Project Requirements

Project Name: unibe.tutor24.st.ch

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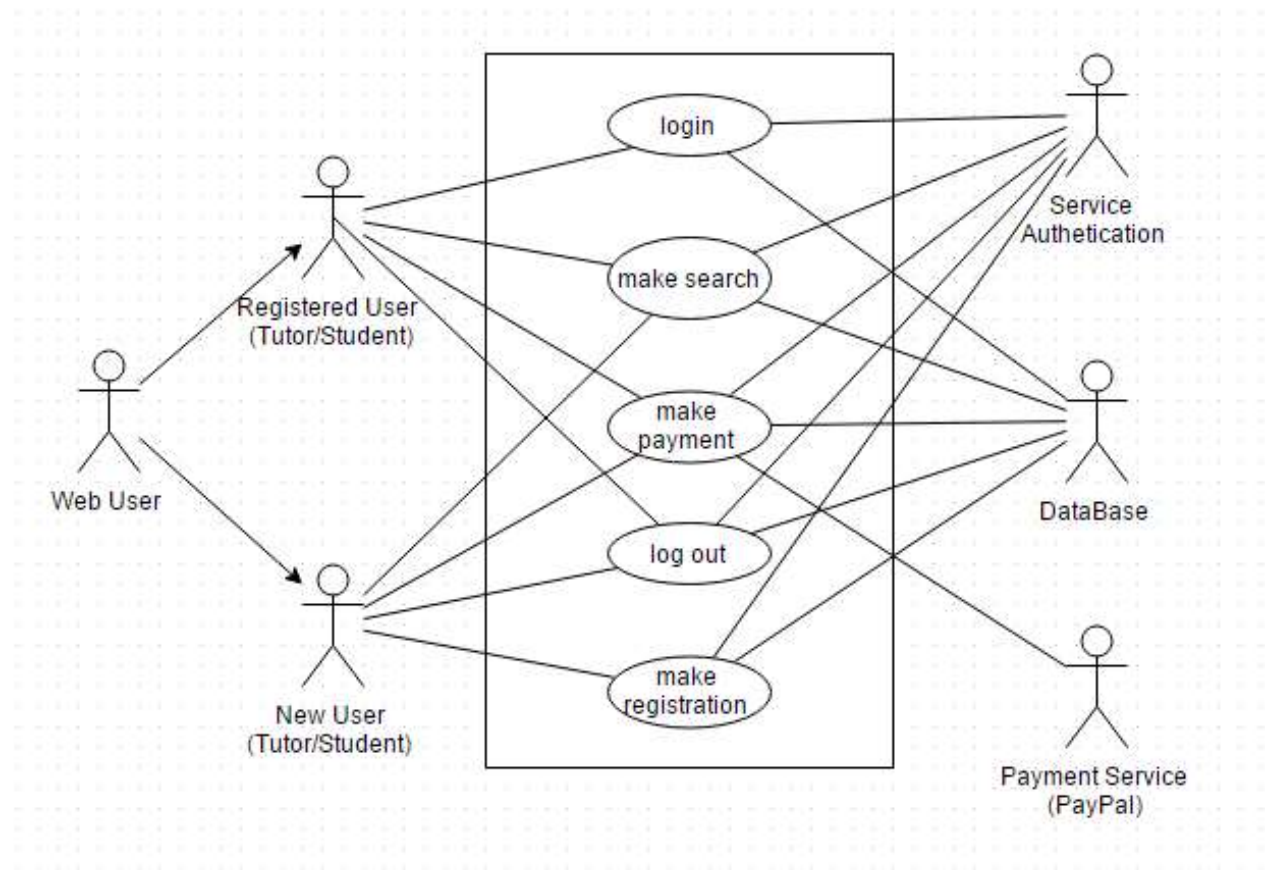**Team: ESE-Team-1**

Revision History

Version	Date	Revision Description
.01		
.02		
..		
1.0		

Date: October 6, 2015

A. Use Case Diagram

B. Use cases

0. <u>**Tutor finder**</u>

    0.1. Actors

There are two types of actors such as a student and tutor.

Tutor – is a registered tutor on the web site, who is able to provide private classes in order to prepare for the exam. The registered tutor is bachelor, master or PhD student who has successfully accomplished number of courses in the University of Bern. Hence, the registered tutor is able to provide support and know how to prepare for the exam in a best manner.

The registered tutor is a person who is external to the software system, but interacts with the system and performs use cases in order to accomplish the task/

Student – is either registered or amateur user of the system. There are two scenarios that student can choose. First is to register in the system and find students who need help to prepare for the exam. Hence, the user becomes a tutor after the registration. Second is to register in the system and find appropriate tutor in order to prepare for the exam.

    0.2. Description

As a user of the web system I want to find an appropriate experienced TUTOR who is able to provide necessary preparation for the exam.

    0.3. Trigger

In order to find the appropriate tutor, user sets up search criteria's.
The first in the use case flow:
- User enters the system
- Make search by choosing several criteria's, such as level of degree (Bachelor, Master, PhD); field of study (Math, Biology, Law, etc); the course name (Introduction to Software Engineering, Discrete Mathematics, etc); location (Bern, Fribourg, Neuchatel, etc); language (English, French, German)
- The system provides the results of search;
- The result is the list of the tutors which correspond to the search criteria's.
- The student will be able to choose among the provided list.
- The list for individual tutor will include specific information. The information is the full name, current level/field/place of study, academic background, contact information, language, age, gender, place of living, timetable of the available dates/time for classes, the price per hour.

    0.4. Pre-conditions

      1. The tutors presented on the web site are registered students of University of Bern.

    0.5. Post-conditions

      1. Student receives a message from the tutor regarding the question or classes.

    0.6. Main Scenario

1. Web user visits unibe24.tutors.ch web service
2. Students enters the search criteria's
3. System provides available list according to the search criteria's
4. If no match found between search criteria's and the database, the following message is shown:
   Sorry, nothing is available. Please, try other key words.

5. The user can select following objects in the list and acquire additional information.
6. In order to write private message to the tutor user have to register
7. The student registers into the system
8. The student creates a profile sheet
9. The students sends the message and receive reply
10. The students logs out from the system

0.7. Alternative Scenarios

4a. Registered tutor logs into the system
1. Registered user visits www.unibe24.ch
2. Enters personal login and password
3. Goes to the profile page
4. Checks the inbox messages
5. Sends the messages
6. Modify the profile information
7. Logs out

4b. new student registers into the system
1. Student fills in the profile information page
2. Save the modifications
3. Make search and provides search criteria's
4. Surfs through the results
5. Sends message to the tutor
6. Receives reply
7. Logs out from the system

0.8. Special Requirements
-    The payment can be done online using visa credit cards, PayPal account, or web money.

[Identify any additional requirements, such as nonfunctional requirements, for the use case that may need to be addressed during design or implementation. These may include performance requirements or other quality attributes.]

0.9. Notes
1. How can we validate real Unibe students and tutors?
2. Are this service only for the unibe students?