Final Project Proposal
Gradebook

Our project will execute the functions of a Gradebook website. It will allow three types of users--Teachers, Students, and Parents--to log in and interact with a range of functions specific to their account type.

Student Account Attributes
First Name
Middle Initial
Last Name
Student ID
Sex
Birth Date
Age (if month and date of Birth Date before current month and date then subtract …)
Graduating Year
Current Teacher List
Email

Student Account Functions
View Assignment Grades:
    -Homework
    -Tests
    -Quizzes
    -Projects
Input desired average and calculate grade needed on next assignment for desired average
        -type of Assignment may be specified
Comment on assigned Assignments
Email Teacher

Teacher Account Attributes
First Name
Middle Initial
Last Name
Class List
    -Each class contains list of students

Email

Teacher Account Functions
Input Grades for Students
Calculate Class Mean on specified Assignment
Calculate Class Median on specified Assignment
Calculate Class Standard Deviation on specified Assignment
Adjust Class mean and standard deviation on specified Assignment to inputted mean and standard deviation
View Histogram of grades on specified Assignment
Assign Assignments
Grade Assignments
Email Student/Email Classes
Comment on individual Assignment grade

Parent Account Attributes
Child First Name
Child Middle Initial
Child Last Name
Parent First Name
Parent Middle Initial
Parent Last Name
Email

Parent Account Functions
View Student Grades--all will be 100s :)