

UP BikeShare Web Server

Use Case Specification

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Unique Reference:

The documents are stored in <https://github.com/team-mvp/UP-BikeShare-Project>.

Document Purpose:

This document shows what happens when the web and android applications syncs with the database in the web server.

Target Audience:

UP BikeShare administrators

Revision Control*History Revision:*

Revision Date	Person Responsible	Version Number	Modification
09/25/15	Alezon Valerio	1.0	Initial Document.

Use-Case Name: 4.0 Sync Database

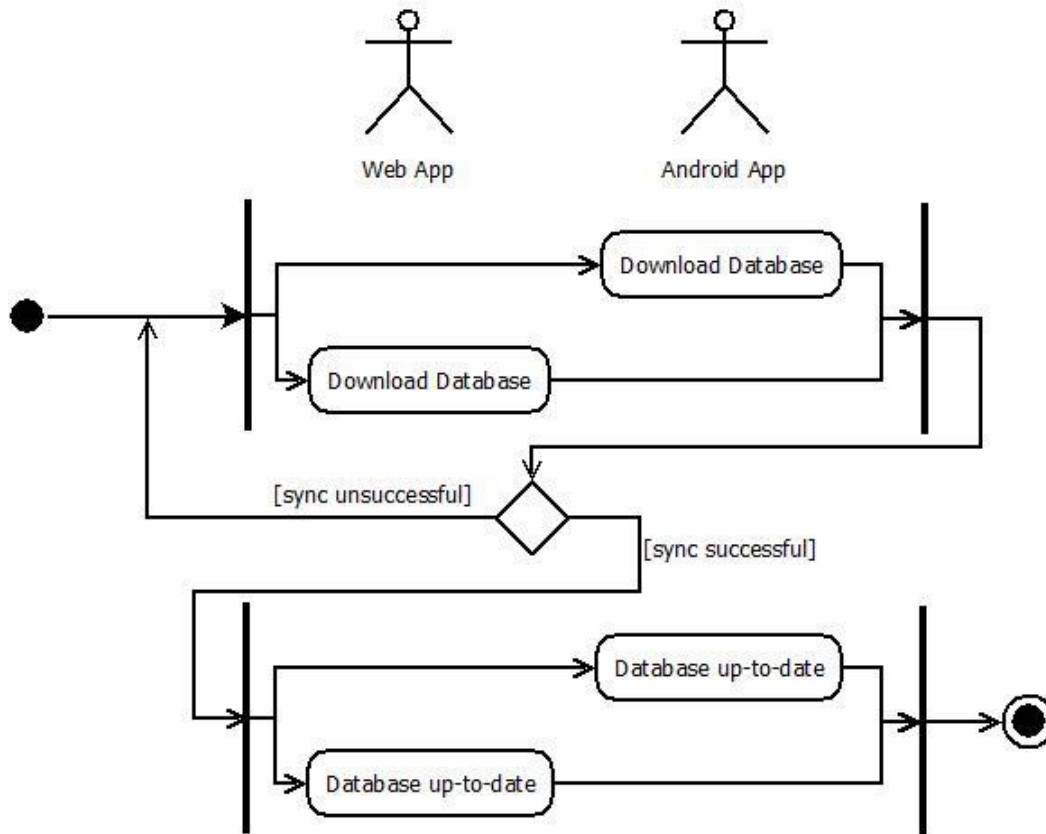
Description: Inputs from both the UP Bike-Share web application and the Android app will be saved to the database and the incoming data from these two actors shall be synchronized. This database shall also sync with the back-end web application because the back-end web app's main purpose is to show/display the data provided by the web app and android app to the UP Bike-Share administrators in real-time.

Preconditions: A working web application and Android app that successfully sends information/data to the web server/database.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) Database successfully connects with the Android app and the web app	<ul style="list-style-type: none">- Database receives all information/data from the Android app and the web app- It saves and syncs all information- Is then ready to be used by the back-end web app
Scenario 2 Database encounters issues on connectivity and for some reason, fails to connect to the Android app and the web app	<ul style="list-style-type: none">- Database will keep on trying to connect and sync until it receives the information/data that the web app or Android app needs to send

Activity Diagram of the Flow of Events:



Postcondition: NONE

Relationships:

- UP Bike-Share Web application
- UP Bike-Share Android application

Special Requirements:

A working Database for the web-app, android app and web server/back-end web app