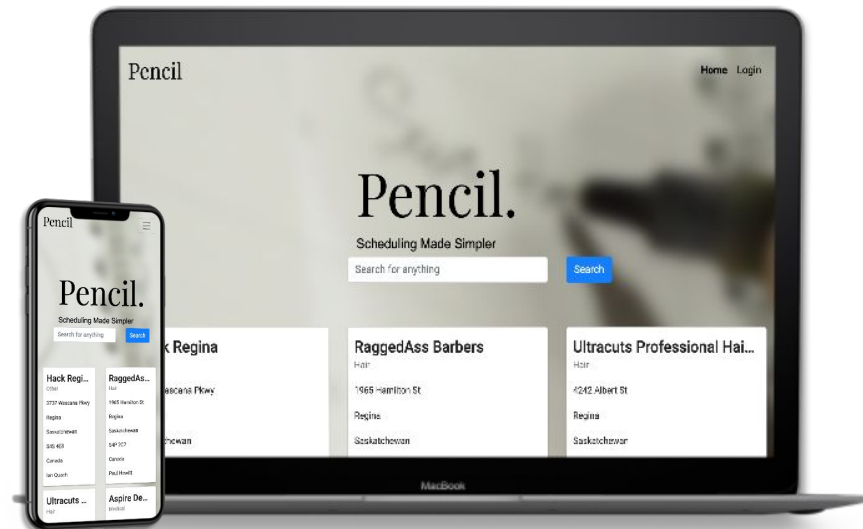


# Pencil

## Paul Hewitt & Ian Quach

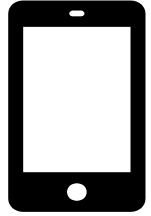
03/10/20



# What are we doing?



- Lightweight, flexible customer scheduling
- Business Aggregator
- SaaS



# Why?

- Rise in social media ‘entrepreneurs’
- Remove the need for communication prior to booking
- Relatively tight scope
- Available to anyone that manages customers
- Provides a directory of local businesses



# How we stack up

	Pencil	YouCanBook	SquareSpace
Gamification/Rewards	✓	✗	✗
SMS/Email Alerts	✓	✓	✗
Third Party Integrations	✓	✓	✗
Customer Tracking	✓	✗	✗
Google Maps API	✓	✗	✓

# Meet Andy



 @chungcuts

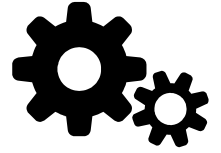
- Currently uses YouCanBook
- Cuts 13-15 clients a day, 6 days a week
- ~350 clients total



# Planning Details

- Agile
  - Sprints, Standups, Scrums etc.
- USM
- Lo-Fi Prototypes
- KanBan/ScrumBan combination

# Technical Details



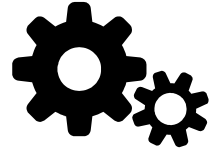
## Frontend

- Angular
  - HTML, CSS, TypeScript
- Bootstrap

## Backend

- AWS
  - GoLang
- ServerLess Framework

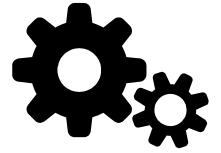
# Technical Details



- RestAPI
- MVC Design Pattern
- NoSQL Database (AWS DynamoDB)
- FaceBook API for Users

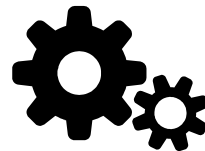


# RestAPI



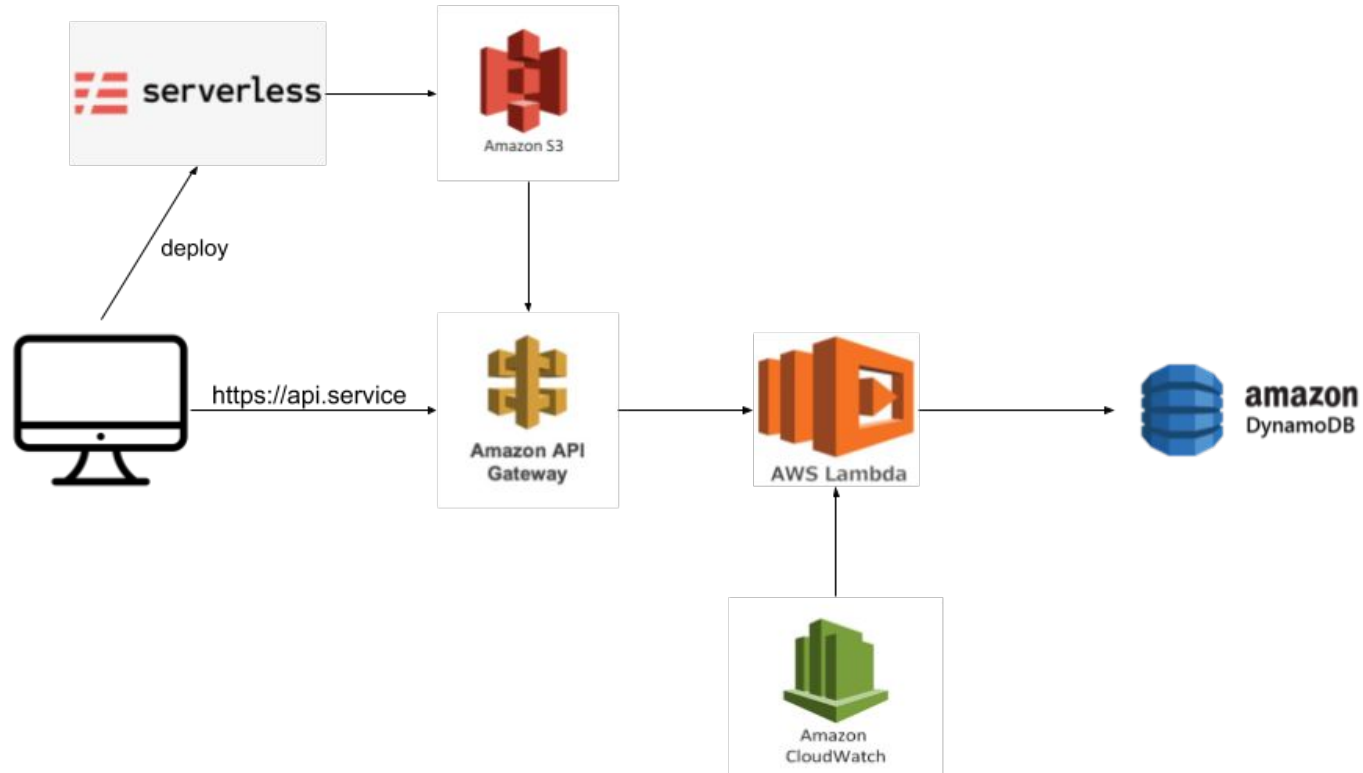
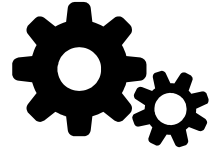
- <https://api/business>
  - GET (query param)
  - POST
- <https://api/businesses>
  - GET
- <https://api/schedule>
  - GET (query param)
  - POST
  - PUT

# AWS



- CloudWatch Logs
- S3
- APIGateway
- Lambda
- DynamoDB

# AWS

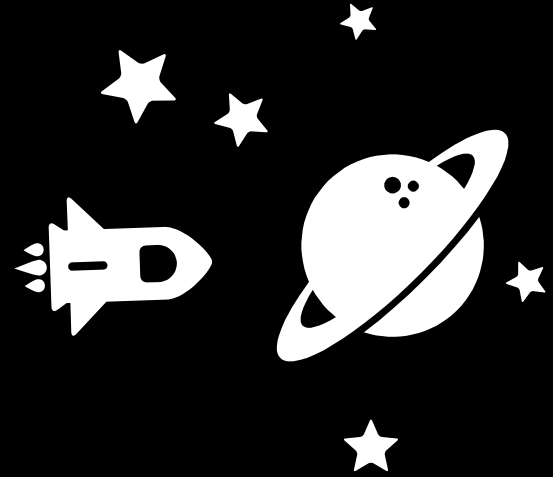


# **Documentation**

# Demo

# Reflection

- Do you feel you are on track?
  - Product yes, probably about 85-90% complete
  - Documentation no, have lots of notes to compile
- Barriers to Success?
  - Not really



# Questions?