

The background of the slide is a solid blue color with a complex network pattern. This pattern consists of numerous small blue circles of varying sizes, some of which are connected by thin, light blue lines, creating a web-like or circuit-like appearance across the entire surface.

SkiU

A Carpooling Solution

Duaa Alahmed
Hassan Alahmed
John Phillips
Jack Spicer
Sousheel Vunnam



So what is it?

Designed with CU
Skiers in Mind

SkiU is a carpooling app,
similar to Uber, designed for
CU students

Vision

- SkiU is a website built to help CU students carpool to ski resorts in order to make the process of finding a ride easier for freshman.



Tools

- Databases (MySQL)
- Deployment environment (heroku)
- VCS repository (GitHub)
- Communication (Slack)
- Testing tool (Travis CI)
- Project Tracker (Trello)
- Methodologies (Agile)



MySQL



We are using ClearDB
MySQL on heroku to
store user's information.

Group's rating: 5/5

```
Terminal - user@cu-cs-vm: ~/CSCI3308/SkiU
File Edit View Terminal Tabs Help

| events
| user_info
+-----+
3 rows in set (0.05 sec)

mysql> show tables;
+-----+
| Tables_in_heroku_d087506ec02ec33 |
+-----+
| driver_info
| events
| user_info
+-----+
3 rows in set (0.05 sec)

mysql> SELECT * FROM events;
+-----+
| id | username | location | departure | date | description | passengers |
+-----+
| 1 | hassan.alahmed@colorado.edu | Keystone | 8:00am | 4:00pm | Going to Keystone | NULL |
| 2 | hassan.alahmed@colorado.edu | Breckenrid | 7:00am | 3:00pm | Going to Breckenridge | NULL |
| 3 | jack.spicer@colorado.edu | Copper Mt | 8:30am | 5:00pm | Going to Copper Mt | NULL |
| 4 | john.phillips@colorado.edu | Winter Par | 9:00am | 6:00pm | Going to Winter Park | NULL |
| 5 | Sousheel.vunnam@colorado.edu | Vail | 6:00am | 2:00pm | Going to Vail | NULL |
| 21 | my.name@colorado.edu | Copper | 800 | today | no | 3 |
| 31 | my.name@colorado.edu | Arapahoe B | 9:00pm | Saturday | No thanks | 0 |
+-----+
7 rows in set (0.05 sec)

mysql>
```


Heroku



HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Personal > skiu

GITHUB Palmpillips/Skiu master

Overview Resources Deploy Metrics Activity Access Settings

Installed add-ons \$0.00/month Configure Add-ons

ClearDB MySQL Ignite

Dyno formation \$0.00/month Configure Dynos

This app is using free dynos

web npm start ON

Collaborator activity Manage Access

joph0064@colorado.edu 38 deploys

jack.spicer@colorado.edu 31 deploys

Latest activity All Activity

joph0064@colorado.edu: Deployed 9f2b504b about 14 hours ago - v73 · Compare diff

joph0064@colorado.edu: Build succeeded about 14 hours ago · View build log

jack.spicer@colorado.edu: Deployed 9f2b504b about 14 hours ago - v72 · Compare diff

jack.spicer@colorado.edu: Build succeeded about 14 hours ago · View build log

joph0064@colorado.edu: Deployed fcb38800 a day ago - v71 · Compare diff

joph0064@colorado.edu: Build succeeded a day ago · View build log

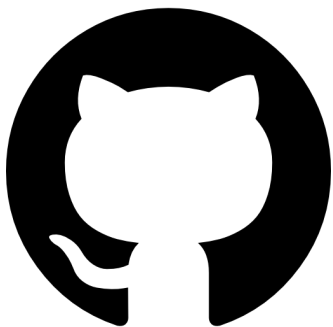
joph0064@colorado.edu: Deployed 7f06c5fb a day ago - v70 · Compare diff

joph0064@colorado.edu: Build succeeded a day ago · View build log

joph0064@colorado.edu: Deployed 7f06c5fb a day ago · View build log

We choose heroku to be
the Deployment
environment for the app.

Group's rating:4/5



Github as version
control repository.

Group's rating: 5/5

Github

GitHub repository page for **Palmphillips / SkiU**.

Repository statistics: 140 commits, 3 branches, 0 releases, 4 contributors.

Branch: master | New pull request | Create new file | Upload files | Find file | Clone or download

Latest commit: jackspicer1229 fixed spacing in navbar (9f2b504, 15 hours ago)

File	Commit Message	Time Ago
bin	merged directories	6 days ago
node_modules	Merge branch 'master' of https://github.com/Palmphillips/SkiU	5 days ago
other	ClearDB info in .js files	6 days ago
public	Can now navigate website properly	a day ago
routes	Can now navigate website properly	a day ago
views	fixed spacing in navbar	15 hours ago
.DS_Store	added car icon	5 days ago
.README.md.swp	added modal login. Fixed typo in sql table.	a month ago
.travis.yml	travis integration 2	4 days ago
CodeThatWasBreakingProfile	Can now navigate website properly	a day ago
Procfile	added port to login.js	6 days ago
ProjectMilestone2_SkiU.pdf	Add files via upload	2 months ago
ProjectMilestone3_SkiU.pdf	Milestone 3 PDF	a month ago
README.md	milestone 1	2 months ago

Slack



We used slack to
communicate with each
other.

Group's rating: 2/5

A screenshot of a Slack workspace interface. The left sidebar is dark purple and contains the workspace name "Software Dev P...", a list of channels including "# general" (selected), "# random", and "Direct Messages", and a list of direct messages. The main chat area is white and shows a conversation in the "#general" channel. The channel header includes the name "#general", a description "Company-wide announcements and work-based matters", and the date "Friday, November 10th". The chat history shows two messages: one from Jack Spicer on Friday, November 10th, about a link to forms-bootstrap, and another from Jack Spicer on Saturday, December 2nd, about a link to a Heroku Postgres article. A message from Sousheel Vunnam on Saturday, December 2nd, is partially visible at the bottom. The bottom of the interface shows a message input field with a plus icon on the left and a send button on the right.





Travis CI


Used Travis CI to test
three features:

- Log in
- Registration
- Creating an event

Group's rating: 2/5


Travis CI


Travis CI  [About Us](#) [Blog](#) [Status](#) [Help](#) dual8794 

Search all repositories 




[My Repositories](#) +

- ✓ Palmphillips/SkiU # 13
 - ⌚ Duration: 5 min 2 sec
 - 📅 Finished: about 15 hours ago
- ✓ dual8794/CU-CSCI3308-CIPracti # 3
 - ⌚ Duration: 32 sec
 - 📅 Finished: 9 days ago

Palmphillips / SkiU  build passing





[Current](#) [Branches](#) [Build History](#) [Pull Requests](#) [More options](#) 

✓ master fixed spacing in navbar → #13 passed [Restart build](#)

→ Commit 9f2b504 
🔍 Compare fcb3880..9f2b504 
📁 Branch master 
👤 jackspicer1229 authored and committed

⌚ Ran for 2 min 36 sec
⌚ Total time 5 min 2 sec
📅 about 15 hours ago

Build Jobs

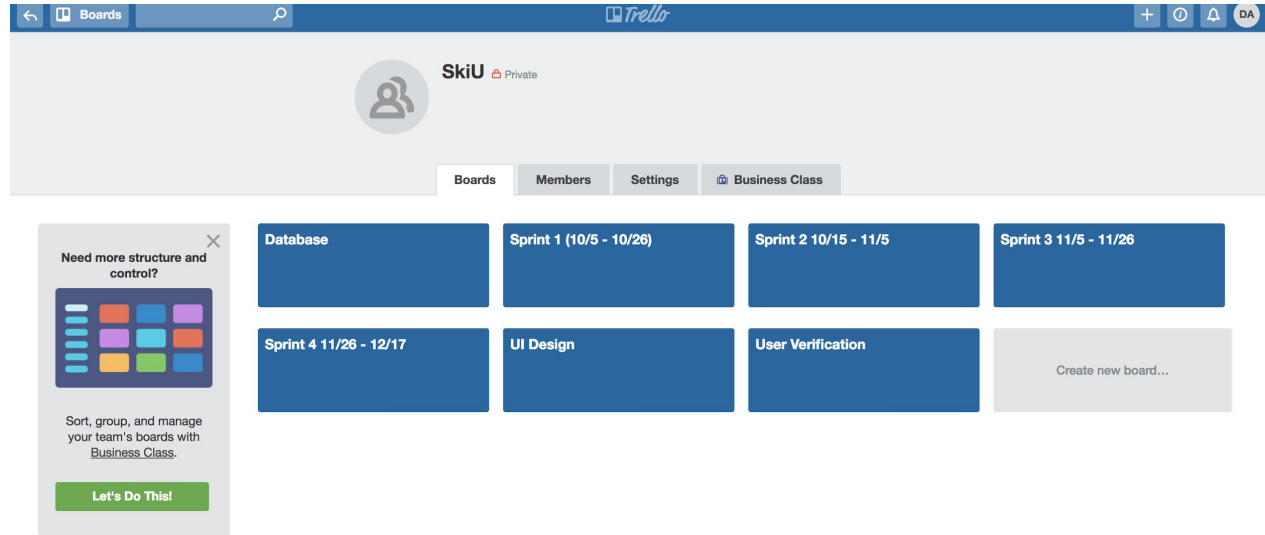
✓	# 13.1		<> Node.js: node	📦 CXX=g++-5	⌚ 2 min 36 sec	⌚ 
✓	# 13.2		<> Node.js: stable	📦 CXX=g++-5	⌚ 2 min 26 sec	⌚ 



At the beginning we used
Trello as the project tracker

Group's rating: 1/5

Trello



Challenges

- Inability to get authentication with CU IdentiKey.
- Learning new languages and tools.
- Deploying on heroku.
- Integrating everything together.





Project Demo



Thanks!

Any questions?