Word allows for conversion to pdf

General Overview of the system, small user guide:

Search

* Enter a maximum of three keywords, separated with a space.
* If there is a ride of your choice, enter the rno. If not enter next to see the next five. If its empty, you can exit using exit.

Offer a Ride

* Enter the number of seats
* Enter the price per seat
* Enter a luggage description
* Search for a destination and source (from and to)
* Hit y and you can add a car number if you have a car added in the system
* If you want enroute destinations, enter y and you can search for a location with the same system for the destination and source locations. If you want to keep adding more, keep hitting y when prompted.

Detailed design of software, focus on components required to deliver the major functions:

Logged in Options

* offer: Lets the user offer a ride with the given date, number of seats, price per seat, luggage description, source location, destination location, optional cno and optional enroute locations.
* search: Lets the user search for a ride given 3 keywords maximum. If they find a ride that they like, they can message the ride driver through the system.

Testing strategy:

Offers

* Entered an invalid date, entered a negative price, entered negative seats, entered a longer than expected luggage description.

Search

* Entered no keywords, entered more than two keywords, entered a keyword with a nonexistent ride, tested a keyword with one ride, tested three keywords for a specific ride.

Group work break down:

Thomas

* Offering rides, searching for rides, getting a location from a keyword.