

Ski Lift

Group 2075

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A website for the people

- Ski Lift connects!
- Drivers heading to a specific mountain can post the number of seats available in their car as well as the time they will be leaving
- Riders can select a time and date in which they would like to go to a specific resort to see if there is a ride available

Tools used:

- Github
- PostgreSQL
- API

- Github: Collaboration, documentation, integration, and version control
 - Rating 4/5
 - Difficulties with push concerning the main
- PostgreSQL: Creation and management of our databases
 - Rating 5/5
 - Not really any difficulties after our informative lab
- API: To retrieve weather data from different mountains <http://api.powderlin.es/stations>
 - Rating 3/5
 - Could not get direct data from the resorts due to licensing
 - Snowtel Stations was the solution to this

Tools used:

- Express
- Request
- PG-Promise
- Atom

- Express- our framework used to build web with Node.js
 - Rating 4/5
 - Difficulties
- Request- the handler in which connects to the API
 - Rating 4/5
 - Difficulties
- PG-Promise- query formatting
 - Rating 4/5
 - Difficulties
- Atom- to write all the codes
 - Rating 5/5
 - It's free and I love it

Methodologies

- Agile

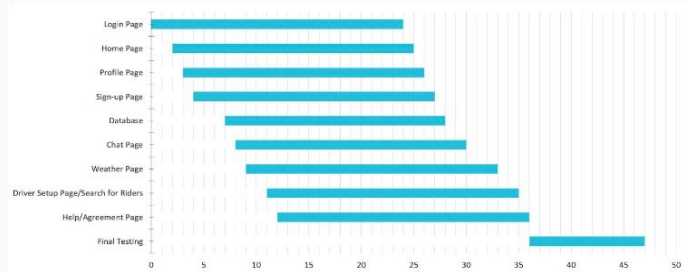
- Agile method- develop different features more or less simultaneously, assigning different team members to different features and coordinating when necessary.
 - Started with the “Sign up” page and built from there

TASK NAME	START DATE	END DATE	START ON DAY*	DURATION* (WORK DAYS)	TEAM MEMBER
Ski Ride Share Project					
Login Page	10/17	11/9	0	24	Cory
Home Page	10/19	11/10	2	23	Dylan
Profile Page	10/20	11/11	3	23	Tracy
Sign-up Page	10/21	11/12	4	23	Cory
Database	10/24	11/13	7	21	Team
Chat Page	10/25	11/15	8	22	Julia
Weather Page	10/26	11/18	9	24	Cory
Driver Setup Page/Search for Riders	10/28	11/20	11	24	Henry
Help/Agreement Page	10/29	11/22	12	24	Tracy
Final Testing	11/22	12/2	36	11	Team

Methodologies

Waterfall

- Our development plan included forming the requirements needed to comprise the website
- We then decided which tools were necessary to complete them
- Finally, we implemented and tested our product



Expected tools:

- Project Tracker
 - Github

1 Team Meeting Log:

2 Meeting 1: Thursday 9/19/19, 9:00-11:00

3 Members Present: Everyone

4 Activities: Tentatively decided on app idea, wrote first draft of Project Milestone One.

5 More work to be done on this later. (Confirm Team and App name, share github links,
6 work more on determining architecture plan, etc.)

7

8 Meeting 2: Thursday 9/26/19, 9:00-11:00

9 Members Present: Everyone

10 Activities: Finalized decision to create ski ridesharing and information app designed
11 to be used on android. Finalized decisions on front end, back end software choices,
12 app name. Shared github repositories with everyone.

13

14 Meeting 3: Thursday 10/03/19, 9:00-11:00

15 Members Present: Everyone


16 Activities: Began work on Milestone 2. We outlined 8 main features that will make up the
17 application, and began formatting our requirements and project plan.


18


Expected Tools (cont.)


Version Control


GITHUB

 38 commits

 1 branch

 0 packages

 0 releases

 5 contributors

Branch: master ▾ New pull request

Create new file Upload files Find file Clone or download ▾

 **henrycobb** Update Settings.html Latest commit 8cd80c9 7 minutes ago

Expected Tools (cont.):

- Database

- PostgreSQL
- User_id, available rides, weather

user_id	name		email		age		car		car_color
1	John Doe		jodo22@gmail.com		24		Nissan Versa		White
2	Jack Black		jaybaybay@gmail.com		31		Jeep Liberty		Black
3	Arek Crecre		arekc@gmail.com		29		Ford Explorer		Gold
4	Tina Turner		teetee133@gmail.com		26		Volkswagon Tiguan		Red
5	James Bond		double07@gmail.com		28		Aston Martin		Gray

Testing

- Human Analysis
 - Code Review- helping each other troubleshoot as well make adjustments along the way
 - Performed walkthroughs

Deployment Environment: Heroku

- We plan to deploy the Ski Lift website on Heroku using the accounts we created during the lab
- We will use PostgreSQL within Heroku for our database

Challenges Encountered

- Running ajax requests in a javascript file instead of a script inside an html file
- Get/post requests
- Getting use to working with github
- Retrieving weather data from the first API we worked with (needed a different API)
- Integration

Here's a little preview of what we each
worked on during the semester and
some difficulties we faced.

Sign up/Login

First Name:

Last Name:

Email:

Password:

Driver: ☐ Yes ☐ No

Submit

Back to Sign In

Sign In

Email Address

Password

☐ Remember me | [Forgot Password?](#)

Sign in

Sign Up

Settings Page

[Home](#) [Signup](#) [Login](#) [FAQ](#)

[Settings](#)

Settings

Use this page to adjust your settings and offer or request rides to and from people near you!

General Settings

Full Name:

Age:

City of Residence:

First Line of Address:

(No apartment # needed)

Add a Ride Offer

Date and Leave/Return Time:

E.g. 12/25/2019 8:00-5:00

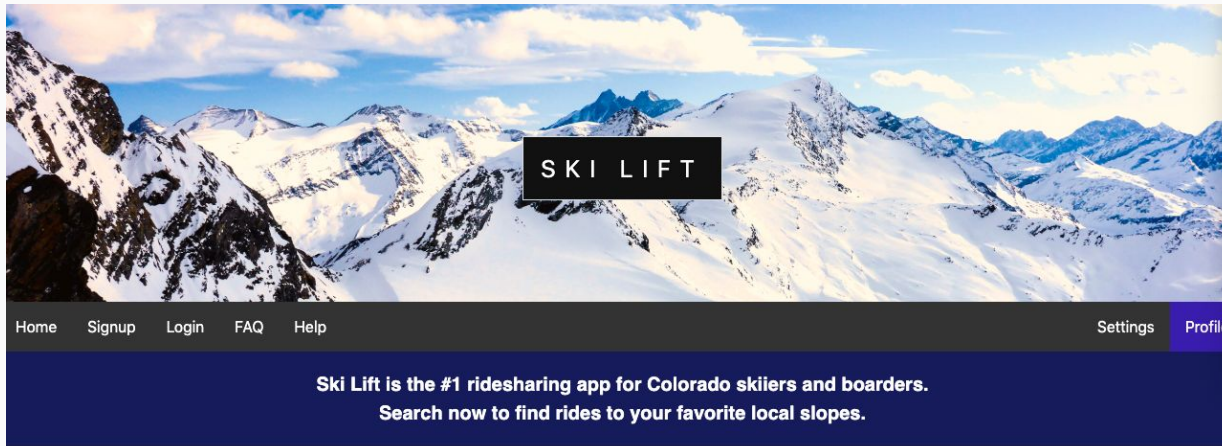
Times are only approximations.

Requested Pay (per rider):

Payment will be handled in person via venmo, cash or other preferred option.

Slots Available:

Resort Destination



Search For Rides

Select a Ski Resort Destination

Select Starting City

Ride Date MM/DD

Ride Date	Departure Time	Starting Location	Destination Mountain	Available Seats	Driver Name	Additional Info

Weather Forecast

Select a Ski Resort To Recieve Weather Report

Profile Page



VectorStock®

VectorStock.com/15696300

Name	Jon Dosef
Driver rating	4.2 ♦
Car(make/model)	Nissan/Versa
Car color	White
Ride	Snowboard
Rider Level	Dbl Black Diamond
Favorite Mountain	Ajax Mountain, Aspen



Safest ride of my life!!

Last updated 3 mins ago



Great conversation, but honestly I just wanted to sleep.

Last updated 5 days ago



We were stuck in traffic and he pulled off and bought us both Taco Bell!!!
BEST DRIVER EVER!

Last updated 2 months ago



Not going to lie, the only reason I am giving this guy a bad review is because he totally showed me up on the mountain. Dude was ripping around and kept throwing snow at me. Other than that totally safe ride.

Last updated 2 months ago



Very safe ride up to Breckenridge. Guy slays and I think I just made a boarding homie for life.

Last updated 1 months ago

Is riding with Ski Lift safe?

Selecting a vehicle option for your ride

Requesting more than one vehicle

Riding With Pets

Lost/Forgotten Items

Ski Lift allows you to communicate with your driver even after your trip has been completed.
If an item needs to be retrieved, please contact your driver.

Demo Time!