Setting up the Development Environment

Necessary Downloads (if not already installed):

1. **Eclipse (**https://www.eclipse.org/downloads/**)**
2. **MySQL (**https://www.youtube.com/watch?v=fwQyZz6cNGU**)**
3. **Git (**https://git-scm.com/downloads**)**

Dependencies to download (if not already downloaded):
1. Mysql-connector-java-5.1.44-bin.jar
2. **From: https://github.com/google/guava/wiki/Release19**
   a. Guava-19.0.jar
   b. Guava-19.0-sources
   c. Guava-19.0-javadoc

Run MySQL Workbench
1. Set your credentials to username:root password:password
2. Create a schema rollerball (lowercase)

Import the SQL Dump file
1. user_dump.sql

Allows the use of forms within eclipse:
Download and install Junit Forms Helper
https://www.youtube.com/watch?v=oeswfZz4IW0

Get Git tools in Eclipse
1. Window > Show View > Other > Git > Git Repositories & Git Staging

Set up GitHub Repo in Eclipse
1. Go to https://github.com/NRFredrik/cs414-f17-301-TeamTheBestTeam
2. Clone the repository
3. Open Eclipse
4. Navigate to the Git Repositories view that you added with **Get Git tools in Eclipse #1**
5. Choose clone a repository
6. Enter the info cloned from **Set up GitHub Repo in Eclipse#1**
7. Make sure the directory that the git is being set up in is the same as your eclipse workspace
8. Finish

Create your Local Instance of the Project
1. Create a new Java project in the same workspace that the git repo that you cloned is in.
2. Name that project EXACTLY cs414-f17-301-TeamTheBestTeam

3. To make sure up to date, right-click the project, Team > Pull to pull down most up to date code from repo

To run Rollerball
1. First you need to run Server to start the server that will allow multi player
2. Next you will run ClientTable. This will bring up a log in.
3. Login with the credentials of one of the users that was brought into the database with the dump file. Or register a new user and login with that user.
4. Run ClientTable again. Again log in with a different user than the first.
5. With either user select Invite User
6. Select the other user from the drop box to invite to a game.
7. Accept invite with invited user to begin game.
8. User that sent the invite is White and goes first.