1. Team number: 2

2. Team name: MapBoulder

3. Team member details:

Name:	Github:	Email:
John Mathews	jmmathewsiii	joma6354@colorado.edu
Luc Iñaki Palacios	Lipikan-0	lupa6264@colorado.edu
Isabelle Lindfors	EpochAncientEnigma	isli2136@colorado.edu
Eddie Strand	eddies410	edst4577@colorado.edu
Parth Chudappa	ParthChudappa	pach7325@colorado.edu
Josh Kim	joshmkim	joshmyeongkim@gmail.co

4. Application Name: WalkBoulder

5. Application description:

Our app will act as an enhanced Google Maps for the city of Boulder, specifically for walking, biking, and public transportation. We plan to incorporate user feedback/reviews to give ratings to different trails/areas across Boulder. We also plan to incorporate data from external APIs, but by using user feedback we can make our ratings specific and personable to the Boulder area.

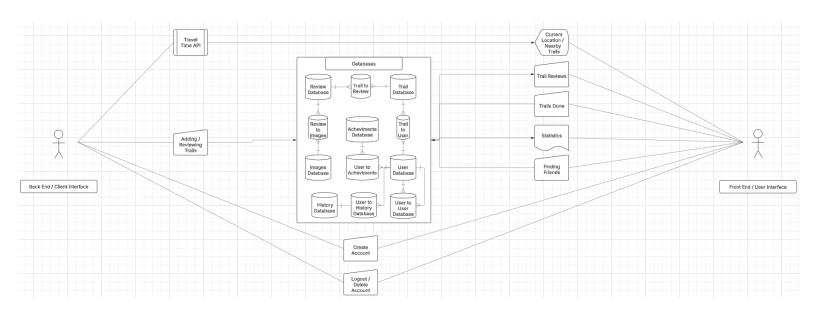
Users will be able to search for specific locations around the city and learn about the walkability, bikeability, public transportation, and nearby attractions in that part of town. They will also be able to publish reviews for different locations and interact with other users via a "friends/followers" system.

Other key functionalities of the website include: user reviews of trails that are displayed on the map, "route scores", group trips, and a user reward system based on the number of reviews they have posted. Our primary goal is to implement a map that is valuable to locals who love walking.

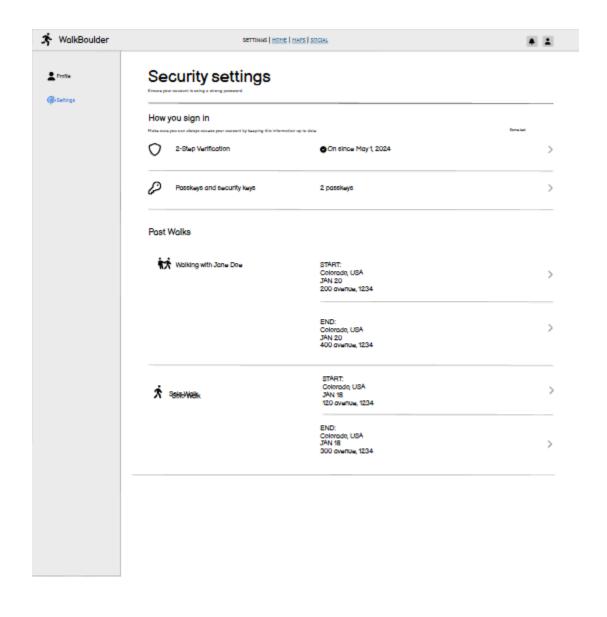
In our project, our main screen will be the 'maps' page that allows for users to create routes to different areas with scores allocated to that route. Features like user reviews that contribute to these scores and a settings page are secondary, but essential for our project as well. Features like group routes and rewards are things we plan to incorporate and things we believe will enhance the user experience but are not essential features.

- 6. Boulder residents will be the primary users of the application, though visitors to the city will also find it useful. The app will help people in the city of Boulder find efficient routes in the city and in the greater area, should time allow for further development. Users will primarily interact with the map, though, searching for routes and locations by Walk Score, Bike Score, and other parameters that WalkScore API or other APIs (such as Google Maps) would support.
- 7. WalkBoulder is a fitness/web-mapping hybrid application that can be used by any Boulder local using modes of transportation other than their cars. WalkBoulder is free and for residents who want a more walkable city. Unlike Google Maps, WalkBoulder is interactive and tailored specifically toward Boulder residents, with reviews and suggestions from seasoned locals.
- 8. https://github.com/joshmkim/walkboulder

- 9. Development Methodology: We will use monday.com to schedule our development plan and delegate tasks. We will use a GitHub project board to list out tasks, with columns like "ready to start", "in progress", "stuck", etc. We are also using text messages and Discord to communicate with each other in order to accommodate any unexpected schedule conflicts. We currently have scheduled group meetings on Monday at 7:30 pm, Wednesday at 5:00 pm and Saturday at 1:00 pm on Discord these meetings are subject to change depending on personal schedule conflicts; hence the multiple meetings to give multiple chances to meet up during the week.
- 10. Communication: We have created a Discord server for messaging one another throughout the duration of this project. This server will be our primary means of online communication and we will use the chat to notify teammates about pull requests needing to be reviewed, group debugging, etc.
- 11. Meeting Plan: 1:00-1:15 PM, Monday, March 17 meet.google.com/bhk-cdzd-ajx
- 12. Use Case Diagram: Link (3/20 model below)



13. Wireframes: (3/20 model below)



WALK BOULDER

WelkBruider in a finance web mapping hybrid application that can be used by any Bruider incolluring modes of transportation other than their cans. WelkBruider in free and for revolunts who want a more validable of y Unifice Google Mappy, VioleBruider in interactive and colored specifically inverd Bruider revolunts, with reviews and reggestrons from reported recall.

Find Trails



Trail 1

ar deliver of the previous regressed plays traps while while you desired the production was depart about an outside or comment of the second production and the comment of the comment of



ά

Trail 2

The first risks for the property of the control of

cert ofer tree tree of fortunes in principal control of the cert fortune of the certain of the c

AN ADMINISTRAÇÃO DE CONTROL CONTROL AND ADMINISTRAÇÃO DE CONTROL DE CONTROL AND ADMINISTRAÇÃO DE CONTROL DE CO





Trail 3

MET AND THE DE CONTROL OF CONTROL OT CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL OF CONTROL

AN APPRINT OF AN APPRINTED PROTECTION AND ARTHUR AND APPRINTED THE APPRINTED AND APPRINTED APPRINTED AND APPRINTED AND APPRINTED APPRINTED AND APPRINTED APPRI



