

Scheduling Statistically

24 July 2024

Team member names

Godfrey (Product Owner & Backend)

Daniel (Frontend)

Garrison (Frontend)

Phillip (Final Scrum Master & Frontend)

Clayton (Backend)

Maz (Backend)

- Brief outline of problem/opportunity
 - Measuring your productivity can be hard.
 - Scheduling your future with your past in mind allows for more certainty in planning.
 - Whoever needs a better scheduling platform, try Scheduling Statistically.

Project Scope

- High level goal(s) (for this project)
 - Core Task Management
 - Basic User Interface
 - Productivity Tracking
 - Data Backup Features (Cloud & Local)

Challenges/Risks

Challenge 1: JavaScript

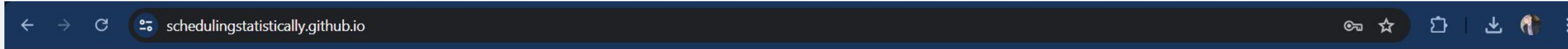
Challenge 2: ReactJS

Challenge 3: Communication & Scheduling

Challenge 4: Time Management

Challenge 5: Integrating UI into Database

Challenge 6: New Frameworks / Policies



Daily Planner

Add Task

Import

Export

Login

Login

Register

Register

Task List

Testing Task 3 60 minutes

Complete

Incomplete

Edit

Delete

Testing Task 4 120 minutes

Complete

Incomplete

Edit

Delete

Testing Task 5 180 minutes

Complete

Incomplete

Edit

Delete

Testing Task 6 10 minutes

Complete

Incomplete

Edit

Delete

test 1234 minutes

test 123 minutes

test 234 minutes

test 4234 minutes

test 23423 minutes

Incomplete Tasks

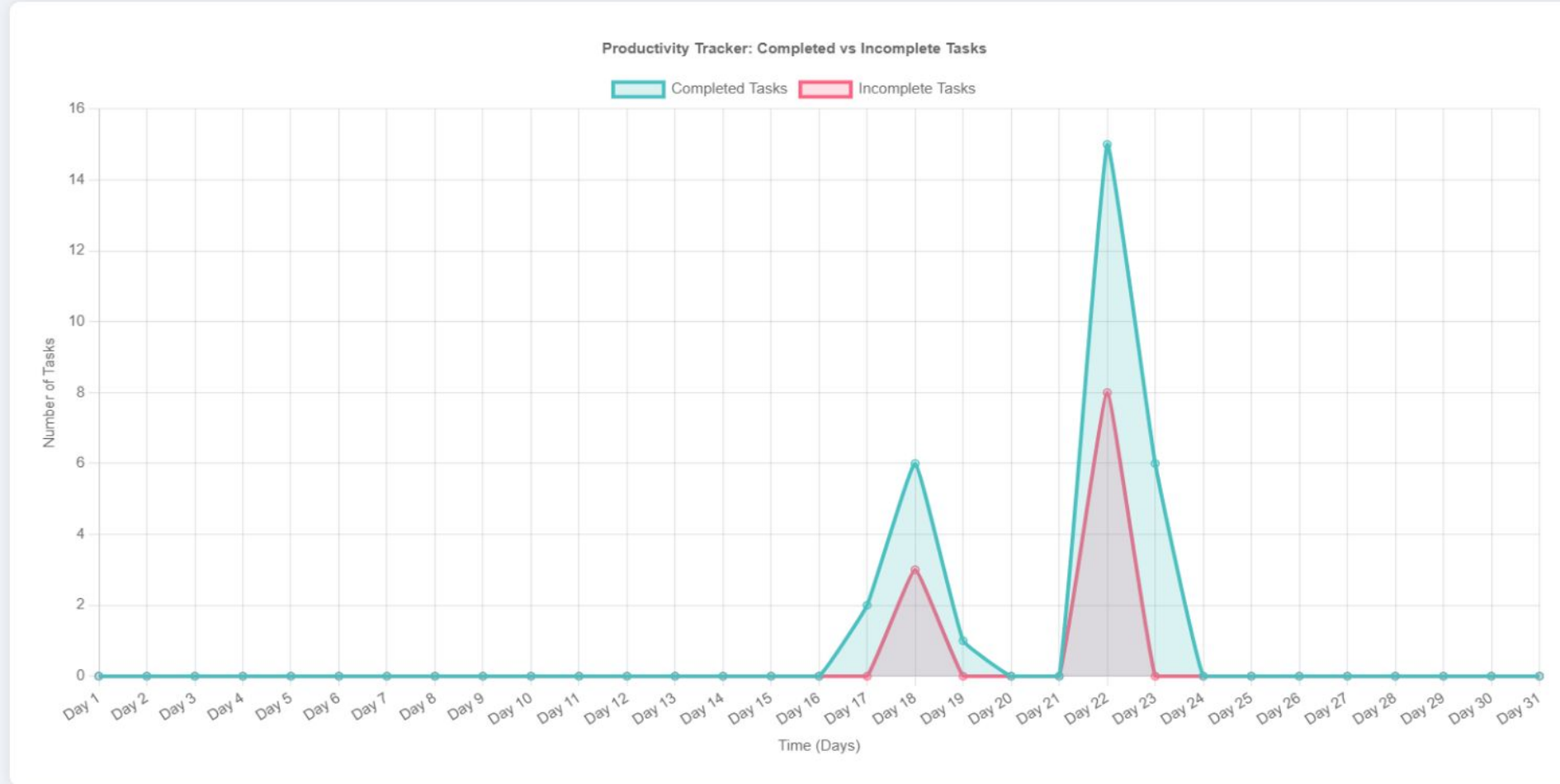
test 5 minutes

Reason: Overcommitment

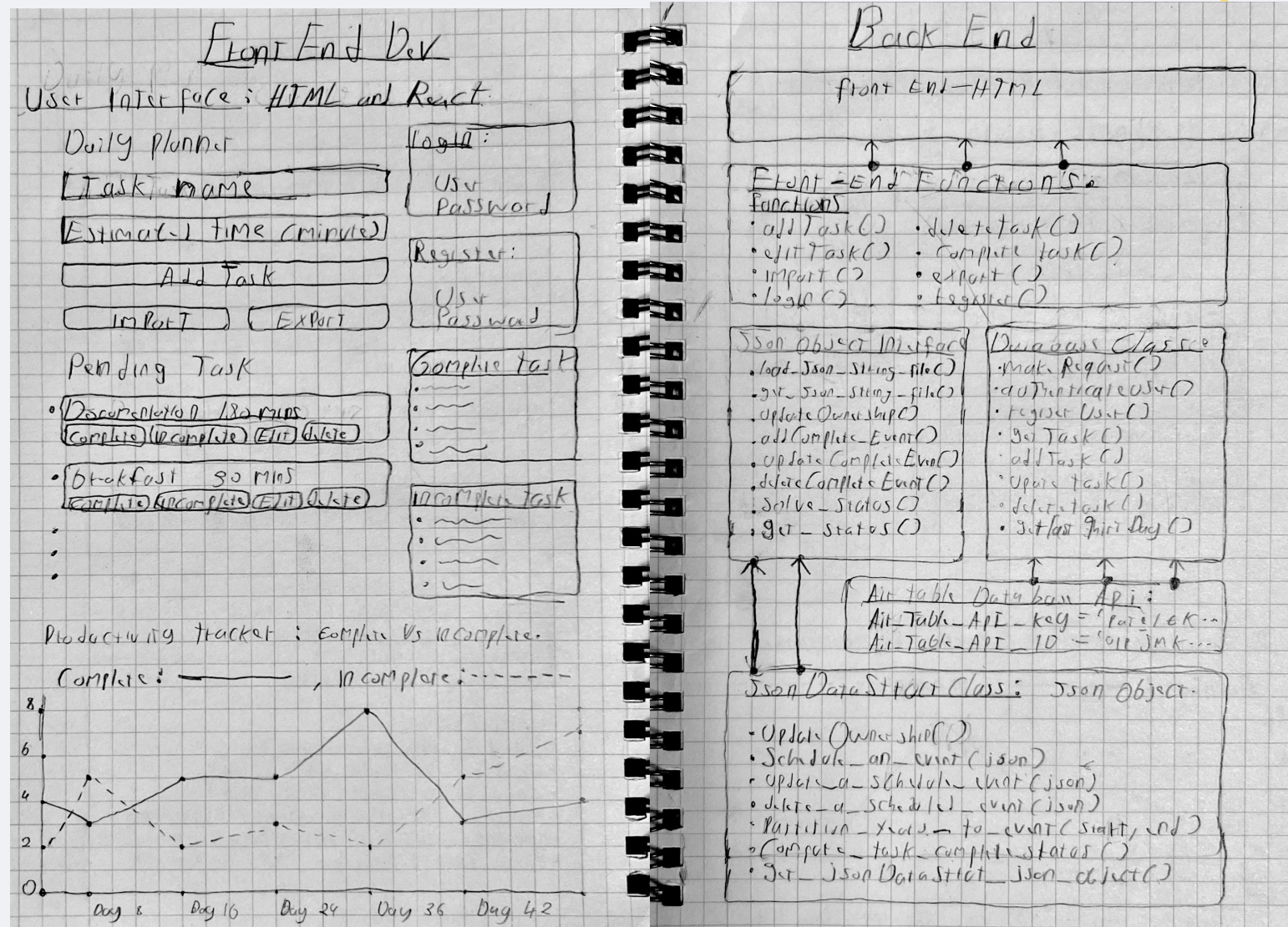
test 44 minutes

Reason: Procrastination

System Screenshot pt.3 UC SANTA CRUZ



Architecture



Technologies

Languages: HTML/CSS, JavaScript, NodeJS, etc.

Frameworks: ReactJS, Chart, Express, Swagger, etc.

Development Environments: Visual Studio Code, Neovim, etc.

Systems: Airtable

Version Control: git

Project Management: Jira

Techniques

SCRUM Standup meetings

Sprint Review

Sprint Retrospective

Burnup Charts

Task Boards

Definition of Done

Enjoyed / Not Enjoyed

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Enjoyed:

- Collaboration
- Exploring new technologies
- The Challenge
- Community

Not Enjoyed:

- JavaScript
- Time management complexities
- Different working hours

Lessons Learned

What Worked

- Meetings 3 times a week via hybrid

- Detailed planning sessions

What Didn't Work

- Airtable “easy” integration

- Charts.js “easy” integration

- Different working hours - caused difficulty scheduling

Regrets

- Start talking about database complexities early. Address and focus in.

- Front Load work more.