**Team Yellow: Load.In**

**Weekly Development Report # 6**

**Performance Period:** 2/23/2021 – 3/1/2021

1. **Group Accomplishments:** 
   * **Meetings**
     1. **2/25/2021**
        1. Talked about plan for weekend work efforts
        2. Reviewed OpenGL work
        3. Reviewed team progress
     2. **2/27/2021**
        1. Meeting to flush out outline of lab 2 sections 1-3
        2. Reviewed papers for Lab 1 v2
     3. **3/1/2021**
        1. Meeting with Lowell
        2. Demoed the current OpenGL progress
        3. Discussed load plan algorithm
        4. Discussed expert tips
2. **Individual Contributions/Accomplishments:** 
   * **Byron**
     1. Continued work on OpenGL
     2. Created truck rendering object
     3. Created routines and methods for rendering text onto a bitmap and then mapping as a texture
     4. Created more shader programs to handle textures
     5. Created camera class that is capable of manipulating point of view
     6. Created methods to move camera around in the world and place camera at different locations
   * **Jason**
     1. Implementation 2D Bin Packing Algorithm
     2. Continued implementation of infrastructure to hook Load Plan Generation in to rest of app
     3. Lab 1 v2 Refinements
     4. Lab 2 Individual Refinements
     5. Lab 2 Outline Group Discussions
   * **Lance**
     1. Implemented the expert tips algorithm as a proof of concept.
     2. Met with Chris and Greg on getting move inventory to insert into the DB.
     3. Added additional tables based on the group’s needs.
     4. Made revisions to lab one.
   * **Greg**
     1. Met with Chris and Lance to discuss setting up inventory in the database
     2. Looked at how to handle changes made to move inventory and how to send those changes back to the database correctly
     3. Made revisions on lab 1
   * **Chris**
     1. Set up the move inventory to send add new items and send them to the web API
     2. Met with Greg and Lance on making sure the inventory items updated the DB correctly
     3. Revised lab 1
     4. Revised UI for load inventory
     5. User Registration app activity connect to web API and DB
   * **Paul**
     1. Lab one revisions
     2. Lab 2 individual requirement
     3. Lab 2 Section 3 group discussion
     4. Lab 2 Sections 1 & 2 group discussion
     5. Worked with Lance on continued expert tips implementation
3. **Issues/Concerns:**
   * None at this time