School of Electrical Engineering, Belgrade

Coursework for Software Engineering Principles (SI3PSI)

**Project: CodeUp**

*Use case specification for Registration*

Document version: 1.0

**Name:**

Registration

**Identifier**

UC1

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

By using an online form, user will give us as input his email address, first name, last name, chosen username and password. We will check if either username or email is already taken, and if not, we will send a confirmation email to specified address. In any other scenario, user

gets an error message indicating what went wrong. User can then try to fill previously invalid fields with new data.

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

Account creation in order to gain all privileges that come with having an account.

**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 often

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

1. User visits our registration page.
2. User fills in the required fields with personal information.
3. System checks if the provided information that must be unique (username and email) already exists in the database.
4. System sends an email to the user, asking him to confirm his registration.
5. System waits for the user to confirm his registration. User can’t proceed until he does so.

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

**Condition:** Username is already taken, or any of the mandatory field values are missing.

A.1. System returns information about unsuccessful registration attempt to the user, indicating which fields need to be filled in again.

A.2. Return to the step 2.

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

**Condition:** Email is already taken .

A.1. System informs the user that the given email address is already taken. Web page gives clear instruction on how to reset the password for that email address.

A.2. User either chooses another email address for the registration process or request a password reset.

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

1. User has created an account.

**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*, …