

- Avoiding car traffic
 - Persona: Allison Ashford, Communications Major
 - User Story: As a Durham resident, I want to avoid heavy traffic on roads during class times and events
 - Detailed Description:
 - User needs: Wants to be able to avoid traffic
 - User needs: Wants to find quickest route without traffic
 - User requirements: Easy to read user interface with understandable directions.
 - Steps:
 - Open web app
 - App shows campus area
 - Input car toggle
 - Choose between walk/bus/car
 - Options shown by boxes
 - New form shown after clicking travel medium
 - Input destination(parking lot) via dropdown or clicking on map and time of arrival
 - Dropdown shows parking lots(possibly show likelihood of lot being full)
 - Can select buildings as well, app will calculate closest lot
 - time of day will be used to calculate traffic
 - time of day pulls down data based on previous student experiences
 - User clicks submit, form disappears and map is shown
 - Read outputted routes oriented around campus map based on time of day
 - Routes are placed on map
 - Routes labeled with attributes/user can have preferences set
 - Select route based on fastest/easiest/least traffic/etc
 - User can click route based on preferred attributes
 - User clicks go

