Mia Skinner

Heather Koo

CIS41B

Final Project Plan

1. **Show ONE instance of data** that you will use, with ALL fields:

JSON

{

"csd\_date\_wid" : 16649,

"date\_wid" : 16649,

"cbd\_date\_wid" : 16679,

"customer\_wid" : 1773,

"mkt\_item\_wid" : 13744,

"cust\_book\_date" : "2015-08-31T07:00:00Z",

"cust\_ship\_date" : "2015-08-01T07:00:00Z",

"order\_number" : "SO4660",

"quantity" : 1.00

}

2. **Show the size of your data set**: how many data records will you work with?

Currently 87,163 rows.

**3. GUI structure**

Please see GUI design diagram attached at end.

**4. Project Task Assignments**

Mia:

1. GUI
2. DB (historical orders data)

Heather:

1. Visualization/Chart
2. DB (saved forecast results/model)

Both:

1. Predictive modeling engine
   1. Learn linear regression/other theories for modeling
   2. Numpy/Learn Pandas?
   3. Calculate accuracy %
   4. Generate & save forecasts based on user input

