# Case Study 1

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| Name | Cell | Alt Phone | Email1 | Email2 |
| Claudia Woodruff | 817-800-9293 | 817-281-3840 | woodruffc@smu.edu | claudia\_woodruff@yahoo.com |
| Jeff Weltman | 469-605-0387 |  | jweltman@smu.edu |  |

NOT STARTED --> IN PROGRESS --> COMPLETE (Grade ‘B’) --> COMPLETE(Final)

## Data Gathering and Storage

1. Storing files on Github – set up new Repo named **StarsStripesAndBeer**.
   1. Initial *Readme*
   2. Codebook
   3. TODO: Final report Doc, html, whatever we decide. (Maybe put this in Presentation folder?)

## Analysis and Results

1. Create Folder “**Analysis**”
   1. Makefile?
   2. *Readme*
      1. What’s in the folder
      2. (any hypotheses formed from initial analysis)
   3. Create Folder “Raw” to put untouched raw data files
      1. *Readme*
         1. where we got it,
         2. where it came from,
         3. how it’s structured
      2. Upload the raw data files
   4. Create Folder “Data”
      1. *Readme*
         1. What is in the folder
      2. Tidy/Clean Data File (from the raw file)
         1. *?? Question - (Do we need? All we had to do is rename a column.)*
      3. Tidy/Clean Merged File
   5. Analysis R files
      1. Created analysis.r – 90% of which is code Jeff wrote. (It may be complete now, if you like the idea of separating out the plotting into a separate r script.)
      2. I started a separate R file, just to keep things modular, which is for plotting. I don’t see how a bar chart is useful (but let’s discuss and ask Dr. T for clarification.) Trying various other types of (ggplot2) plots/graphics.

## Presenting

1. Create Folder “**Presentation**”
   1. Rmarkdown1 – html output (I think html is mandatory, since it is the out-type we’ve been required to produce so far.
   2. Rmarkdown2 - (Doc? Slide? (if we have time, maybe doc or slide?)