

## Development Manual

**Prerequisite:** In order to run this project on your machine you must have java installed. To test this run the following:

```
$ java -showversion
```

You should see something like this:

```
$ java version "1.8.0_25"  
Java(TM) SE Runtime Environment (build 1.8.0_25-b17)  
Java HotSpot(TM) 64-Bit Server VM (build 25.25-b02, mixed mode)
```

## Getting Started

Project files are located in `src/`

Reference documents located in `documents/`

### Tests

To run tests, either run manually with:

*(optional build)*

```
$ javac -classpath ./lib/junit-4.12.jar -d build \  
src/src/edu/colostate/cs/cs414/tba/gymmanagement*.java
```

*Move to build directory:*

```
$ cd build
```

*Run:*

```
$ java -cp ../lib/junit-4.12.jar:../lib/hamcrest-core-1.3.jar:. \  
org.junit.runner.JUnitCore \  
edu.colostate.cs.cs414.tba.gymmanagement.TestAll
```

Or, using make with:

```
$ make test
```

Or, using ant with:

```
$ ant
```

*You can also run the test from within eclipse. Run the TestAll.java file.*

## Command Line

To run the project and see the CLI interface, run:

*(optional build)*

```
$ javac -classpath ./lib/junit-4.12.jar -d build \
src/src/edu/colostate/cs/cs414/tba/gymmanagement*.java
```

*Move to build directory:*

```
$ cd build
```

*Run:*

```
$ java -cp . edu.colostate.cs.cs414.tba.application.GymSystem
```

Log in as admin to start:

```
Username: admin
```

```
Password: admin
```

Run the help command to see a list of available commands.

```
help
```



