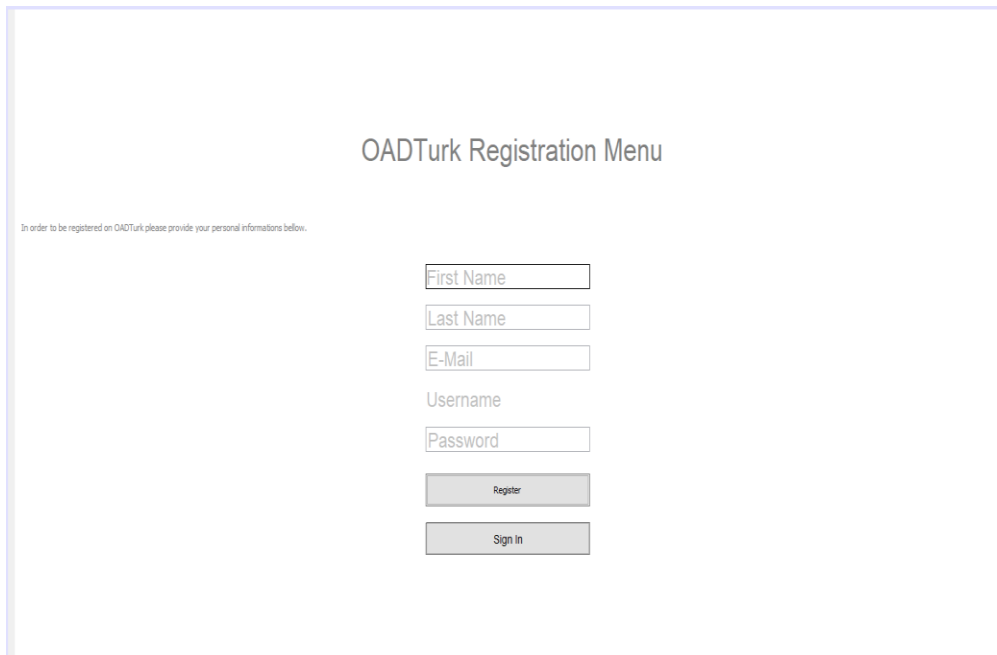


Welcome to OADTurk

To login please enter your credentials or Register if you don't have an account.

Username

*Figure 4: The start page includes the Sign in and registration areas in the middle of screen. User can insert his user name and password in order to sign in or click on register window to create new account.*



OADTurk Registration Menu

In order to be registered on OADTurk please provide your personal informations below.

Username

*Figure 5: Registration menu contains fields such as: First Name, Last Name, E-Mail, User name and Password, located in the middle of the screen. Filling out required information's and clicking on the register window will complete the registration process. Sign in window is located at the bottom of the screen.*



Your OADTurk

Open system for Learning Applications.

Max Mustermann (User)

Sign Out

tab1 tab2 tab3 tab4 tab5

Unfortunately you are not a CREATOR.

To become one, please apply and wait for our Admins to evaluate your request.

You might be asked to provide some additional informations.

APPLY

Figure 6: Only administrators are allowed to create new content. User can send request to become creator by clicking on apply button. User information and option to sign out are located in the top right of the screen.

Your OADTurk

Open system for Learning Applications.

Max Mustermann (User)

Sign Out

tab1 tab2 tab3 tab4 tab5

tab1 tab2

Question question question question question question question question question question question question?

☐ Answer answer answer answer answer

☐ Answer answer answer answer answer

☐ Answer answer answer answer answer

☐ Answer answer answer answer answer

Submit

Figure 7: Four possible answers are located under the question window. In order to answer the question, user has to check one of the boxes located at the beginning of each answer and click on submit window in the bottom left.

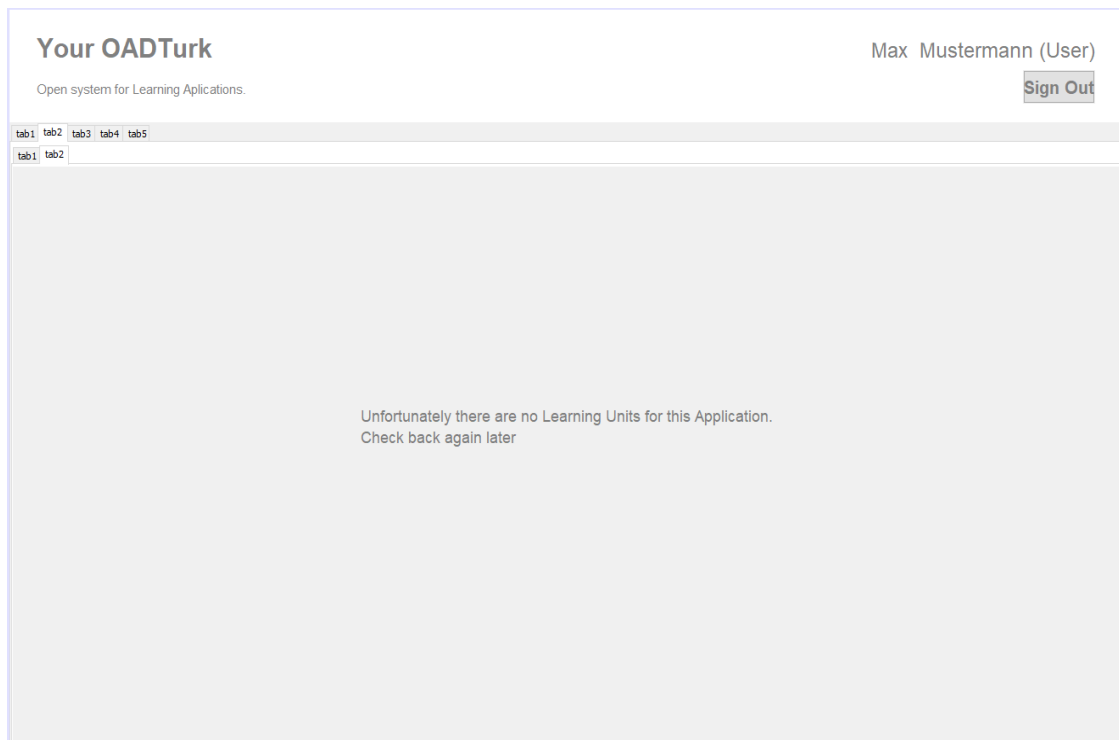


Figure 8: Message displaying that there are currently no learning units available.

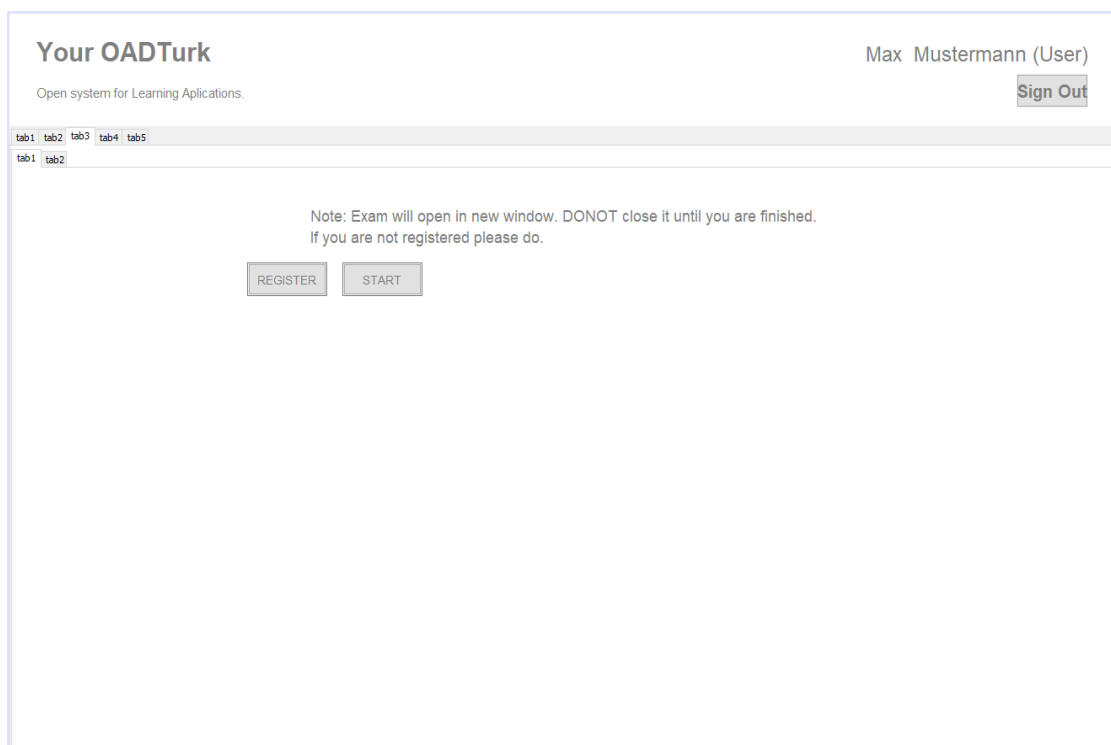


Figure 9: In order to participate in the exam, user has to be registered. Exam will be opened in a new window after clicking on the start.

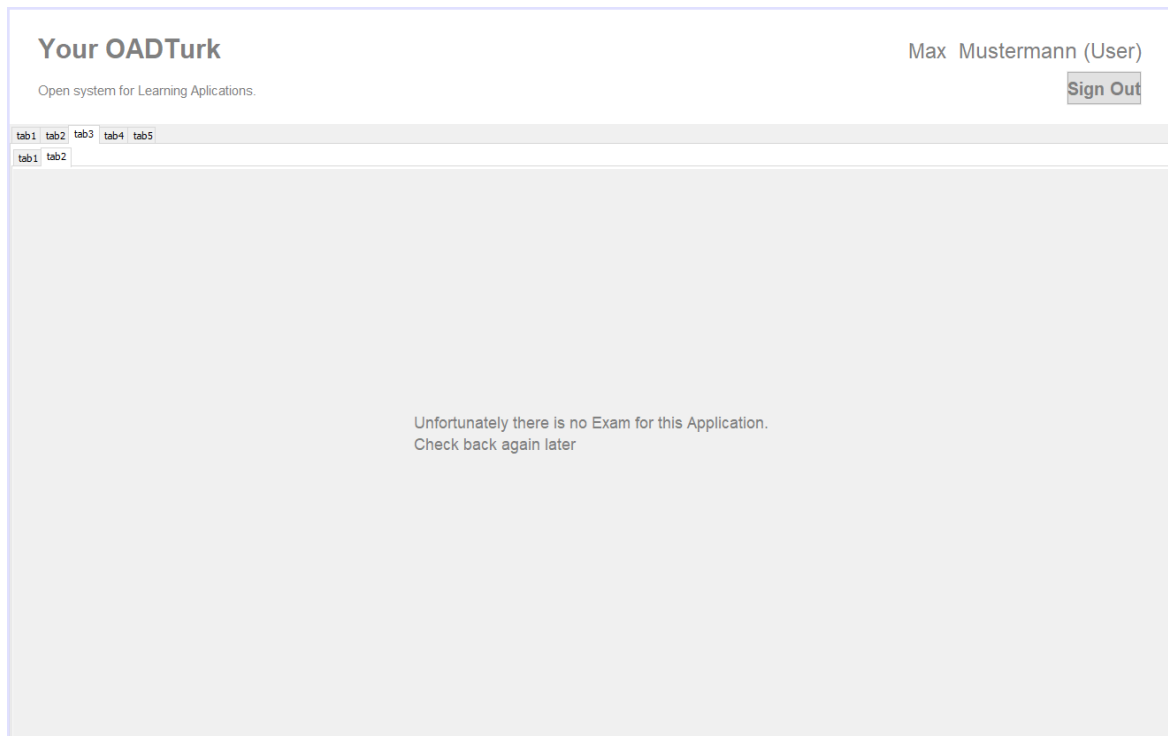


Figure 6: Message displaying that there is currently no exam available.

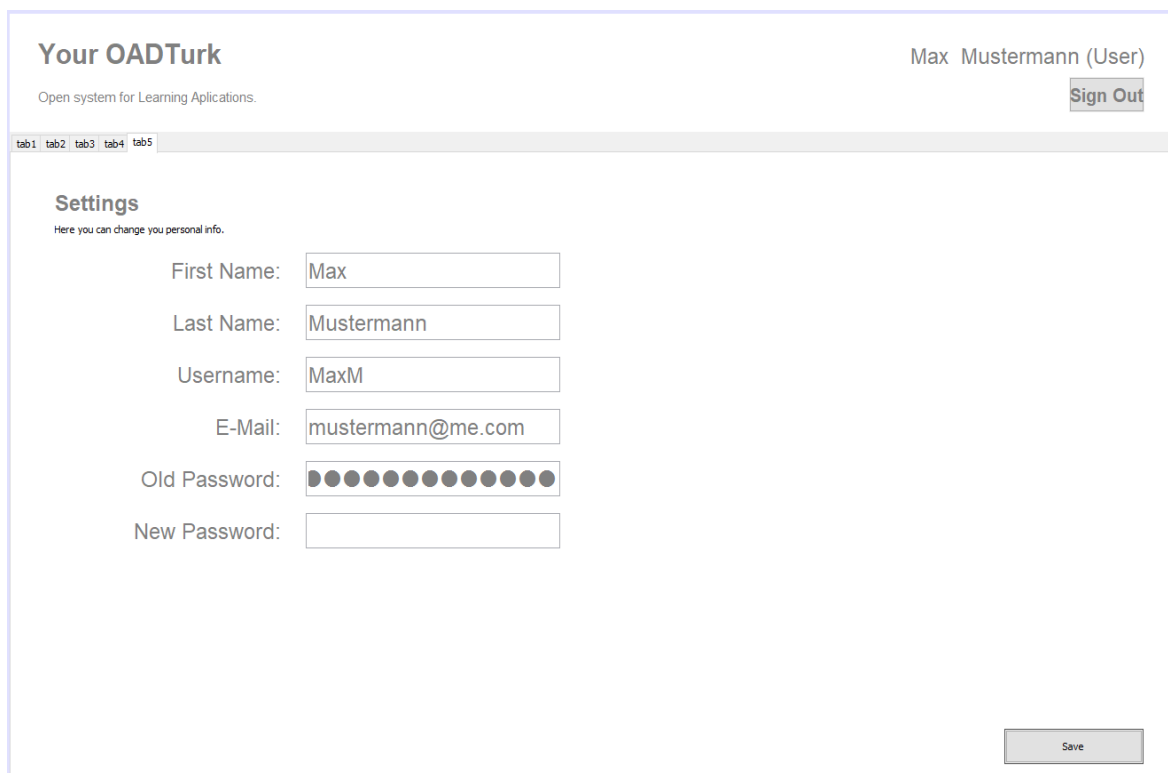


Figure 7: Settings menu allows user to change his personal information and password required to sign in. Information will be updated after clicking save button in the bottom left of the screen.

**Our team**

NAME	RESPONBILITIES
STEFAN GAJANOVIC	Development
AMIR MUJACIC	Development
ALEKSA PANDUREVIC	Testing
DJORDJE RAJIC	Usability
NIKOLA BALAC	Analysis
ALEKSANDAR STOJICIC	Manager