

Milestone One

Team: Team Trio

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Description

Team Trio would like to use this assignment as an opportunity to expand each of our members knowledge of HTML, CSS, Javascript, Git and SQL. To accomplish our goal we have decided to make an online application that will act as a Yelp for Boulder Students.

Our application will list reviews covering a wide variety of topics such as classes, instructors, clubs, and locations on CU campus. Our platform will be an incredibly useful tool for incoming freshman as well as current students, allowing users look up reviews for classes at CU. Team Trio's end goal is to develop an interactive application for CU students to connect and share information about their college experiences.

Vision statement : Revolutionize the CU student's experience by allowing them to connect and share their perspective on various topics

What are the known risks that may prevent your team from completing this project on time. Risks could include: the working environment, lack of experience of the team in the area of focus, lack of access to a specific resource, etc

Risks : One major risk at this given time is our team's lack of members. At the moment we are a small group of three with the potential of one more person. This set back could run the risk of our group either not finishing on time or not fully completing our goal. Another risk is our lack of experience with websites. There is no one in our group who has ever fully built a website and we all have a fairly similar skill set. This could be a problem due to the fact that a website requires a grasp on many different topics I.e front-end and back-end development, database experience, etc. that we will have to obtain a better understanding of.

Risk Mitigation : Although there is no clear way to solve our groups lack of members dilemma, there are ways we can make the best out the situation. We have intentionally set up our project in a way that will allow our group to scale back our end result in order to meet the requirements that would be expected of three people. To address the lack

of experience risk, our team members have decided to treat this project as an opportunity to learn about topics we may have little or no knowledge on. Some current resources we have are tutorials on codecademy and an in depth course on Udemy. Our group plans to utilize the extensive teaching resources available to us through the CU and the internet to accomplish our goal.

Development Method: We chose to use the Agile Development methodology, specifically the software Jira. We will choose to work in sprints, the duration of those sprints is unknown, but later in the project we will choose an appropriate amount of time for each sprint. We will create a backlog of items that need to be completed, and add them to different sprints as needed.

Collaboration tools: Our group will mostly be utilizing the groupchat part of iMessage. In the future if Slack becomes something we see needed, we will move to there. We obviously will also be collaborating through Github with our code.

Proposed Architecture: Our front end architecture will consist of an HTML and CSS website using bootstrap. Our backend will be in SQL with django framework.