Team Name	Student Integrated Tracking Environment (site)
Members	Katie Younglove, Derek Tran, Ethan Ward, Tanner O'Rourke, Maxwell Wenzel
Description	The goal of our project is to develop a functional and scalable web application that offers consistency and transparency to the current support system in CSEL. The finished product will make it easy to see when CA's and TA's are present in CSEL during their respective shifts. In addition, the user interface will be quick and easy to use. The database system will consist of three different types of users including students, CA's & TA's, and professors. The hierarchy of the user system will be as follows. Students may see CA and TA attendance records and possibly a rating based on their attendance and teaching methods. CA's and TA's will have access to their own customizable profiles, and professors will have access to all of the above. Users will have the ability to sign in and see their respective TA and CA schedules. All users will be able to see their attendance records.
Vision Statement	To develop a scalable web application in order to make the process of finding CA's and TA's more convenient for CU Boulder Students.
Motivation	It is currently very difficult to find TA's or CA's in CSEL due to people not showing up without any notice beforehand
Risks	1. Technical issues with a BuffOne Card sign-in process. 2. Legal issues with profile photos for CA's & TA's. 3. CA & TA sign-in difficulty. 4. Incorrect scheduling. 5. Application is not convenient to use. 6. Malicious user rating reviews.
Risk Mitigation	1. Develop a database system that allows sign in and registration access without requiring a BuffOne card. 2. Make profile photos optional, consult professors and school. Encourage posting location when signing into office hours 3. Use SQL to ensure our we can connect to our database properly with HTMl id's. Ensure thorough testing when testing a prototype to make sure it happens extremely rarely 4. Three different types of users: Professors, CA's/TA's, and students. Professors would implement emails, hours, etc. CA's/TA's would be able to update times and check in. Students would only be able to see and check on CA's/TA's 5. Have people look at application and concepts before a prototype. Then get feedback after testing prototype, incorporate into application to improve 6. Have it only so that the professor can see the reviews or give users a limit of reviews in a time period
Version Control	For version control we will use a Github repository. https://github.com/Max-Wenzel/site_repo
Development Method	Agile method The Agile methodology focuses on incremental progress using short "sprints" of development. It focuses on communication and collaboration between team members. We will be using the short adaptive cycles to create our website features.
Collaboration Tool	Slack, GroupMe, Group Text, Google Docs
Proposed Architecture	**Front-End:** HTML and CSS will be used for designing the webpage and implementing the UI. Javascript and Bootstrap may also be potentially used for more advanced visuals/design. **Back-End:** Back end will consist of a Seperate Database System built on SQL. The back and front end will be linked with java