





scuuber

CSCI 3308 014-2 Final Project

By Ryan Foley, Artem Yatsenko, Harley Ewert, Sarah Bian, Andrey Lototskiy

VISION:



MARKET RESEARCH:

- People, especially CU Boulder students, absolutely love to ski.
 - often to the detriment of our wallets
 - and our knees
 - and our software development homework
- But dang... wouldn't it be nice to rideshare?

Introducing...



Hit the slopes by scheduling rides with friends through
Scuuber, your go-to skiing rideshare app!

[Get Started](#)



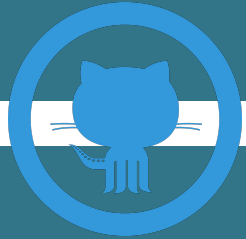
Hit the slopes by scheduling rides with friends through
Scuuber, your go-to skiing rideshare app!

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Features:

- Great way to manage all your ski trips with friends in one place
- Allows you to connect with other skiers going to the same slopes
- Google calendar, facebook and a weather app all-in-one

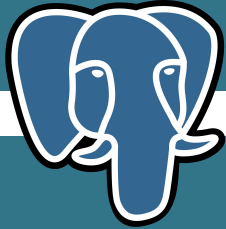
Tools Used:



GitHub



Housed all the code branches and allowed team members to merge changes to the application



PostgreSQL



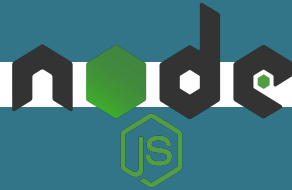
Utilized to create the database holding user, friend, and event information



VSCode



Was the development environment used by all team members to create and test code



NodeJS



Weaponized by the team to make killer API calls and slayed in implementing functionality of the site



Azure



Hosted the website on a live server on the cloud for all users to use



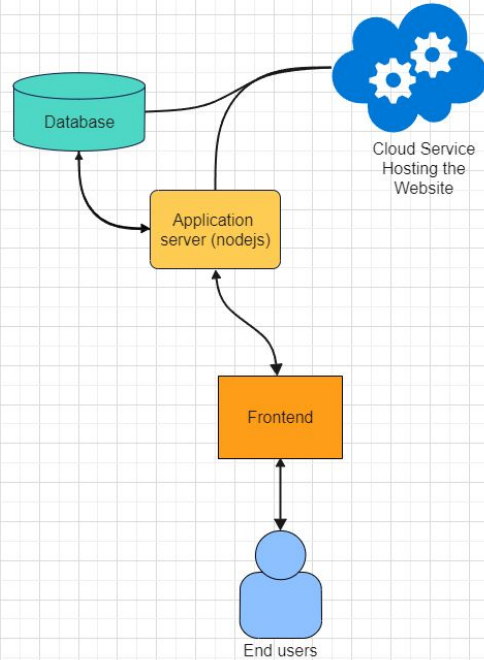
Weather API



Was the external API used to generate weather reports for events

Additional Tools: *HTML, CSS, Javascript*

Architecture Diagram:



Challenges:

- Friends List:
 - had to implement a very complex “friend request”, “friend request acceptance”, “friend request denial”, “friend list” set of API requests.
- Calendar Event Functionalities:
 - creating, modifying, and deleting events was a complicated journey
 - had to create two calendars, both personal and friends, with distinctions for both
- External Weather API:
 - would often encounter bugs whenever merge conflicts occurred
 - icon on top of event API would often malfunction and throw errors

But... we did overcome all of these challenges!

Project Demo:



recitation-14-team-02.eastus.cloudapp.azure.com:3000



Happy Skiing!

*From Ryan Foley, Artem Yatsenko, Harley Ewert,
Sarah Bian, Andrey Lototskiy*



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Introduction to Ski Trips

- From our market research, we found that
 - When people ski, they often want to ride share
 - People plan ski trips ahead by a few days

It's hard to plan ski trips!

- People want their ski trip information to be in one place
- The ski trip depends on weather conditions
- A specialized calendar for ski trips could show all of this




Scuuber

- Scuuber is a great way to manage all your ski trips with friends in one place
- Google calendar, facebook and a weather app all-in-one!

Feature of scuuber: Create and share ski events

My Calendar

Welcome to your calendar! Here you can see all your rides for this week.

Thursday May 4 +	Friday May 5 +	Saturday May 6 +	Sunday May 7 +	Monday May 8 +	Tuesday May 9 +	Wednesday May 10 +
02 AM	02 AM	02 AM	02 AM	02 AM	02 AM	02 AM
03 AM	03 AM	03 AM	03 AM	03 AM	03 AM	03 AM
04 AM	04 AM	04 AM	04 AM	04 AM	04 AM	04 AM
05 AM	05 AM	05 AM	05 AM	05 AM	05 AM	05 AM
06 AM	06 AM	06 AM	06 AM	06 AM	06 AM	06 AM
07 AM	07 AM	07 AM	07 AM	07 AM	07 AM	07 AM
08 AM	08 AM	08 AM	08 AM	08 AM	08 AM	08 AM
09 AM	09 AM	09 AM	09 AM	09 AM	09 AM	09 AM
10 AM	10 AM	10 AM	10 AM	10 AM	10 AM	10 AM
<div><p>title: Event Test 2 owner: a location: Boulder, CO event id: 2</p></div>	11 AM	11 AM	11 AM	11 AM	11 AM	11 AM
	12 PM	12 PM	12 PM	12 PM	12 PM	12 PM
	01 PM	01 PM	01 PM	01 PM	01 PM	01 PM
	02 PM	02 PM	02 PM	02 PM	02 PM	02 PM
03 PM	03 PM	03 PM	03 PM	03 PM	03 PM	03 PM
04 PM	04 PM	04 PM	04 PM	04 PM	04 PM	04 PM
05 PM	05 PM	05 PM	05 PM	05 PM	05 PM	05 PM
06 PM	06 PM	06 PM	06 PM	06 PM	06 PM	06 PM
07 PM	07 PM	07 PM	07 PM	07 PM	07 PM	07 PM
	08 PM	08 PM	08 PM	08 PM	08 PM	08 PM
09 PM	09 PM	09 PM	09 PM	09 PM	09 PM	09 PM


Got Weather?

Check out the snow before you go!

Location

Get Weather

title: event title
owner: a
location: enfyndef
event id: 1



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Feature of scuuber: Weather right in the app

Got Weather?

Check out the snow before you go!

Location

Get Weather

Scuuber demo



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