

UP BikeShare Web App

Use Case Specification

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In partial fulfillment of academic requirements
for the course
CS 191 Software Engineering I
of the
1st Semester, AY 2015-2016

Unique Reference:

The documents are stored in the <https://github.com/kozloz/nesy>

Document Purpose:

This document's purpose is to an insight on the use case *1.1 Register Account*, what scenarios may occur, and how these scenarios are handled.

Target Audience:

UP BikeShare users and members.

Revision Control*History Revision:*

Revision Date	Person Responsible	Version Number	Modification
09/18/15	Paul Emil Ongoco	1.0	Initial Document. Included Activity Diagram, Flow of Events, and Description of Use Case.

Use-Case Name: 1.1 Register Account

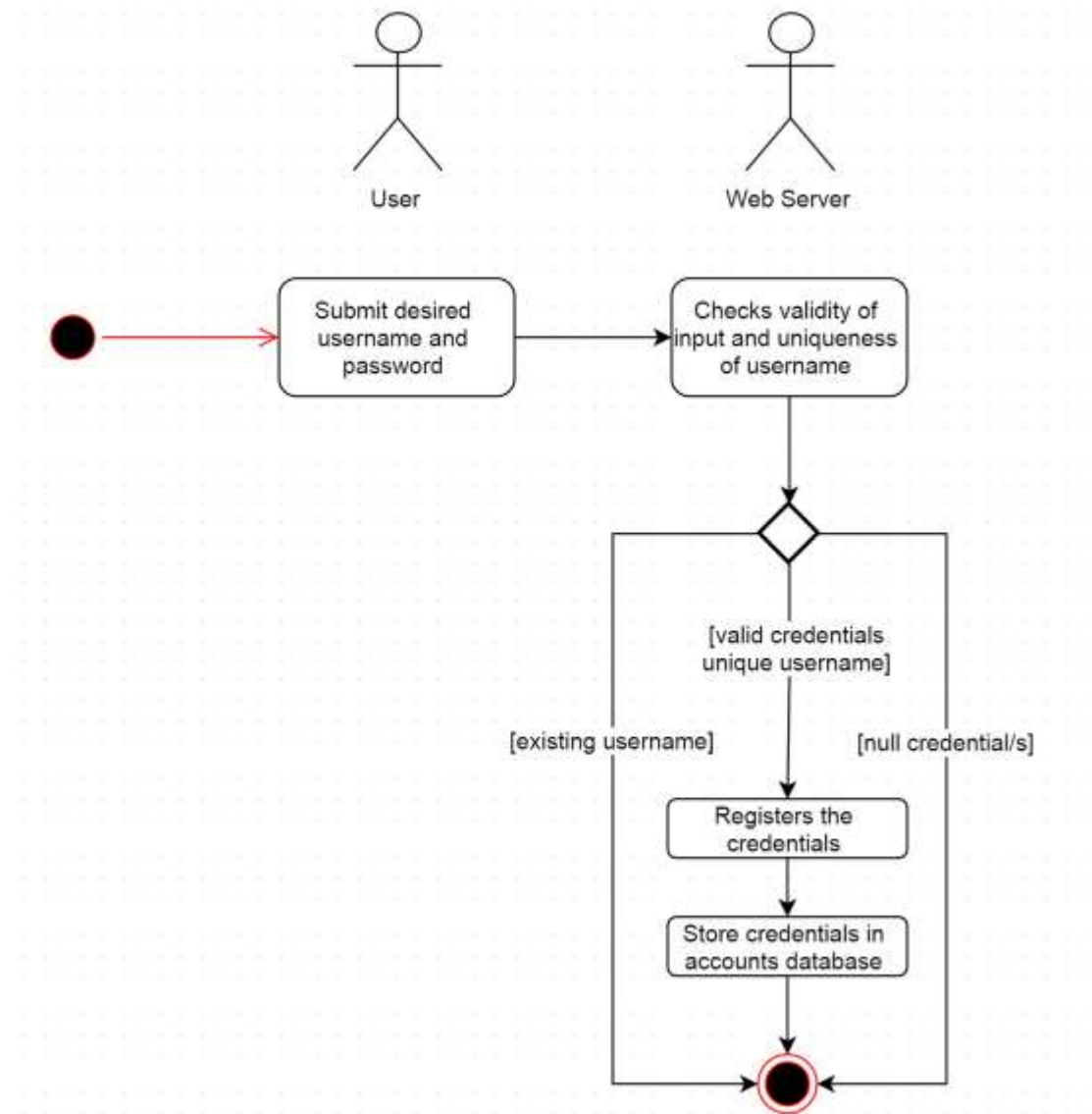
Description: *This use case shows how a user creates an account in the web app. The credentials that will be provided by the user will be assessed by the Web Server whether they are valid and unique. The Web Server is also the one responsible in storing the credentials in the Account Database as well as maintaining the database.*

Preconditions: NONE

Flow of Events:

Scenario Name	Description
Scenario 1 New account is successfully registered.	1. User submits desired username and password. 2. Web Server checks if inputs are valid and if username is unique. 3. If inputs are valid and username is unique, the credentials are registered. 4. Web server stores the credentials in the account database.
Scenario 2 User did not put a username, a password, or both. Account Registration fails.	1. User submits an incomplete credentials (at least one is null). 2. Web Server checks if inputs are valid and if username is unique. 3. If Web Server detects no input on at least one credential fields, the registration process will be cancelled.
Scenario 3 User puts a registered username. Account Registration fails.	1. User submits a username and password but the username is already registered. 2. Web Server checks if inputs are valid and if username is unique. 3. If Web Server detects that the username is already being used, the registration process will be cancelled.

Activity Diagram of the Flow of Events:



Postcondition: NONE

Relationships: NONE

Special Requirements: NONE