Project dependencies:

React

Node.js

Socket.io

Express

Javascript

mySQL

Project descriptions:

STRMP (Student Teacher Relationship Management Platform)

We will be developing a website platform that facilitates a classroom environment, where the teacher can post assignments, grades, and attendance etc. Students and teachers can interact and communicate easier with our platform.

1. React works (20pts)
   1. Students can look at assignments (5pts)
   2. Students can look at grades (5pts)
   3. Students can freely chat (5pts)
   4. Students can view class schedule (5pts)
2. Node.js / Socket.io (30pts)
   1. Student and teachers can send direct messages to each other (10pts)
   2. Teachers can make announcements to entire class (10pts)
   3. Students can chat in class chatroom (10pts)
3. Javascript, mySQL (30pts)
   1. Teachers are able to create accounts (5pts)
   2. Students are able to create accounts (5pts)
   3. Teachers can create classes (4pts)
   4. Students can join classes with class code (3pts)
   5. Students and teachers can view class roster (3pts)
   6. Dashboard displays student information (4pts)
   7. Student and teacher information is sensitive to privacy, students cannot view other people’s info, grades etc. (6pts)
4. Best Practices (10 pts)
   1. HTML page passes W3C validator (2pts)
   2. Code is well formatted (2pts)
   3. Site is intuitive and easy to use (4pts)
   4. Site visually appealing (2pts)
5. Creative Portion (10pts)
   1. Grades can be displayed graphically (10pts)
6. Rubric (5pts)

Approved by Jordie Chisam 11/14