

### **Show Delivery map in product detail page**

- Shows the position of truck and destination on a cartesian map
- Map is fully interactive, hover over to obtain the exact coordinate of the truck/destination, able to enlarge & scroll freely
- Backend will send query to world simulator to update the truck location regularly
- Calculates the distance between truck and destination and gives an estimate time for delivery accordingly

### **Show tracking history in product detail page**

- Using an additional “history” database: whenever an action is completed for a package, write the corresponding message into the history database
- Come with a time stamp, so that the client may know the time of completion of the package
- Client able know what stage their package is currently at

### **User-friendly Interface and data representation**

- Navbar used for quick navigation through the website and display of login information
- If the user is logged in, display user’s name and logged in specific action
- If user is not logged in, display login and register option
- Data displayed using well-labeled,neatly formatted table
- Well-decorated homepage and login page
- Webpage adapted to mobile display(different layout for mobile version)

### **User able to edit profile and reset password**

- User able to make edit to their info(email) at user-profile page
- User able to request password reset at login page
- User able to change their password when logged in

### **Email Notifications**

- When a user requests password reset, an email will be sent containing their password reset link

### **User Security**

- The User’s password is stored as a 128 bytes string using PBKDF2.
- Password are hashed and SALT is automatically generated to guard against possible attack
- All data are stored in a remote, industry level database for maximum security and stability and ease of recovery