

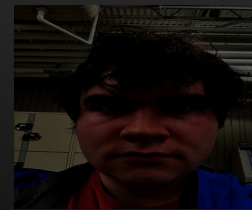
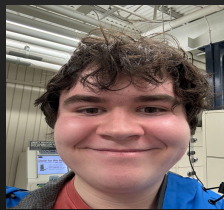
# It's MAC Time

Week 2

Welcome Back!

(or just welcome if you're new)

# We are the MAC officers!



# What is MAC?

- 50% teaching 50% coding\*
- Why you should join
  - Resume/applications
  - Real projects
  - Food
- The Big Projects
  - Portfolio
  - Beginner/Advanced project
  - CAC project
- The Big Events
  - ATMAC
  - CAC
- The Big Opportunities
  - CAC prep
  - HackTJ bootcamp
  - Internships



# Today's Plan

1. Figure out who was here last time
2. Learn about app planning process
3. ~~Evaporate the weak~~



# For the New

If you are new (or just forgot)

- Don't worry, we will catch you up
- This is the best club at TJ



# App Planning

- Very important
- Without a plan, chaos will follow



# Idea Formulation

- Identify a problem
- Who is your audience?
- What makes your app unique?
- Keep the idea realistic, but useful.





# Mapping Pages

- What are the essential pages?
- User flow
- Wireframe



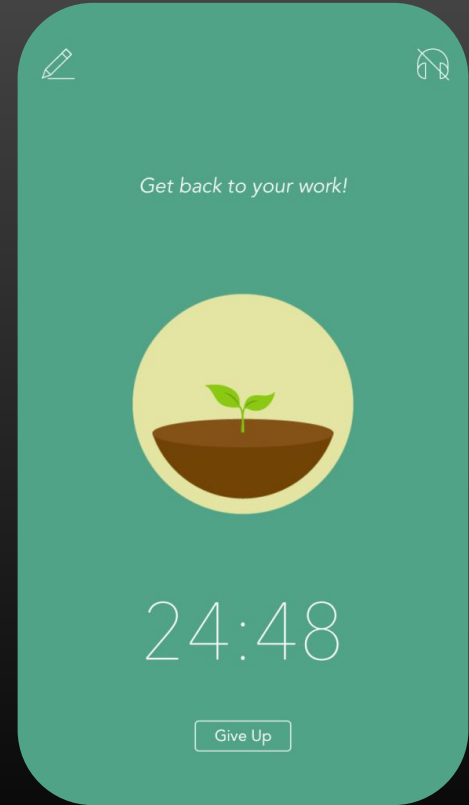
# Choosing Services – Making the Magic Happen

- Do users need to **sign in**? (Google, Facebook, Ion, etc.)
- Where's the data going? (Firebase, AWS, SQL database)
- External data? (APIs)
- Backend structure matters too!



# Real-Life Example

- App concept: study timer
- Problem:
  - People need to track time spent studying
- Audience:
  - Students looking to be more productive
- Pages:
  - Home (start timer)
  - Progress/Statistics (study history)
  - Settings (adjust focus intervals)



# “Oops” Moments

- You're not Google
- Forgetting your audience
- No backend plan
- Adding too many features



# Recap

- App planning = roadmap to success
  - Idea → Purpose → Pages → Services → A great app
- Now, time to **apply**

# Mobile Mania 2

(the second one)