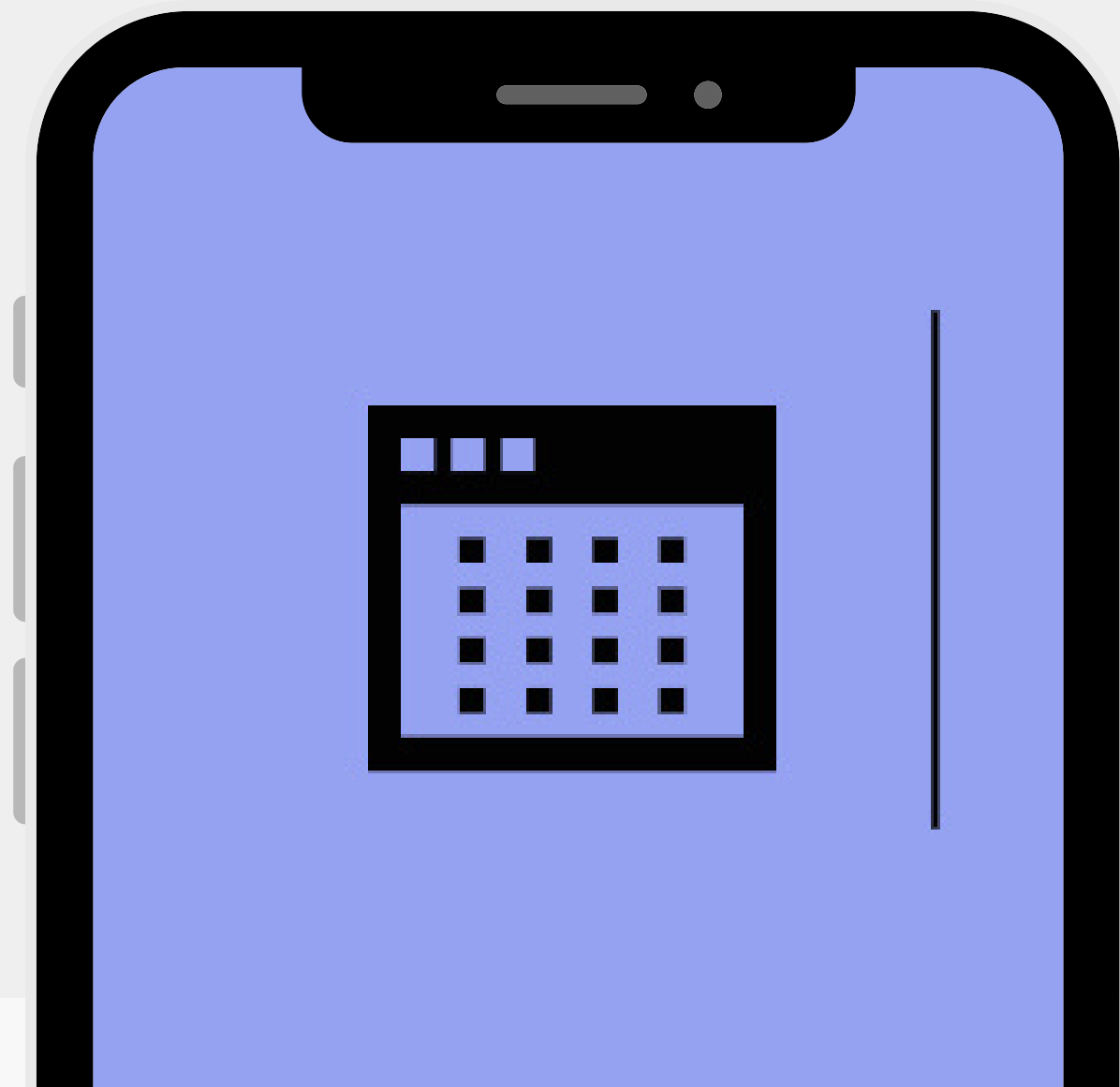


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The Future of School Planning



Open Planner inc

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5/04/2023

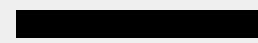
Fort Worth, TX

Executive Summary

- Introduction
- Product Overview
- Use-Cases in Depth
- Deployment and API
- Problems, Troubleshooting, Lessons Learned
- Result and Client Feedback
- Acknowledgements

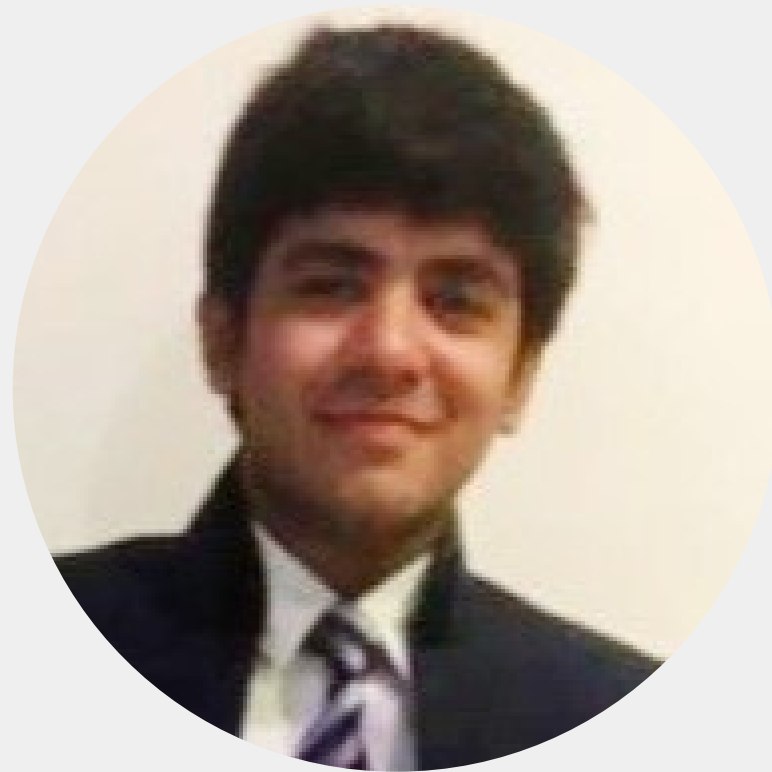


Introduction



Who we are and why we're here

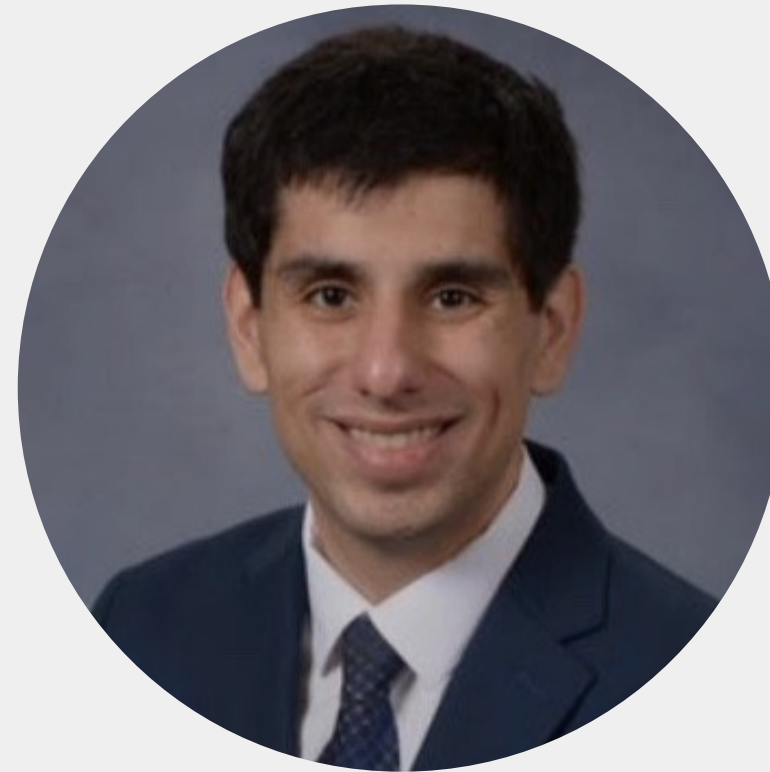
Our Team



Tanmay Kejriwal



Thoung Hoang



Shawn Fahimi



Alex Roa



Our Clients



Andrew Moore
Marketing/Sales



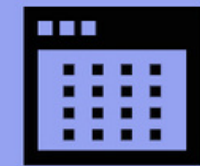
Trevor Matthews
Marketing/Sales



Dylan Servais
Finance/Real Estate



Our Client's Vision



Open Planner



Product Overview



How do we create the optimal product to our
client's vision?

Positioning

**What's the
Current
Solution?**

**What can we
improve?**



Product Overview

Priority Features

01

Create/Manage
user calendars to
fit different
schedules

02

Upload/Parse
syllabi to
automate event
setting for the
whole semester

03

Full-Service Admin
portal for
managing user
database and
PDF-event
information



Technology Stack

Amazon Web Services



Python/Django



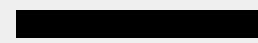
React.JS



PostgreSQL



Use-Cases



Breaking our vision and development plan
down into different units

User-Side

Account Management

- Create an account
- Add Syllabus

Event Management

- Add Event
- Delete Event
- Update Event

Calendar Management

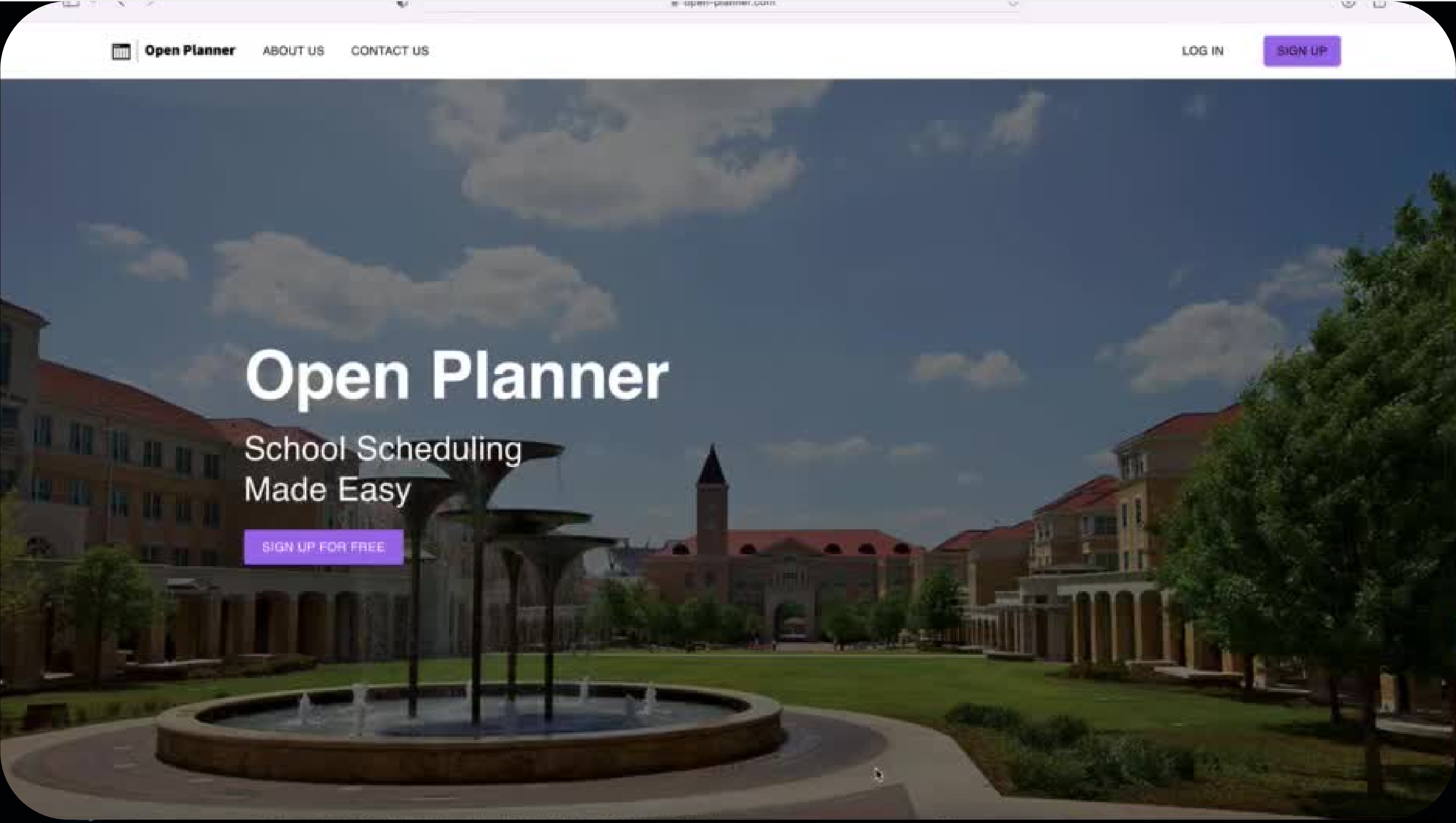
- Filtering Calendar
- Editing Calendar Filter Colors

Admin

- User-Led Feedback



User-Side Overview





Admin Panel

Admin

- Resolving User-Led Feedback

Event Management

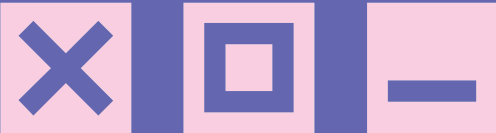
- Update PDF-Associated Events

User Management

- Create Admin User
- Delete Admin User



Admin Panel Overview



Open Planner

Dashboard

Settings

Log out

Dashboard

Name	Status	
Design_Thinking_PDF13097.pdf	PENDING	
Syllabus_-_Financial_Reporting_I.pdf	PENDING	
TAMU-Commerce_CSCI_430_SU21184874.pdf	PENDING	
Course.pdf	PENDING	
sp23_p10263lab_syll.pdf	Completed	
ENTR_30303_-_Syllabus_-_Sp_20228642.pdf	Completed	
ENTR30533-S22-Syllabus.pdf	Completed	
3_Faith_spring_2022_630_syllabus.pdf	Completed	
Cosmic_Origns_Syllabus.pdf	Completed	
CSF.pdf	Completed	
Cosmic_Origns_Syllabus_copy.pdf	Completed	

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Admin Panel Overview

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Open Planner

Dashboard

Settings

Log out

Parsing Design_Thinking_PDF13097.pdf

1 of 3

3/21/23, 10:45 PM

Course Schedule—Modified.html

WEEK 1: Jan 17 and 19

Before Class	During Class	Assignment Due
	Introduction to course	
Before Class	During Class	Assignment Due
Post Creative Thinking Discussion Post by Midnight the night before class; Start working in Sketchbook/Journal	Creative Thinking Discussion/Activities	Creative Thinking Discussion Post

WEEK 2: Jan 24 and 26

Before Class	During Class	Assignment Due
Continue working in Sketchbook/Journal		
Before Class		
Continue working in Sketchbook/Journal		

WEEK 3: Jan 31 and Feb 2

Before Class	During Class	Assignment Due
Continue working in Sketchbook/Journal		
Before Class		
Continue working in Sketchbook/Journal		

WEEK 4: Feb 7 and 9

Before Class	During Class	Assignment Due
Continue working in Sketchbook/Journal;	Complete Discussion of Creative Thinking and begin Finding Empathy Discussion/Activities	
Before Class	During Class	Assignment Due
Post Finding Empathy Discussion Post by	Finding Empathy	

✕

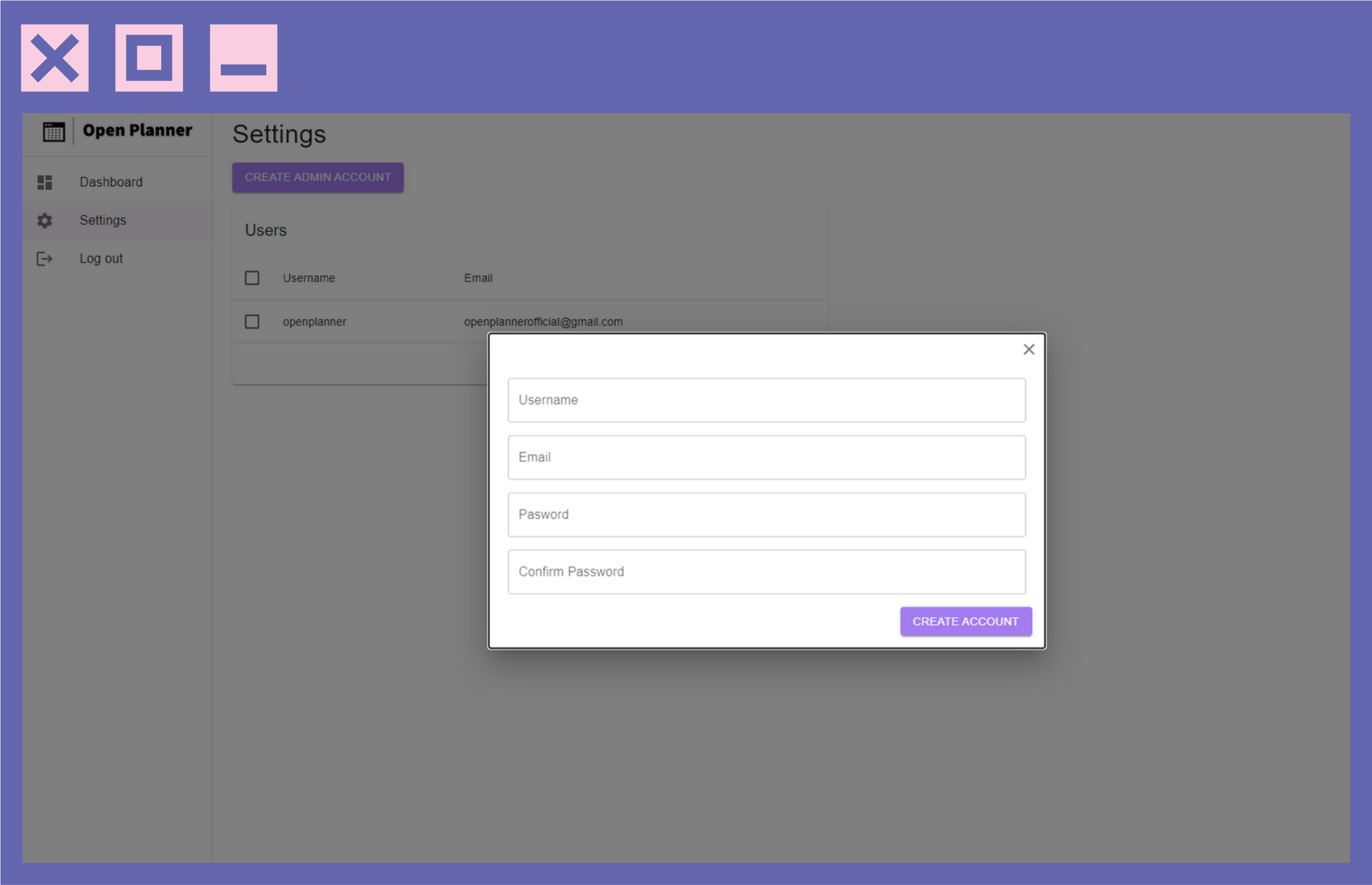
Assignment Name

Start To End

DONE

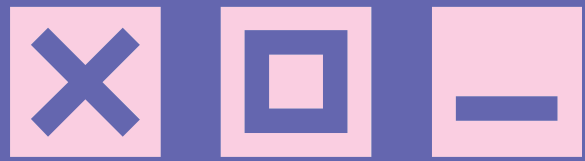


Admin Panel Overview



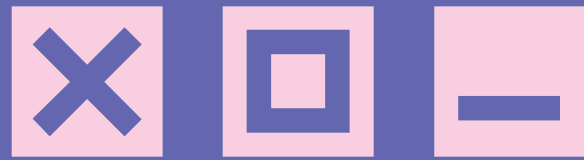
Deployment

Breaking Down Workflows

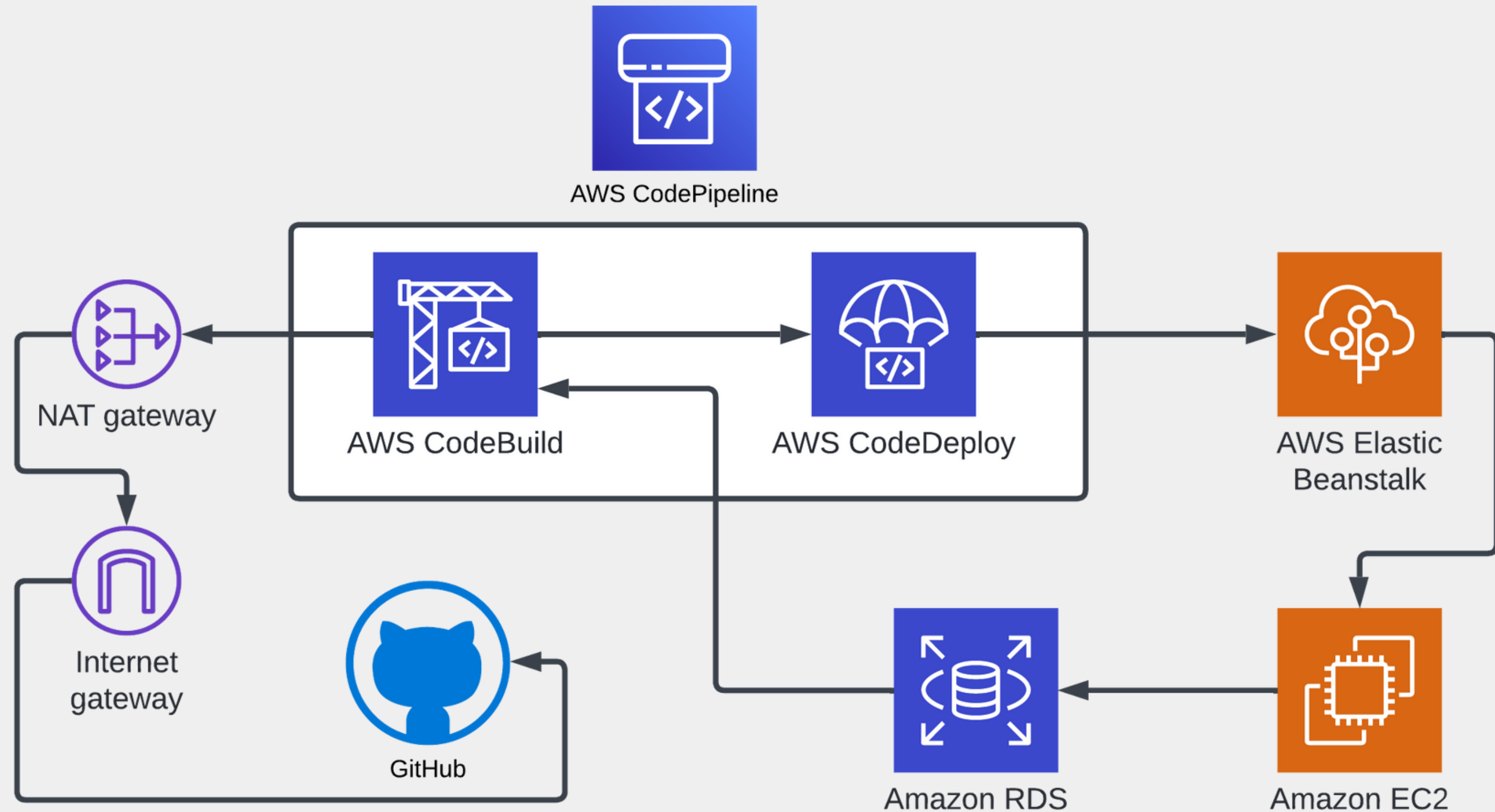


Front-End Pipeline Overview





Back-End Architecture Overview



Problems, Troubleshooting, Lessons Learned

How we overcame our challenges

Problems

- Intense workload
- Time constraints

Solutions

- Prioritize the core functionality first.
- Defer other features

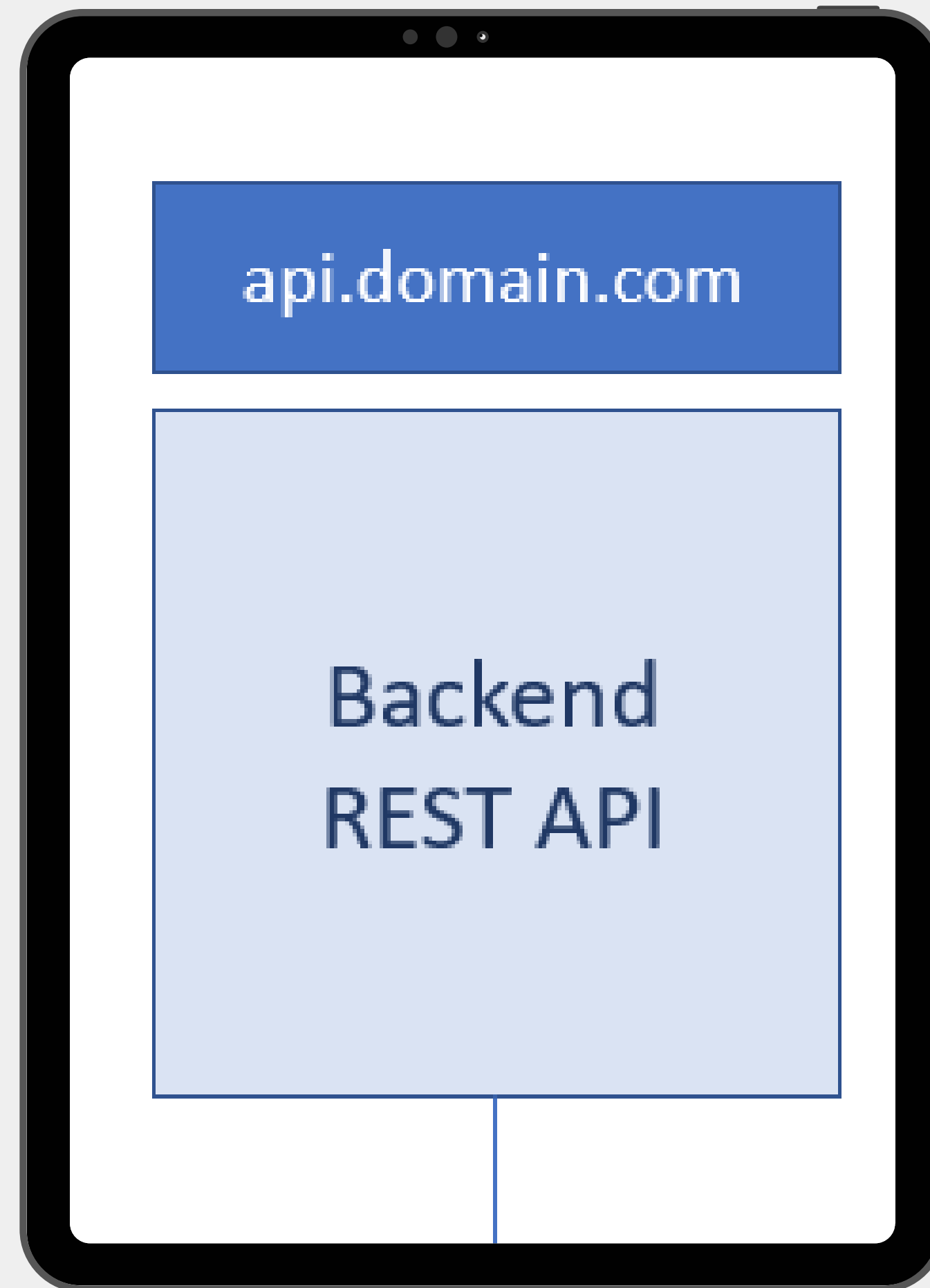


Ambition and Scope



API Connection

Connecting front-end and
back-end... who knew it
would be so hard?



Problems

- CORS errors and various bugs in responses.
- Expanding client needs required more API functionality.

Solutions

- Continuous testing and development.
- Communication with backend developers.

Problems

- Space management (tensor flow)
- AWS setup

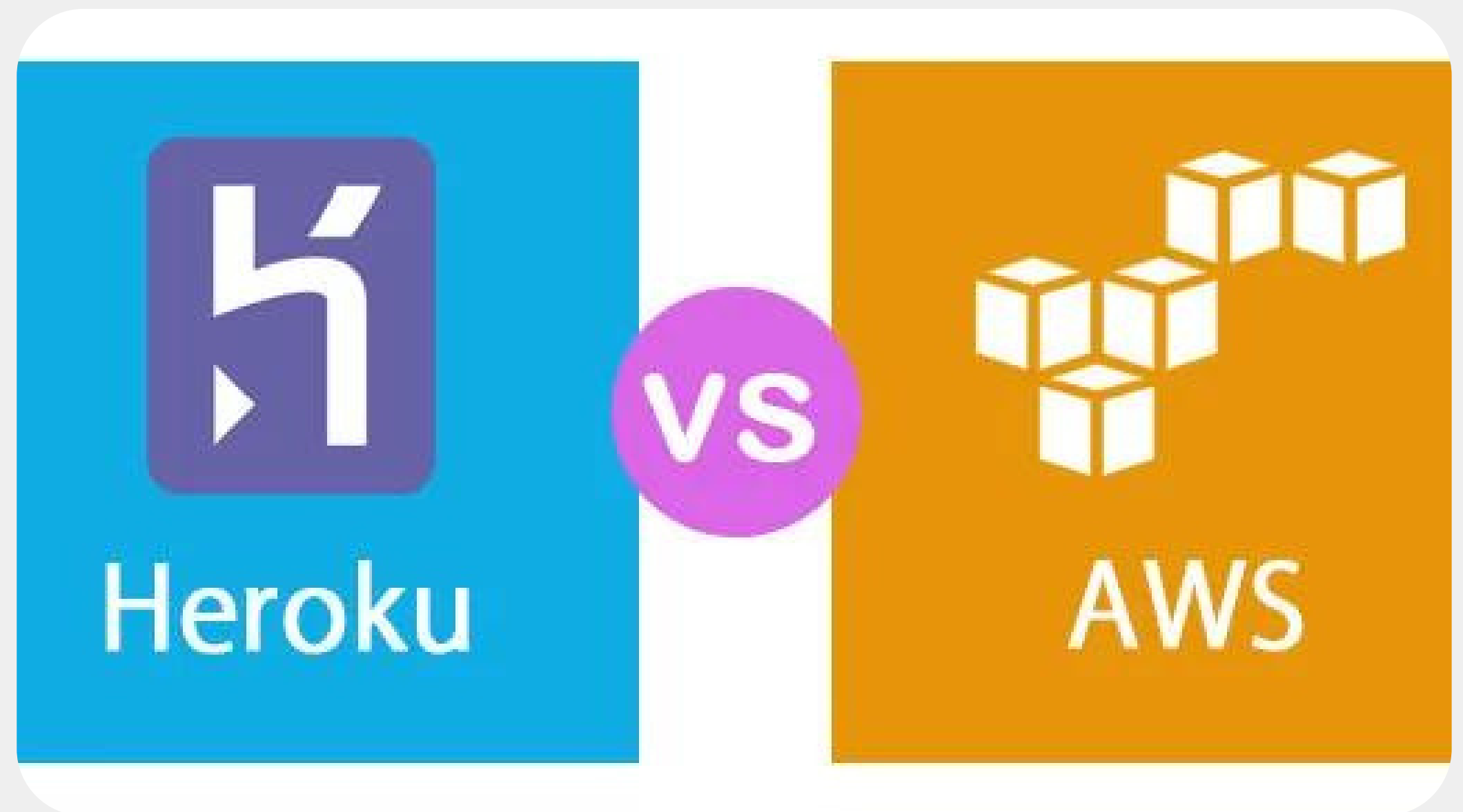
Solutions

- Switching to AWS for more storage to use tensor flow
- Looking at tutorials and reading the documentation on AWS



Deployment

Deploying our code to a domain for all to see

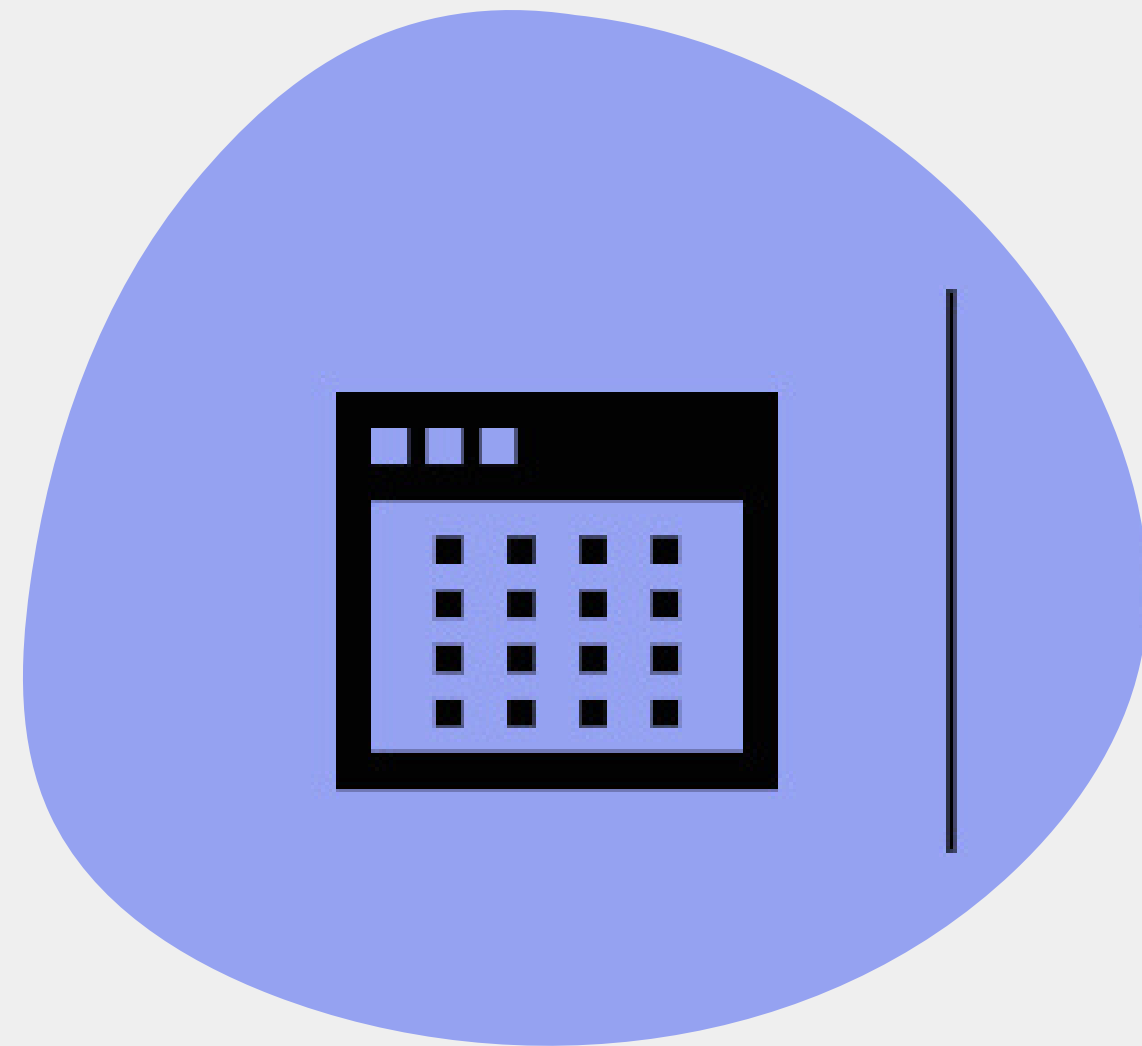


Results and Feedback



How we made good on our promises

Our Result



include where its been presented

feedback from audiences

Feedback

From Client

"The Open-Planner development team went above and beyond to build our dream software."



Acknowledgements

Giving credit where credit is due

From the OP Dev Team...



TCU

Our University

Questions?
