SkiU

A Carpooling Solution

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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.

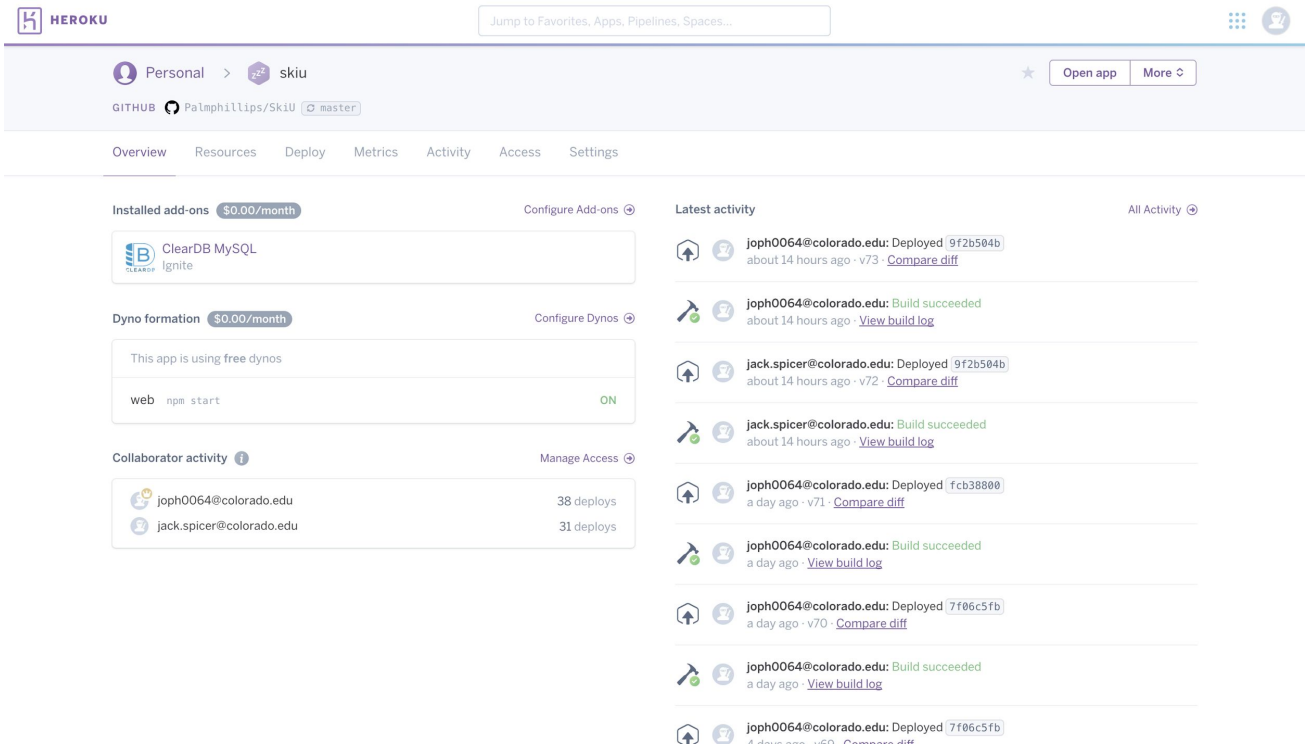
Group's rating: 5/5

```
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>
```

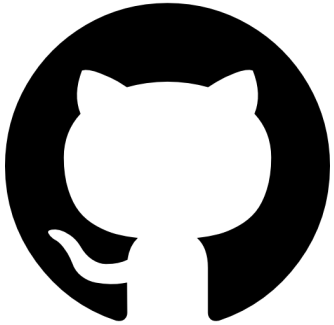
Heroku

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

Group’s rating:4/5

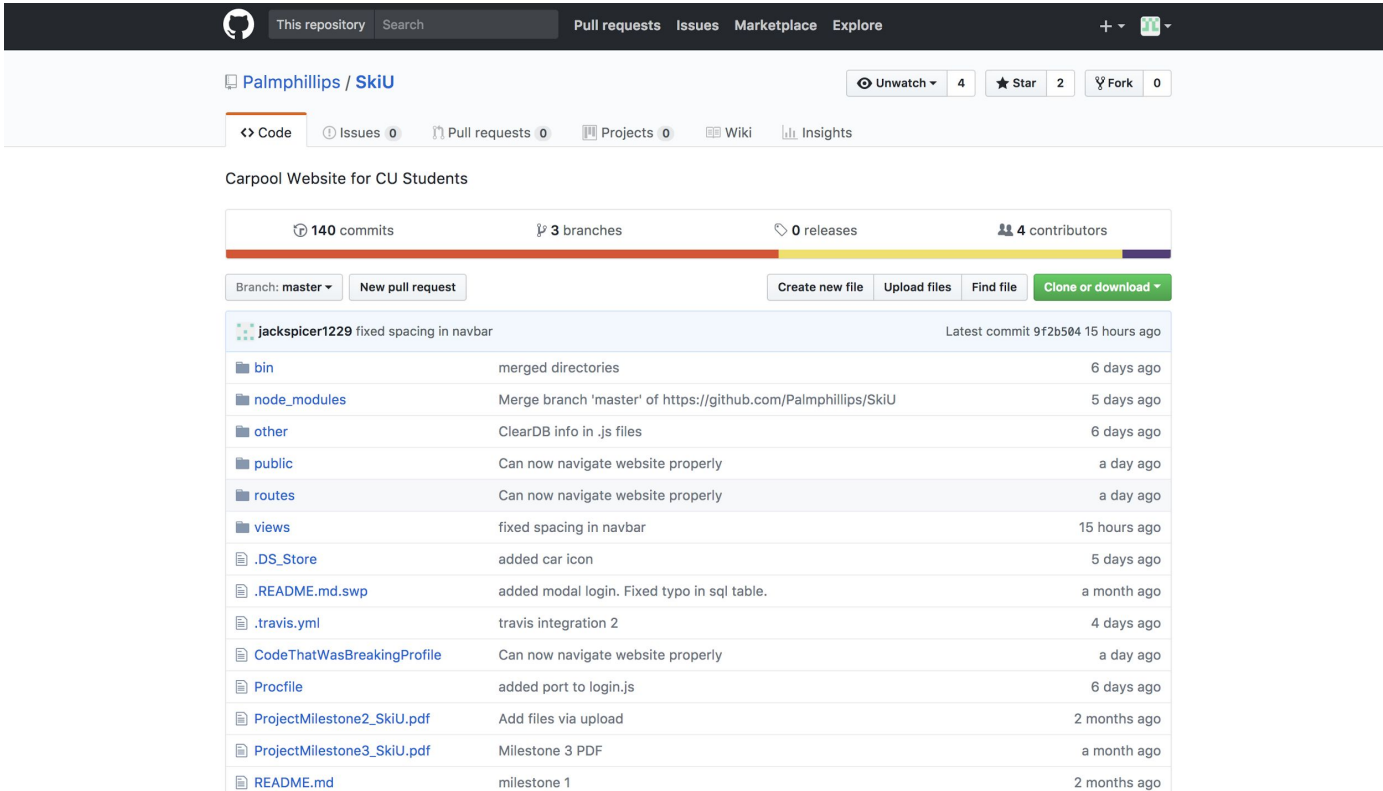


Github



Github as version control repository.

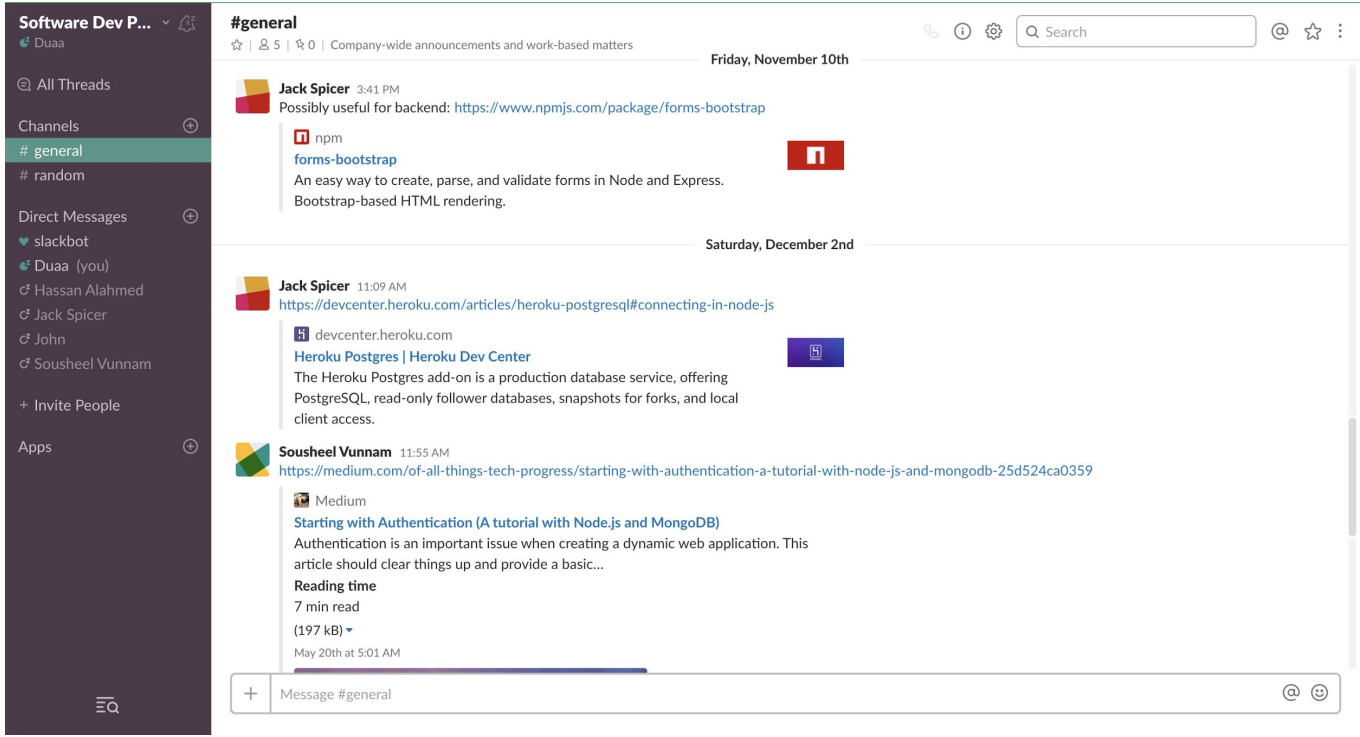
Group’s rating: 5/5



Slack

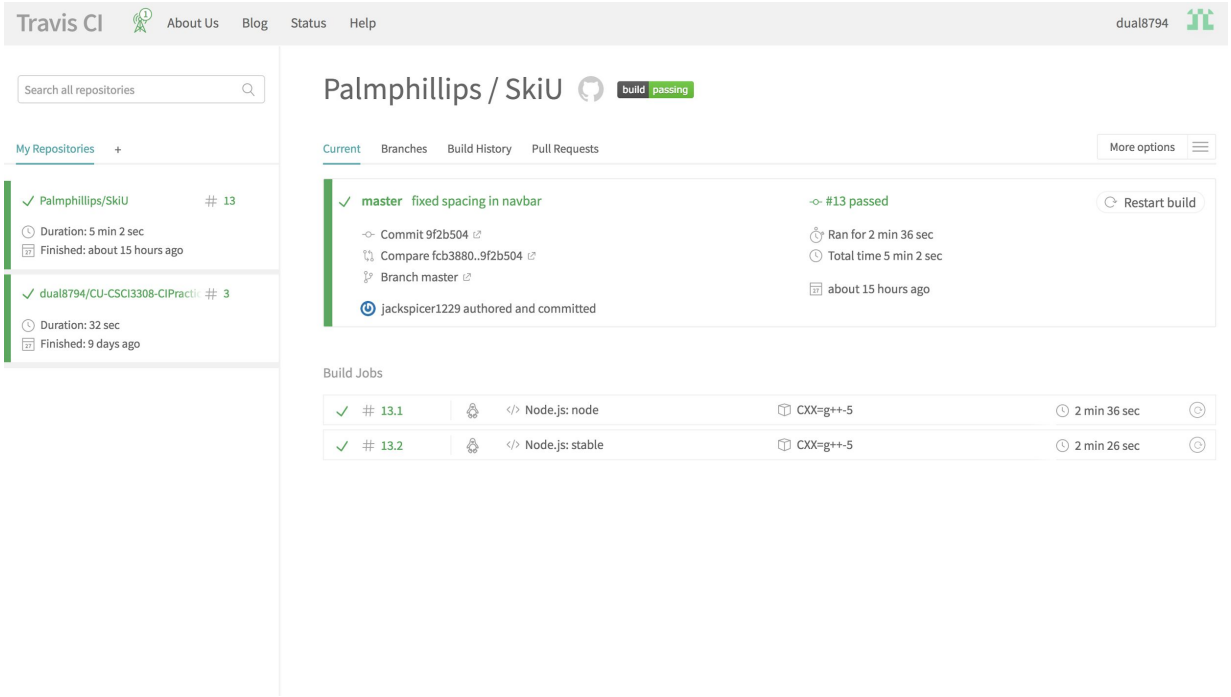
We used slack to communicate with each other.

Group’s rating: 2/5



Travis CI

Travis CI



Used Travis CI to test three features:

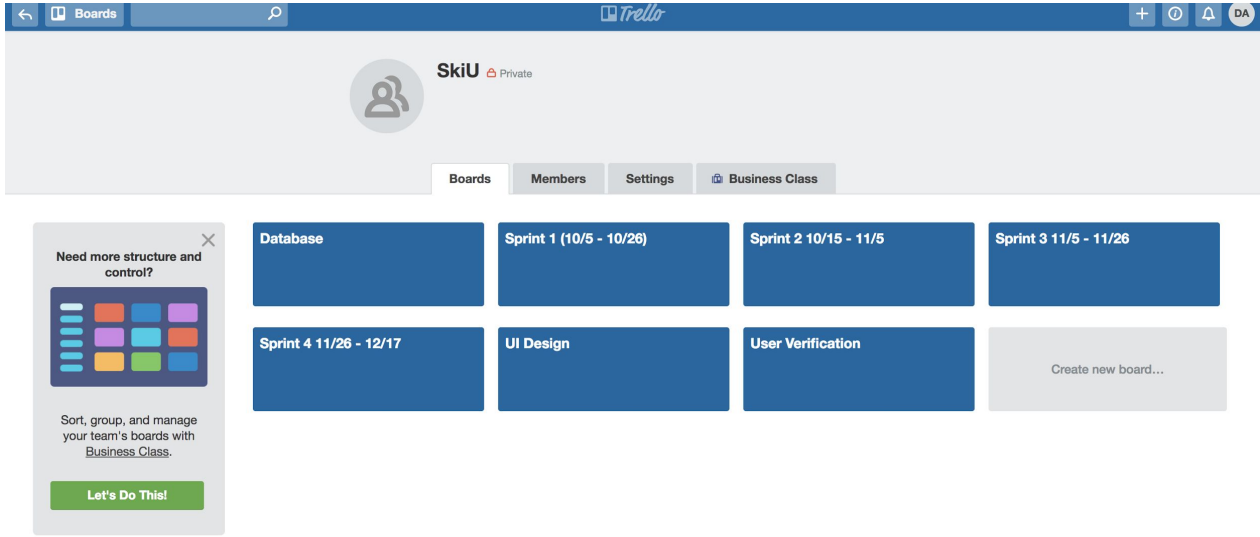
- Log in
- Registration
- Creating an event

Group's rating: 2/5

Trello

At the beginning we used Trello as the project tracker

Group’s rating: 1/5



Challenges

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

Project Demo

Thanks!

Any questions?