Teacher Social Media Flex app

*For Inventory Supervisors*

*Mitchell Mccasland – Full Stack Flex Program*

1. *Give a brief overview of what your app is:*

* My app would be a social media-like network for teachers to easily obtain resources. Teachers can get information on the website resources, videos, worksheets, and other materials to benefit them in the classroom. Teachers could leave comments about resources to leave feedback if the help was beneficial or not. Teachers can also share the information they find with their colleagues.

1. *Describe the business problem your app solves:*

* Teachers spend a lot of their time planning. A lot of the time this planning takes place during their own time when they are not paid. Most of this unpaid time is spent looking for resources. This app would work to cut down on that time. Instead of spending hours going on Google looking for resources, especially to find out it is not free. Teachers can comment on resources leave their own feedback, share the resources they like with one another, and favorite them.

1. *What APIs, IF ANY, do you plan to use? Please list the API and what feature it ties to:*

* Khan Academy API for resources on science and math.

1. *What is your project's TECHNICAL wow factor? You need your project to stand out in some way. If you imagine presenting your project in an interview, what is the feature of your project you will be the most excited to talk about? That is your wow factor.*

* The wow factor would be the ability to save the information by subject and even concept by subject. The user will be able to build a database of information based on the subject they are looking for resources on.

# TECHNOLOGIES

* Front End
  + HTML, CSS, JavaScript
  + React.js, JSX, Axios, React-Router, Khan Academy API
* Back End
  + Python, Relational Database
  + Django REST, MySQL

# USER STORIES

**Unweighted: / 55 points**

**Weighted: /200 points**

**Capstone Total:**

**Weighted points + /50 points (presentation) + /25 points (UI Prototype & API ERD)**

*Teacher Stories ----*

( /5 points ) As a teacher, I want to be able to create, update, and delete my own additional resources, so that all my resources are in one location.

( /5 points ) As a teacher, I want to be able to search for a specific resource and filter the listing of resources to just the one that I am looking for. (Khan Academy API)

( /5 points ) As a teacher, I want to be able to see a listing of other teachers on the application and add them to a “friends” list.

( /5 points ) As a teacher, I want to be able to see a listing of posted resources on a “feed”, but only from teachers who I am friends with.

( /5 points total) As a teacher, I want to be able to favorite discovered resources to collections labeled by **subject**.

* A collection can be added, deleted, and updated directly in the application.
* If a collection a resource is being added to doesn’t exist, one will be created.

( /7.5 points ) As a teacher, I want to be able to share resources with other teachers I am friends with to help with better collaboration.

( /5 points ) As a teacher, I want to be able to leave comments on individual resources to provide feedback to other teachers I how to feel that resource helped, but only if that resource has been shared with me.

( /7.5 points ) As a teacher, I want to be able to rate resources (1-5) with a star system so that other teachers can view how a resource is rated.

*Developer Stories ----*

( /10 points ) As a developer, I want to have an aesthetically pleasing and intuitive user interface (UI) with all features of the application stylized so that my end users will have an enjoyable experience.

* (*CSS, Bootstrap, Material UI, etc.)*