School of Electrical Engineering, Belgrade

Coursework for Software Engineering Principles (SI3PSI)

**Project: CodeUp**

*Use case specification for Logging-In*

Document version: 1.0

**Name**

Logging-in

**Identifier**

UC1

**Description** (*A* c*ouple of sentences or a paragraph describing the basic idea of the use case****)***

Through an online form, user can input his username and password. After submitting, system check if that username exists and if the corresponding password is correct. Successful passing of this test results in user gaining his account privileges. The same page used for signing in should provide a quick reference to registration page, if the user doesn’t already have an account.

**Goal** (*The business goal of the initiating actor*)

Using username and password, users can log in and resume where they left off.

**Preconditions** (*List the state(s) the system can be in before this use case starts*)

1. None

**Assumptions** (*Optional, List all assumptions that have been made)*

1. None

**Frequency** (*Approximately how often this use case is realized, e.g., once a week, 500 times a day, etc*.)

Very frequent, as this is a mandatory operation for every user who wants to access any important functionality of our website.

**Basic Course** (*Describe the “normal” processing path, aka, the Happy Path*)

1. User visits the log-in page.
2. User fills in the input fields for username and password
3. System checks if the corresponding tuple (username, password) exists in the database.
4. System adds the user to the list of logged-in users.
5. System redirects the user to the page that he attempted to visit.

**Alternate Course A:** Error in step 3

**Condition:** One or both field values are either missing or incorrect

A.1. System returns information about unsuccessful login attempt to the user

A.2. Return to the step 2.

**Post conditions** (*List the state(s) the system can be in when this use case ends*)

1. User is logged-in

**Actors** (*List of actors that participate in the use case*)

**Notes**

*List any "to-do’s", concerns to be addressed, important decisions made during the development of this use case*, …