This is prep for gantt chart:

(this will also help to create a big picture idea of what all is going into the project)

Areas of project:

1. Report
2. Expense Chart
3. Gantt Chart
4. Graphical User Interface
5. Proximity Sensors
6. Cameras
7. On Board Diagnostics
8. Display

Areas of Project in detail:

1. Report
   1. Pictures
   2. Diagrams
   3. Technical paragraphs
   4. Formal structure
2. Expense Chart
   1. Purchases
   2. Monetary contributions
   3. Refunds
   4. Stuff left to order
   5. Clean layout
3. Gantt Chart
   1. Updated timeline
   2. Parallel tasks (ie all pieces developed at the same time by different ppl)
4. Graphical User Interface
   1. Inputs
   2. Outputs
   3. User response/understanding
   4. Look and feel
5. Proximity Sensors
   1. Housing
      1. Check dimensions
      2. Print
      3. Assemble
   2. AT Tiny and pcb
      1. Solder/assemble/program
   3. Develop plan for connection to PI or to LEDs
6. Cameras
   1. Housing
   2. Connection to truck (need to order magnet)
   3. Length of wires to run to central mux/screen
7. On Board Diagnostics
   1. Look into PI OBD API
   2. Figure out how to receive data with PI 3
   3. Figure out what pieces of the data are not encrypted
   4. Build general data set that can be expected from most cars
   5. ++how to tell make and model of the car?
8. Display
   1. Housing
   2. Buttons
   3. LEDS
   4. 3D print