

# Summit

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Group: 112-3

Group Name: Catapuss

# Goal



Summit

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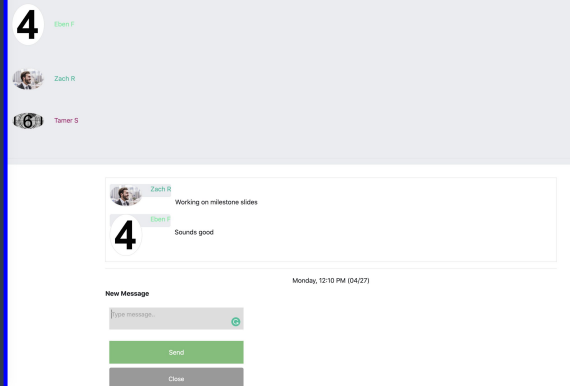
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- Summit is a discussion board for those located in the boulder area
- The purpose of this app is to connect skiers and boarders traveling to like locations
  - Drivers can offer to carpool with riders to reduce travel costs and meet new people
- Users will advertise trips to mountain resorts in the boulder area by posting on a discussion board where users can discuss carpooling.
- We hope that this app can allow skiers and snowboarders without vehicles to be able to actively participate in their hobby and for those with existing vehicles to make money carpooling.

# Tools



- Messenger uses ScaleDrone
  - ScaleDrone is an API service that creates unique chat channels for its users
  - The free version allows us to create multiple distinct channel links to assign our demo users and allow them to chat privately
  - Group Rating: 4
- Database uses PostgreSQL
  - Hosted with Heroku
  - Group Rating: 4
- Code Repository is GitHub
  - Group Rating: 5
- Testing Tool
  - Unit.Js
  - Group Rating: 4
- Deployment Environment is Heroku
  - Group Rating: 4
- Framework is Node.js and HTML
  - Group Rating: 5

# Challenges



- Maintaining consistency between code with github
- Avoiding merge conflicts
- Keeping each other updated after transitioning to online classes
- Finding an acceptable solution to the messenger
- Organizing team meetings both in person and online over zoom
- Coordinating goals to manage our progress on the app

# Overcoming Challenges



To overcome our challenges we communicated mainly on slack and zoom. To fix the merge conflicts we were having when all working on local versions of the application we transitioned over to heroku and a new github repository. Here we have a barebones version of the app in master and separate branches for each member to work on their separate components. Heroku also enabled us all to work on the same database and information fixing our issues caused by differences in each members local database.

# Methodology



- Iterative Process
  - Notifying each other of changes to code in github
  - Working with sub branches to get individual components working before merging with the master branch
  - Making sure changes to our code work properly in the Heroku deployment
  - Keeping each other updated on database changes so that people working on individual components know if they need to make changes to what they can access in the database
  - Making small changes and retesting often instead of making large changes to code and hoping that it works as planned