

## Software Criteria:

### Primary Requirements:

- Software is locked by username and password, with individual logins for customers and administrators
- Software shows package locations on a map
- Software provides accurate, time sensitive information on package location and tracking
- Package information for all available packages is shown when an administrator account is logged in and for packages a user has access to when they log in
- Required information (In common/familiar units):
  - Estimated arrival date
  - Latitude and longitude
  - Country, State, City, and/or nearby street address
- Customer must enter a package UUID to access its GPS information

### Secondary Requirements:

- Software stores each customer's available UUID's on the database, and
- Additional package information options:
  - Package information previously attached by the customer, which can be updated at anytime by the customer
  - elapsed time since order was placed
- Automatically shows information on those packages when the customer logs in
- Relative information is accessible to users with the UUID's for both packages
- Trails or previous positions for a package are available in an alternate view
- predicted route to destination
- +based on Dijkstra's algorithm (Stretch goal)

### Quality control criteria:

- Interface is user-friendly and readable
- Important information is available at a glance
- Administrator mode allows users to easily manage large numbers of packages at once