

# Peergrader

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# 01

## What's Peergrader?

# Current Product

YOUR SUBMISSION	
Assignment phase:	Accepting reviews until Tue Apr 16 23:59:00 2024 PDT
Direct assignment link:	<a href="https://www.crowdgrader.org/crowdgrader/venues/view_venue.php?venue_id=115a">https://www.crowdgrader.org/crowdgrader/venues/view_venue.php?venue_id=115a</a>
Assignment type:	Instructor sponsored, Large: Instructor pays \$13.98, free for students
Institution:	UCSC
Institutional account:	None
Description:	See assignment RAC1 and RAC1 Review on Canvas
Managers:	fvafadar@ucsc.edu, hvenkat4@ucsc.edu, mitquach@ucsc.edu
Submission instructions:	Submit your summary as a PDF
Submission opening date:	Wed Apr 3 12:00:00 2024 PDT
Submission deadline:	Thu Apr 11 23:59:00 2024 PDT
Reviewing start date:	Fri Apr 12 00:05:00 2024 PDT
Reviewing deadline:	Tue Apr 16 23:59:00 2024 PDT
Allow group submissions:	<input type="checkbox"/>
Number of reviews per student:	4
Reviews as percentage of grade:	20%
Maximum grade:	20
Grading instructions:	Please grade according to the instructor-specified rubric. 20: Excellent 19: 18: 17: Good; only minor flaws 16: 15: 14: Satisfactory; most of the major pieces are there 13: 12: 11: 10: Barely adequate: some of the major pieces are there 9: 8: 7: 6: Serious deficits; majority of major pieces are missing 5: 4: 3: Barely a hint of work in the right direction 2: 1: The submission is present, but there is essentially no work in it. 0: Missing submission, no work done, or wrong material submitted.

REVIEW INSTRUCTIONS

Please grade according to the instructor-specified rubric. 20: Excellent 19: 18: 17: Good; only minor flaws 16: 15: 14: Satisfactory; most of the major pieces are there 13: 12: 11: 10: Barely adequate: some of the major pieces are there 9: 8: 7: 6: Serious deficits; majority of major pieces are missing 5: 4: 3: Barely a hint of work in the right direction 2: 1: The submission is present, but there is essentially no work in it. 0: Missing submission, no work done, or wrong material submitted.

YOUR REVIEW

Grade [0..20.0]:

Decline to evaluate: ☐

SUBMIT

CANCEL

SUBMISSION DISCUSSION

(0) Discuss the submission with the author(s) and the other reviewers

Submission

SUBMISSION ATTACHMENT

"2024S\_cse115a\_RAC1\_Submission\_1.pdf"

# Our Solution

## Professors

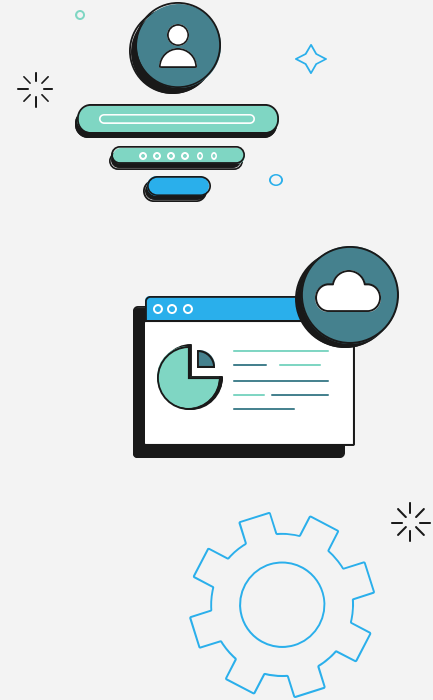
Professors don't have the bandwidth to grade hundreds of students

Provide a cheap, modern design, with integration to Canvas gradebook for easy grade publishing

## Students

Students don't like the current tool, Crowdgrader

A more intuitive interface increases usability and confidence about submissions & grading



# High Level Goals

## Original

### Students

- join class
- submit assignments
- grade peers
- receive grade

### Instructors

- create & customize course
- invite students & restrict enrollment
- create & customize assignments
- sync grades to Canvas

Clean and intuitive design



## Achieved

### Students

- join class
- submit assignments
- grade peers
- receive grade

### Instructors

- create & customize course
- invite students & restrict enrollment
- create & customize assignments
- ~~sync grades to Canvas~~

Clean and intuitive design

# Biggest Challenges

## Technical:

- Learning Next.js
  - Best practices
  - How to write clean code
- Efficiency
  - Caching data
- Security

## Logistic:

- Task management
  - Used Github issues & Google doc
- Working with conflicting priorities (other classes)





**02**

**Demo**

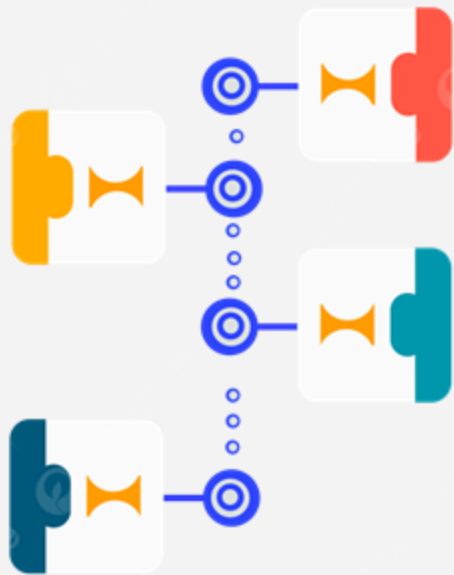
# Grapo Studies

Home **Students** Settings

10 students

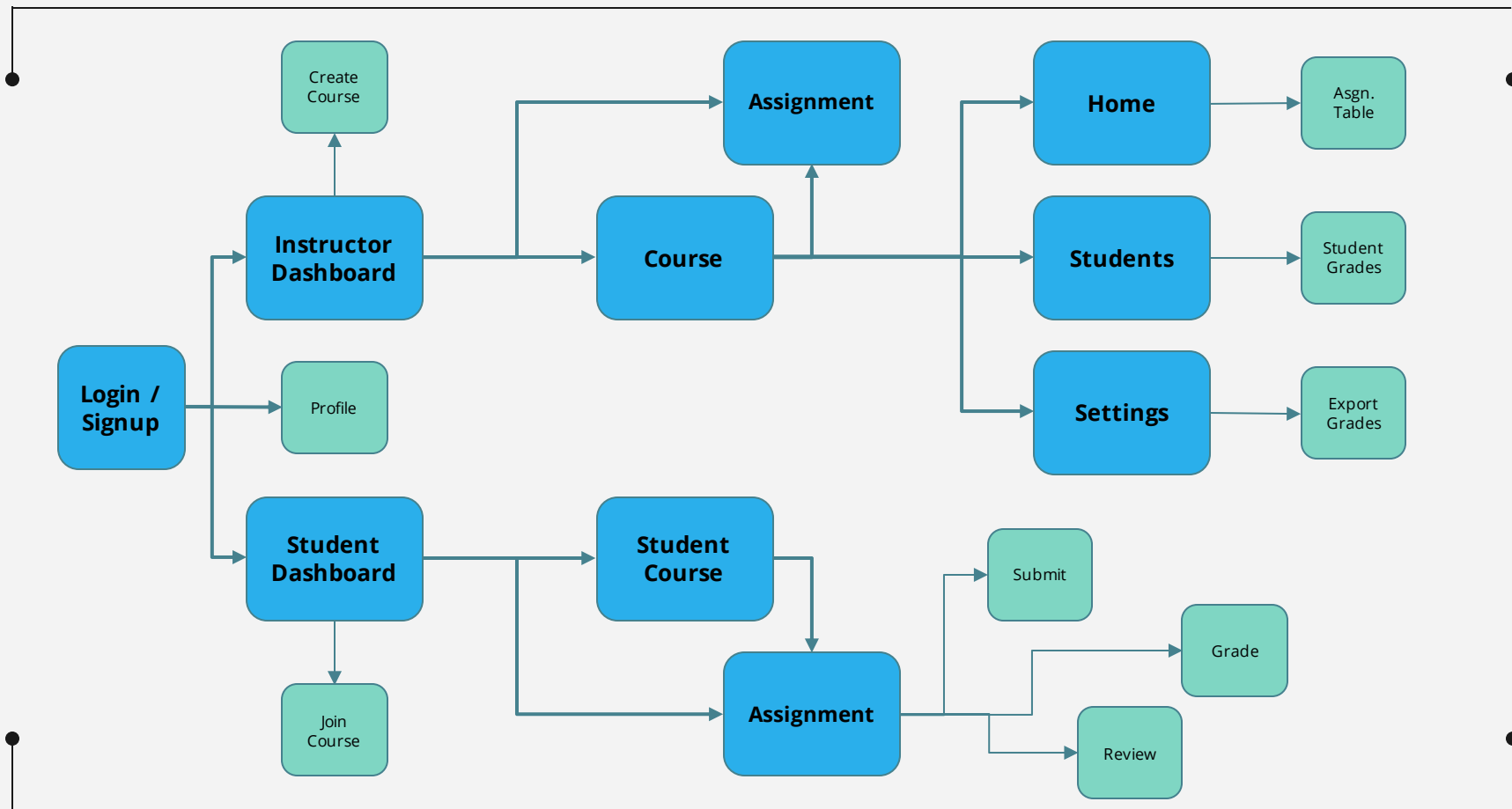
name	email	status
 Eric Chung	eric.chung@grapo.com	X
 Muellet David	muelletdavid@grapo.com	X
 Jonathan Kral	j.kral@grapo.com	X
 Eliot Kral	eliot@grapo.com	X
 Emily Kral	emily2013@gmail.com	X



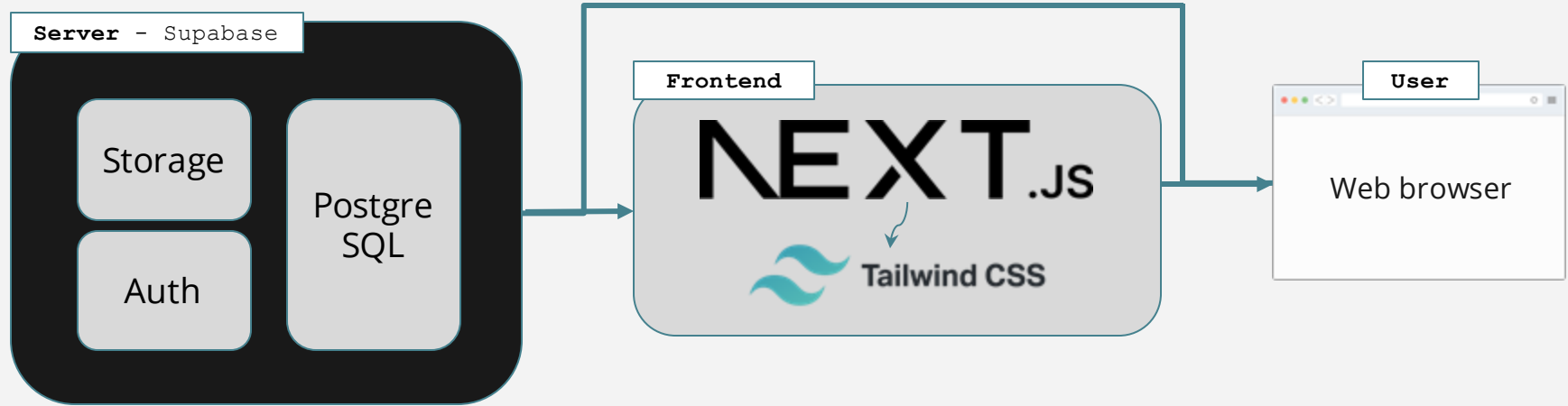


# 03

## Website Outline



# Technologies





**04**

**Looking  
Back...**

# Project Management Techniques



## GitHub Issues

Track bugs found

Request changes we  
wanted someone else to  
make



## ToDo List

List all tasks to accomplish

Keep track of other  
member's progress



## Group Chat

Ask quick questions about  
bugs, UI changes, ask to  
look at something

# Things we...

## Enjoyed

Gaining web development experience

Learning how to use widely used technologies

Experience working in a group

## Did Not Enjoy

Merging conflicts

Working around other class priorities

Learning curve of a new technology and rewriting old, bad code

Resolving deployment issues not present in dev builds

# Lessons Learned

## Keep Doing

Split work across different tasks that do not conflict

Split work between frontend and backend

Consistently updating each other about our next tasks to avoid overlap

## Didn't Work

Not prioritizing core functionality

Prioritizing completing user stories over writing quality code

Not fully completing features

## Wished we did

Documented code as we wrote it

Wrote more detailed task lists to remember unfinished work

More UI designs so implementation is easier

Created a style guide