Team Financially Illiterate

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Project Overview

What I’ve learned - Ethan Shilo-Draper

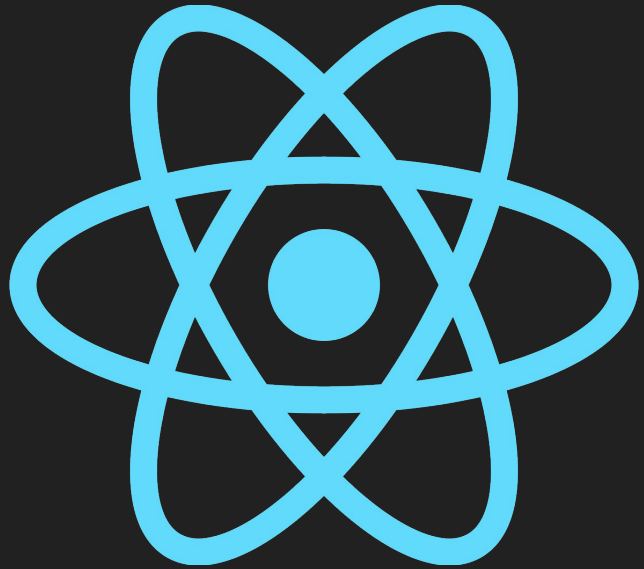
- Difficulties of group coding
  - Making progress without stepping on each other’s toes
  - Importance of frequent communication and progress sharing
- Plan for things to go wrong
  - Tight schedules are near impossible to adhere to
- Different development frameworks are more similar than I realized
  - More of my .Net knowledge was transferable to React than expected
  - Being a good software developer is as much about methodology as language knowledge

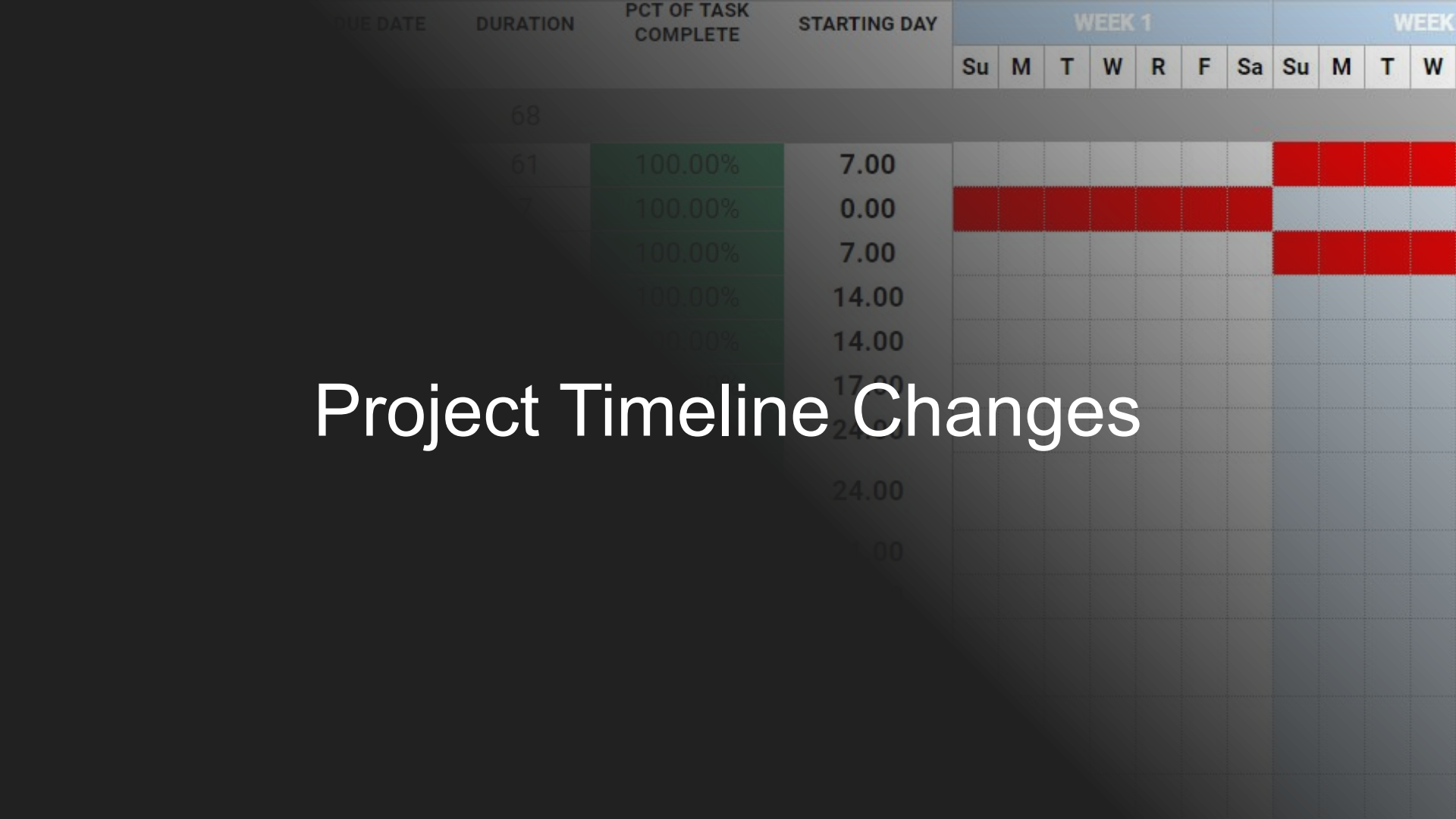
What I’ve learned - Kasey Bourdier

- Team
  - I’ve gained experience with working with a team in a large project
- Communication
  - I learned being punctual is very important when working with team members
- Project
  - I gained knowledge of new technologies I was not previously familiar with like React

What I’ve learned - Ryan Nixon

- Working in groups
  - Clear Communication is key
- Plans always change
  - Always plan tasks with extra time
- Technologies
  - Familiarized myself more with Node, Express, React.js and other technologies




DURATION
PCT OF TASK COMPLETE
STARTING DAY
WEEK 1
WEEK
Su M T W R F Sa Su M T W
68
61
100.00%
7.00
100.00%
0.00
100.00%
7.00
100.00%
14.00
14.00
24.00
Project Timeline Changes

Timeline and Scope Changes

- Frontend development has switched to a more gradual approach
  - Needs to flow with our progress on backend
- Timeline has gotten somewhat tighter
  - Each section has more components than initially realized
  - Interactions between sections have been more time consuming to implement
- Potential elimination of search and sort functions
  - Will be included if time allows, but they aren’t part of MVP or essential UX

What Needs to be Accomplished

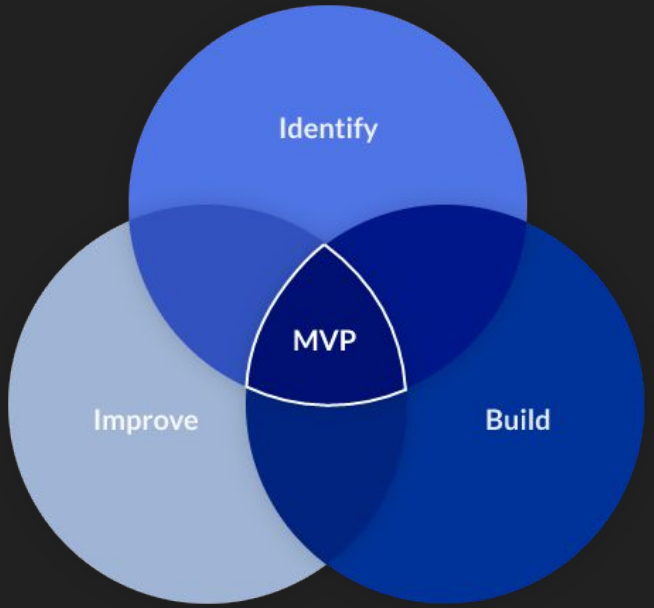
- Connecting budgets with income, bills, etc. - Ethan
- Backend validation - All
- Validation Testing - Ryan, Ethan
    - Test that all validation is sufficient enough & update accordingly
- Security Testing - Ryan, Ethan
    - Check against potential vulnerabilities
- Unit Testing
    - Write unit tests for functionality

What Needs to be Accomplished

- Documentation Review - Kasey
- Financial News API - All?
- Email Validation - All?

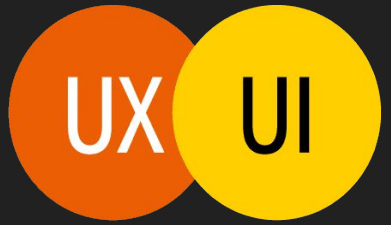
Minimum Viable Product

- Elimination of account recovery options
  - Email verification removed
- Report simplification
  - Reduced customization options
- Searching & sorting
  - Reduced functionality or elimination
- Financial API removed from landing page



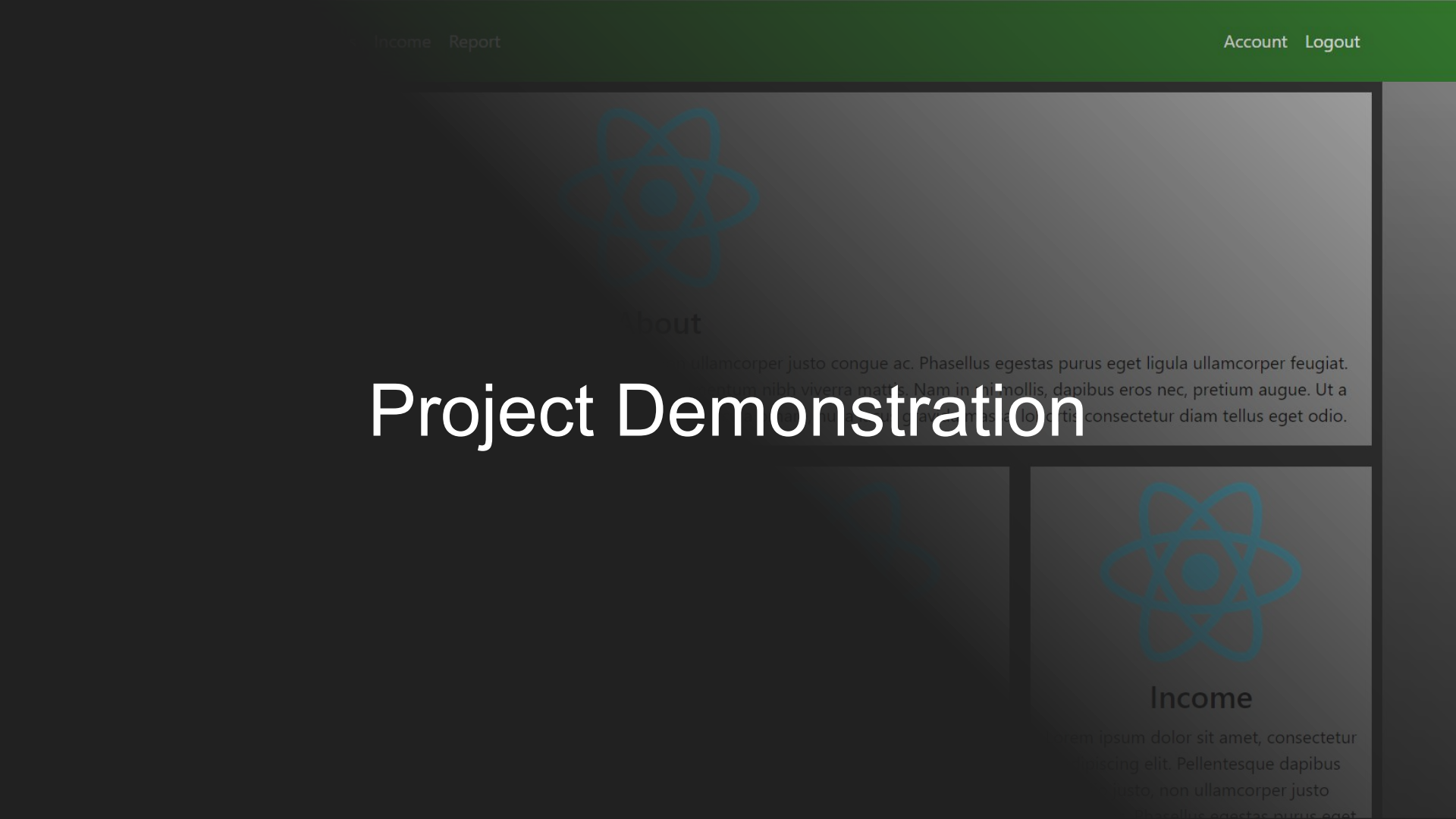
What Needs to be Accomplished

- Set up report controller / page - All
- Mpld3 development for visuals - Ethan, Ryan
  - Visual design, translation into code
- Set up budget page functionality - Ethan
  - Connect to other sections
- Finish UI/UX Development - Kasey
  - Including writing text for landing page, etc.



Project Obstacles

- Technology Unfamiliarity
  - Mpld3
- Keeping Deadlines
  - Catching up on overdue tasks while continuing forward progress
- Team Communication



Project Demonstration