



Uber for Bikes (Ubob)

Local Machine

Vagrant

Virtual Machine

Docker

Uber for Bikes

Webserver

Controller

DB

Virtual Machine

Docker

Uber for Bikes

Webserver

Controller

DB

Virtual Machine

Docker

Uber for Bikes

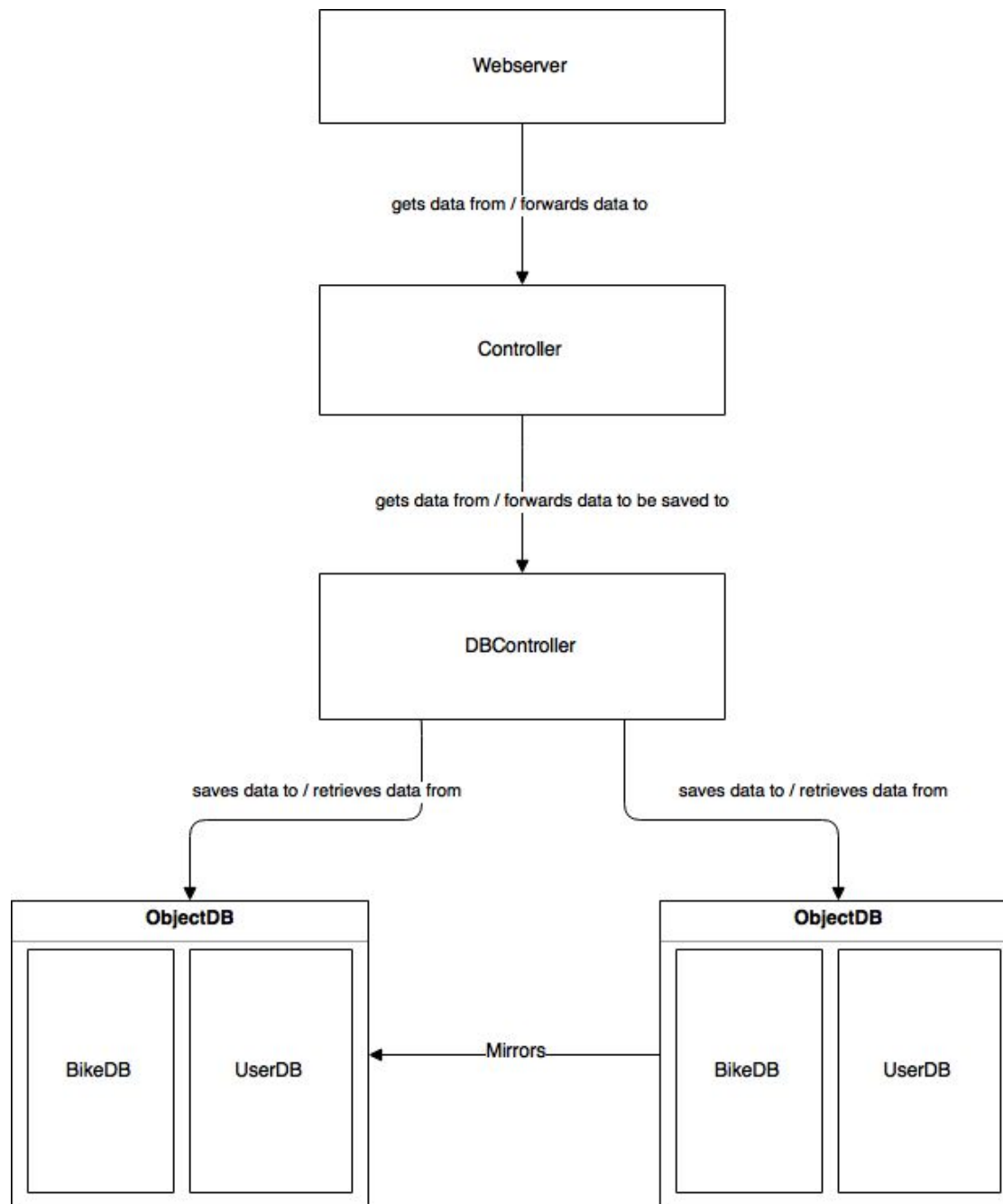
Webserver

Controller

DB

Weave





Functionality of the System

- User Sign Up
- User Login
- User Balance Readout
- Bikes displayed on Map
- Bike can be rented/set available again

Technologies used

- Java for
 - Database Implementation
 - Controlling communication Webserver <-> DB
- JavaScript/HTML/CSS for Webserver UI
- Vagrant to start and config VMs
- Docker to run Webserver and
UberForBikes.jar (Controller & DB Impl)
- GitHub for revision management