Abstract
The goal of our project was to refine usage and correct errors on a platform that links students and parents to tutors. The proceeds from the completed platform will go to help the spouses of US Military service people find well-paying jobs, in addition to helping the children of these families obtain quality tutoring. Thus, creating a synergistic environment for all parties to benefit. We were given a list of tasks that involved correcting errors and adding additional information to the platform. Our team's solution was to divide up the list of tasks amongst members and work to create a better version of the application.

Results
Teach4Service is a web-based application to facilitate the searching and hiring of tutors. The application allows users to register themselves as either students, free agent tutors, or parents managing a number of students. Students may then use the application to search for, and set up appointments with tutors and even attend tutoring sessions all within the app.

Devops Framework
- Migrated application to a dedicated AWS server for each stage of the dev-ops cycle for seamless testing, production and integration.

Database Changes
- Added a middle name to the database
- Added a suffix to the database
- Added rating metrics for student and tutor reviews

User Interface Changes
- The flow of user interaction after logging into the website.
- Cleaner forms and user input across the website.
- Added international regions/states options.
- Combined admin and user credentials into a single login

Backend Changes
- Fixed data storage errors that resulted in invalid data.

Miscellaneous Changes
- Implemented a modal rating system for student/tutor reviews
- Maintained consistency in the admin page by reloading to the correct screen

Impact
Our project's impact is the facilitation of a connection between tutors and students by creating an online web based platform with easy access. The Teach4Service application allows students, parents, and teachers from all over the globe easy access to a video conference session with a built-in scheduling tool. This allows for easy and safe lines of communication between all parties.

Tutors
- Not constrained by location and can work remotely
- Creates a source of work for military spouses that would otherwise have none due to frequent moves

Students
- Quick access to tutoring at any time
- Easy online access from School, Library, or Home
- Subsidized cost for children of low income or military families

Parent
- Unified location for the whole family
- Able to research tutors by their reviews
- Can schedule sessions for their children

Metrics
We completed 38/63 hit list tasks successfully which equates to about a 60% completion.

Summary
During this semester, our team worked on the improvement of an online tutoring application that will help students everywhere have access to tutoring sessions. We worked on a list of tasks given by the company that included fixes and new functionality that was next to be implemented. We created more user-friendly functionalities for the user and validated inputs given by users, and eliminated any errors we found along the way.