Dr. Estes Grading System:

Features:

* Grade Recording
  + Input Checks and Homeworks
  + Input Attempts
* Grades Reports
  + Comment/note options
  + Option:
    - Auto-Emails
      * Have pre-collected emails and student information (UPDATE WE HAVE CSV FILE)
      * Send mass grade-reports (individualized) with push of a button
* Applicable Grade Scales
  + Grading scale must reflect currently inputted grades, not grades from full semester, other everyone would be failing always.
  + Be able to add or remove students from roster with system
* Alter Grading Calculations
  + Be able to add or subtract to grading criteria throughout semester easily.

Logistics Per Feature:

* FrontEnd:
  + (Optional) Create a local interface for navigation between all EXE and PY/C files
  + Include regexes for searching between current classes and grades, etc.
  + Make sure interface is simple enough to not be confusing
  + Make sure user can look at individual and overall grades for a class
  + Include analysis
* Front end search engine:
  + Be able to search any student, grade, or assignment and fine information based on search
* Grade Recording EXE or PY file:
  + Completely backend no API required easiest on the lists
  + Connect to excel
* Sending Grade reports:
  + Adding comments is no sweat…
  + Need to have some sort of connection to roster and student email addresses for this to be fully automated (or download mock roster
  + Need to change personal email settings to allow developer connections
  + Connect to excel pivot for grade report sending
* Applicable grade scales:
  + Create system that has to be initialized with different metrics and grade names, thus each system operates different but with different metrics
  + Must be able to revamp or redo any current system’s grading metric from a SETUP.PY file (example)
  + Must be able to omit different information and system still works for any style of class
  + Able to connect different to excel files from code at any given point

Methods of Collaboration:

* Teams
* GitHub