**Team Yellow: Load.In**

**Weekly Development Report # 4**

**Performance Period:** 2/9/2021 – 2/15/2021

1. **Group Accomplishments:** 
   * **Meetings**
     1. **2/11/2021**
        1. Discussed plan for the prototype for weekend.
     2. **2/13/2021-2/15/2021**
        1. Collaborative development efforts toward sprint 1 objectives
        2. Major accomplishments
           1. DB

DB container created.

DB loading of tables with schema and data.

Gradle build for DB.

* + - * 1. Web-API

Established web API using apache CXF.

Build scripts with gradle.

Connected web API to database and got data exchange in both directions.

* + - * 1. Android

Established android app.

Connected it to web-API.

Established data exchange with web-API in both directions.

1. **Individual Contributions/Accomplishments:** 
   * **Byron**
     1. Setup web-API.
     2. Setup gradle build scripts.
     3. Setup common library.
     4. Setup client side (android app) to communicate with web-API layer.
     5. Created box service and user service and connected them to database.
     6. Created build scripts for gradle for common and web-API.
   * **Jason**
     1. Dev environment setup.
     2. Setup Local Database environment with Lance.
     3. Created Splash Screen.
     4. Created Box Input UI.
     5. Created Basic (empty) screens for Load Plan, Move Inventory and Tips & Tricks.
     6. Worked on Lab 1 v2 edits.
     7. Worked on Lab 2.
   * **Lance**
     1. Finished the database container in docker.
     2. Added few more database tables and linked them.
     3. Helped everyone connect to the database.
     4. Cried a little when looking at lab 1 one feedback.
   * **Greg**
     1. Helped work on setting up communication between the Android App and the web-API.
     2. Research into using Retrofit 2 for HTTP connections from the app.
     3. Began working on grammatical changes to Lab 1.
   * **Chris**
     1. Created strings and colors for app UI.
     2. Created toolbar UI for navigation through app.
     3. Created registration screen for user registration.
   * Paul
     1. Worked on Lab 1 V2 Edits.
     2. Corrected team glossary with grammar specialist comments.
     3. Corrected team references with grammar specialist comments.
     4. Researched hashing and best practices for user authentication between services.
2. **Issues/Concerns:**
   * Too much death wish coffee?