# UP Bike Share – Android App

## Use Case Specification

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### *Unique Reference:*

The documents are stored in:
https://github.com/devsofup/UPBike-Share-Android/tree/master/02-Requirements-Engineering

### *Document Purpose:*

This document serves to detail the structure of the Bike Share project's main functionalities or use cases and how they work, without too much detail on the software implementation. This will serve as the agreement between the client and the developers as to how each of the functionalities will work. This will also guide the developers as to what are the most important aspects of the application.

### *Target Audience:*

This document is mainly for the viewing of the client and the development team. It will also be viewed by the guiding faculty.

### *Revision Control*

*History Revision:*

| ***Revision Date*** | ***Person Responsible*** | ***Version Number*** | ***Modification*** |
|---|---|---|---|
| 09/17/15 | Jaypee San Gabriel | 0.5 | Placed description, preconditions, postconditions, relationships and special requirements for each use case. |
| 09/18/15 | Jaypee San Gabriel<br>Steven Barrozo | 1.0 | Complete rough draft. Created activity flow and activity diagrams for each use case. |

*Use-Case Name*: Use-Case 3.0 View Account

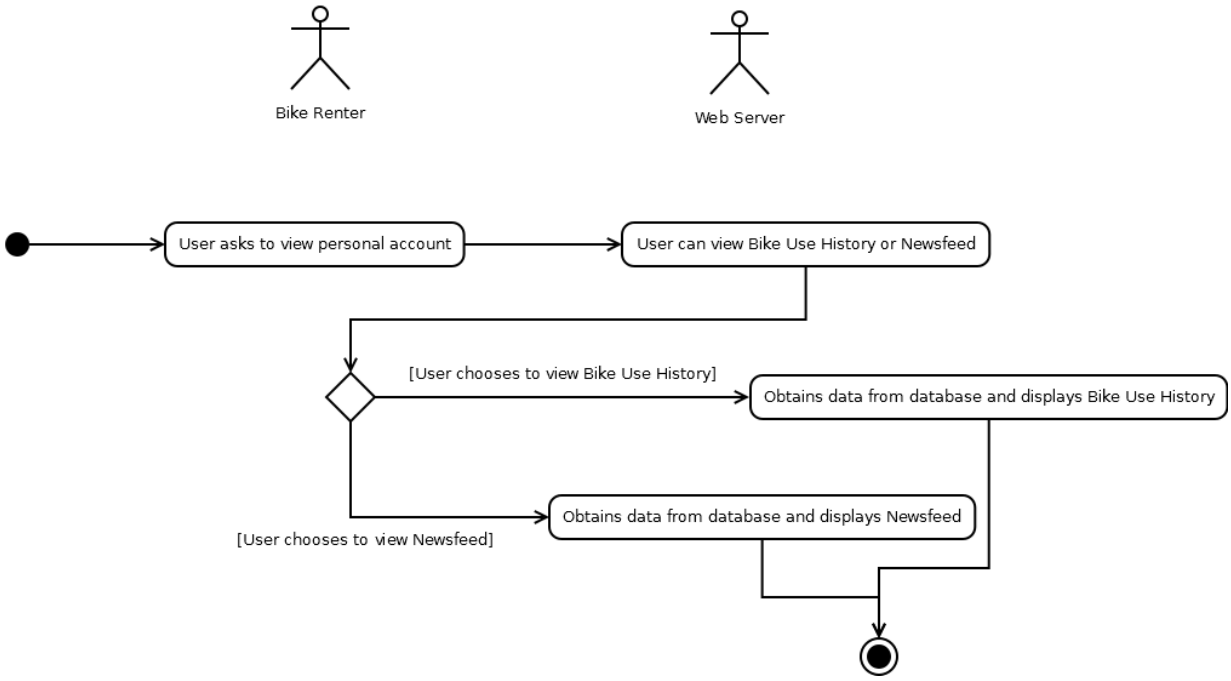
*Description:* While logged in, a user can view his/her current account details so that he/she can take note of the current status of his/her account. This includes a Bike Use History, which shows the previous bikes used, when they were used, and all relevant transactions. There is also a dynamic Newsfeed showing which bikes have been reported as having issues.

*Preconditions:* The Bike Renter is 'Logged In.'
There is a working connection with the Web Server.

*Flow of Events:*

| ***Scenario Name*** | ***Description*** |
|---|---|
| Scenario 1(Basic Flow: Bike Use History)<br>A logged-in Bike Renter views the Bike Use History of his/her account. | 1. Through the Bike Share module, the user prompts the system to view his/her account.<br>2. The system provides two pages: the Bike Use History and the Newsfeed.<br>3. The user chooses to view the Bike Use History.<br>4. The system displays the Bike Use History for the user's account using data from the Web Server. |
| Scenario 2 (Basic Flow: Newsfeed)<br>A logged-in Bike Renter views the Newsfeed. | 1. Through the Bike Share module, the user prompts the system to view his/her account.<br>2. The system provides two pages: the Bike Use History and the Newsfeed.<br>3. The user chooses to view the Newsfeed.<br>4. The system displays the current Newsfeed using data from the Web Server. |
| Scenario 3 (Connection Error) | 1. If at any time in the basic flow, the connection with the Web Server is lost, the system will display a Connection Error, and log out the current user. |

*Activity Diagram of the Flow of Events:*




*Postcondition:* NONE

*Relationships:* NONE

*Special Requirements:*
NONE