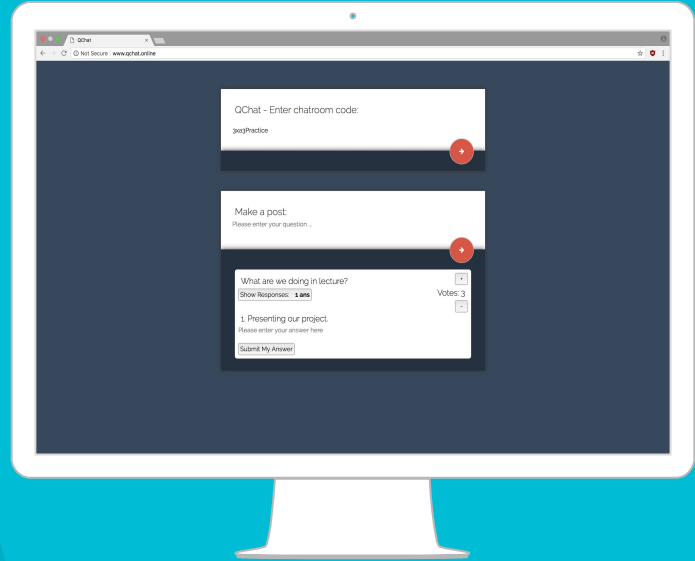


Question Chat  
Question Chat  
Question Chat  
Question Chat  
**QChat**  
Question Chat  
Question Chat  
Question Chat  
Question Chat





# PROBLEM AND IMPORTANCE

- ▶ Students unable to speak up and voice concerns due to various reasons
- ▶ Hinders the student learning experience
- ▶ Previous attempts have been made



# PURPOSE AND BACKGROUND

## Purpose of project

- ▶ Provide a platform where students can speak up without anxiety
- ▶ Be an educational supplement in and outside of the classroom

## Stakeholders

- ▶ Members of the university ecosystem
- ▶ Students
- ▶ Professors

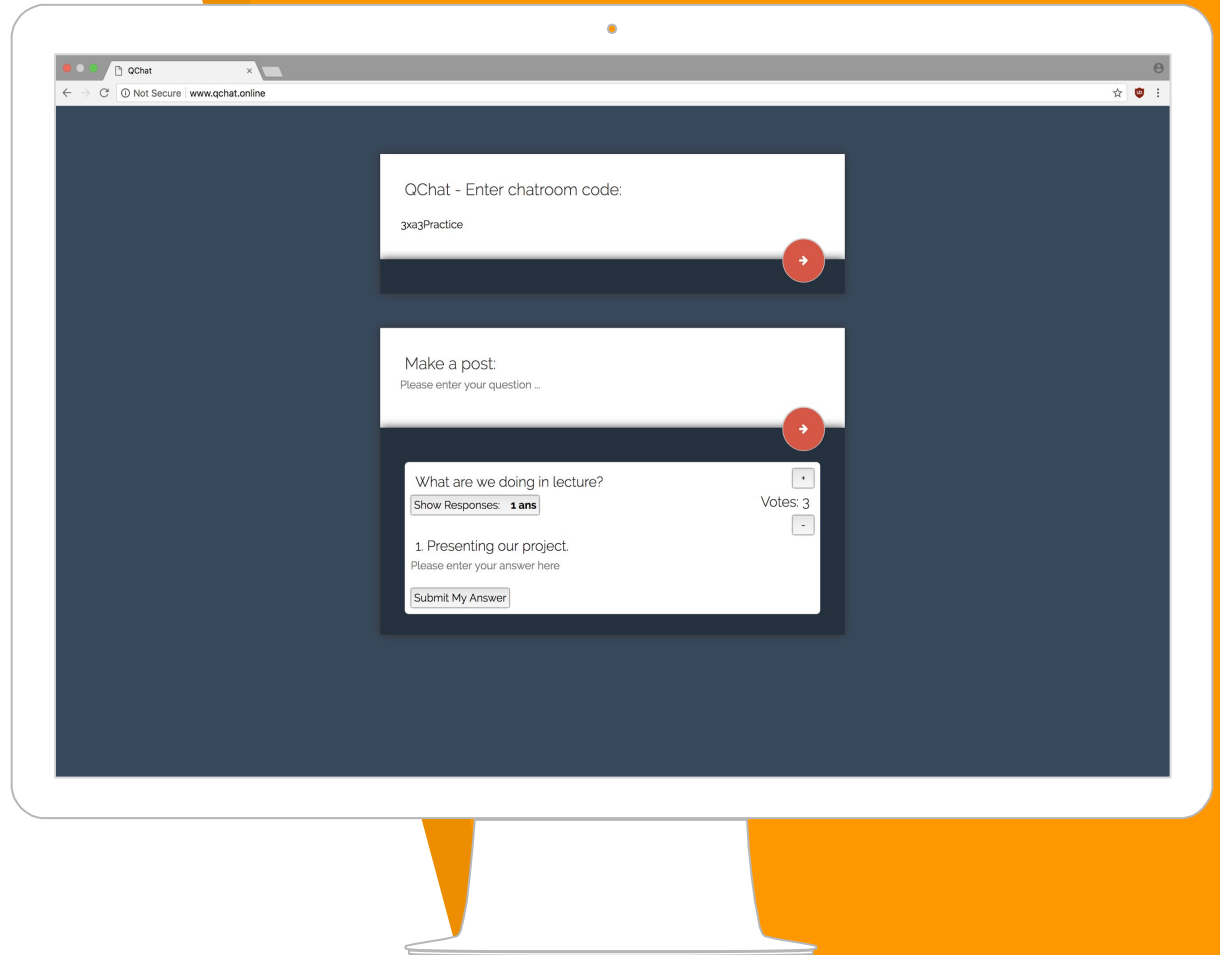
# BIG CONCEPT



- ▶ Anonymous : for hidden identity
- ▶ Q&A Feature : for letting students ask and answer questions
- ▶ Real-time : for fast responses

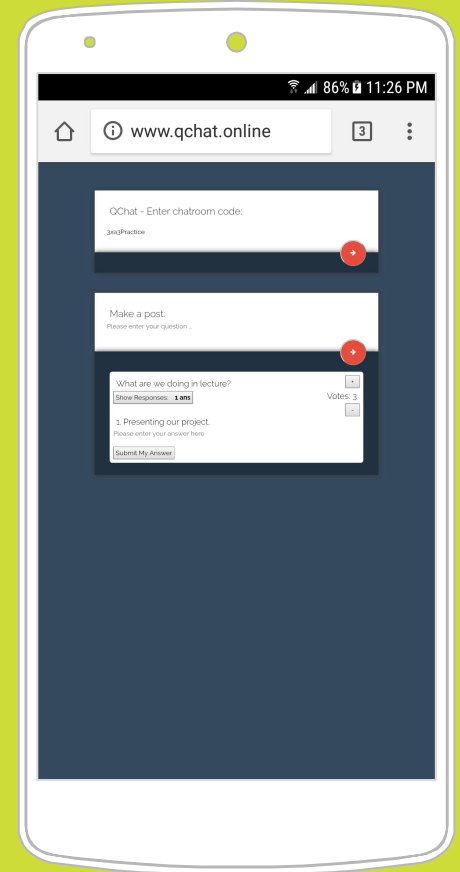
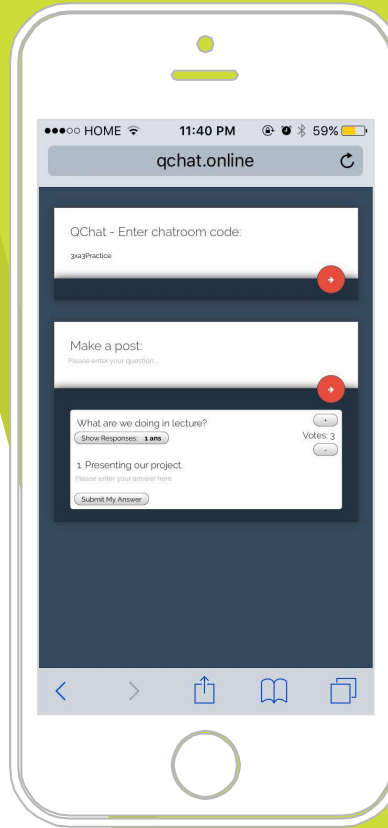
# CROSS PLATFORM UI - DESKTOP

Web app that runs  
on all browsers

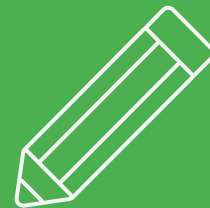


# CROSS PLATFORM UI - MOBILE

Our Material UI works  
with Mobile OS too



# LET'S **REVIEW** SOME FEATURES



Enter  
Different  
Chat Rooms

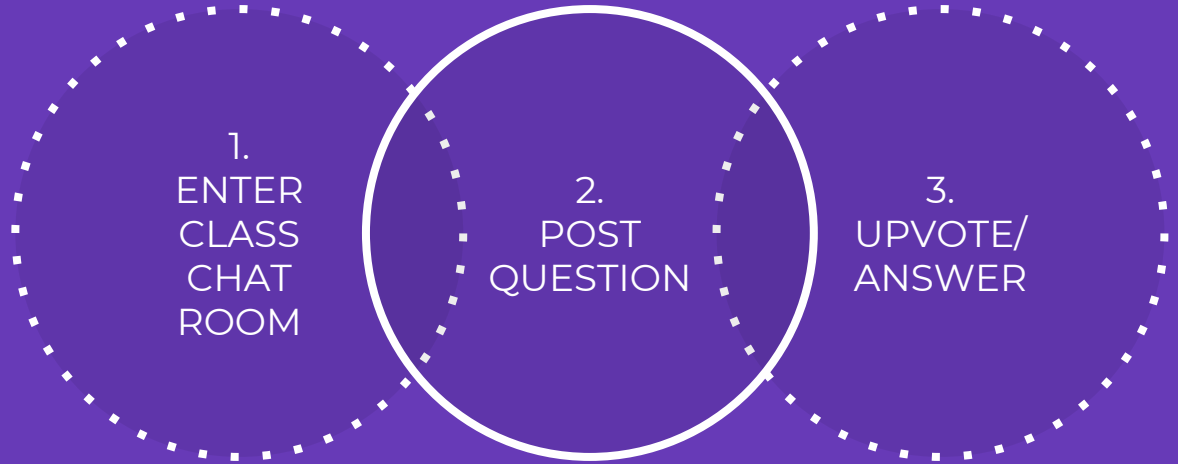
Ask  
Questions

Answer  
Questions

Upvote/  
Downvote

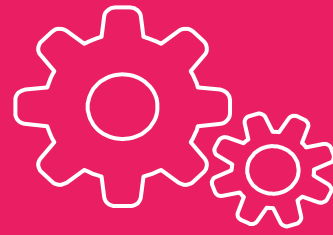
See popular  
questions

WATCH THE  
**DEMO**





# DEVELOPMENT STACK AND PROCESS



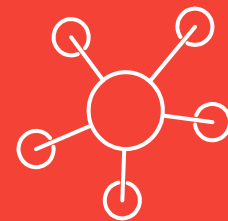
- ▶ Dev stack
  - ▷ Firebase, Html, JavaScript, CSS
- ▶ Weekly team meetings and 'scrums'
- ▶ Agile development methodologies
  - ▷ Hackathon like weekends
- ▶ Gitlab for code communication
- ▶ Social Media for team communication
- ▶ Gantt Chart - kept us on track



# OUR **VALIDATION** PROCESS

## Testing

- ▶ Static Testing : JSLint for syntax and formatting
- ▶ Unit Testing : Jasmine.js Framework
- ▶ Black-box Testing : Dynamic and Manual
- ▶ External entities tested by use
- ▶ White-box Testing : Static/Dynamic and Manual

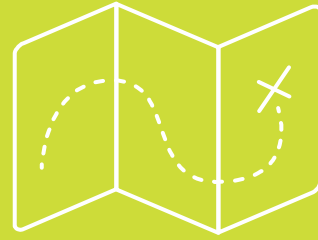


# QUALITY **ASSURANCE**

## Qualities we prioritized

- ▶ Usability
- ▶ Portable
- ▶ Maintainability
- ▶ Performance
- ▶ Reusability

# FUTURE PLANS



- ▶ Add new features
  - ▷ Location based entry
  - ▷ Teacher verification of answers
  - ▷ Post questions with images
- ▶ Extend to native mobile apps
- ▶ Maintain live
- ▶ Higher security measures

# GROUP 14 **PROJECT REFLECTION**



- ▶ Great practical development experience
- ▶ Learned formal documentation for projects
- ▶ Learned time management techniques
- ▶ Learned team management techniques

# THANKS!

Any Questions?

[www.qchat.online](http://www.qchat.online)

Enter session: “3xa3lecture”

