**Development Manual**

**CS 414 - Project 3**

**Team: BetterBytes**

Set Up Workspace:

1. Install Eclipse and JUnit5
2. Clone Repository: https://github.com/dcdennis/cs414-f18-001-BetterBytes.git

In Terminal: git clone https://github.com/dcdennis/cs414-f18-001-BetterBytes.git

1. Open repository in Eclipse

Set Up Database:

1. Install MySQL workbench or equivalent SQL server to run on local machine
2. Server is run locally so make sure the ports are available to be used
3. Once the DB is created make sure the tables are named and formatted correctly
4. Get the URL for the database as well as the username and password
5. Change the values in the SQL driver to match your database
6. Eventually the database will be hosted on the CSU network and the credentials will be constant. The requirement will be that the server is running on the CSU network so a VPN will be needed if it is off campus

Run Server:

1. Open Terminal
2. Navigate into src/ folder

In Terminal: cd %path%/cs414-f18-001-BetterBytes/src/

1. Execute the run\_server.sh script

In Terminal: ./run\_server.sh

Run Client:

1. Open repository in Eclipse
2. Run DemoClient class

Run Tests:

1. Open Repository in Eclipse
2. Run TestSuite class within the package (edu.colostate.cs.cs414.betterbytes.p3.testing)