Inspect Route (by Nicholas Hall)

Base Case:

The system displays the Main page. The user clicks the Routes button. The system displays the Inspect Route page with the Route List from the Cloud Database. The user selects a Route from the Route List and clicks the Inspect Route button. The system gets Addresses in the Route. The system then gets the total distance that the Route covers. The system then connects to a online weather source and gets the predicted weather patterns on the Route. The system then displays a map of the Route and a time estimate on how long the Route will take. The user clicks either the Edit Route button which invokes the Add/Edit Route use case or clicks Close Inspect Route button. The system then gets the Route List from the Cloud Database and displays the list on the Inspect Route page.

Alternate Case:

The user does not select an Active Route before clicking inspect route button: the system displays an Error page with the message "no route selected". The system gets the Route List from the Cloud Database and displays the list on the Route page.

The user is not logged in when the inspect route button is clicked: The system invokes the Login use case. The system then gets the Route List from the Cloud Database and displays the list on the Inspect Route page.

GUI