Capstone Project

Project Goals

- Deepen your learning about material we have studied
- Learn to work as a team in a longer time frame
- Have a great project to talk about with employers
- Solve difficult problems
- Talk to users that you can get (other developers)
- Explore new technologies*
- Focus on design*

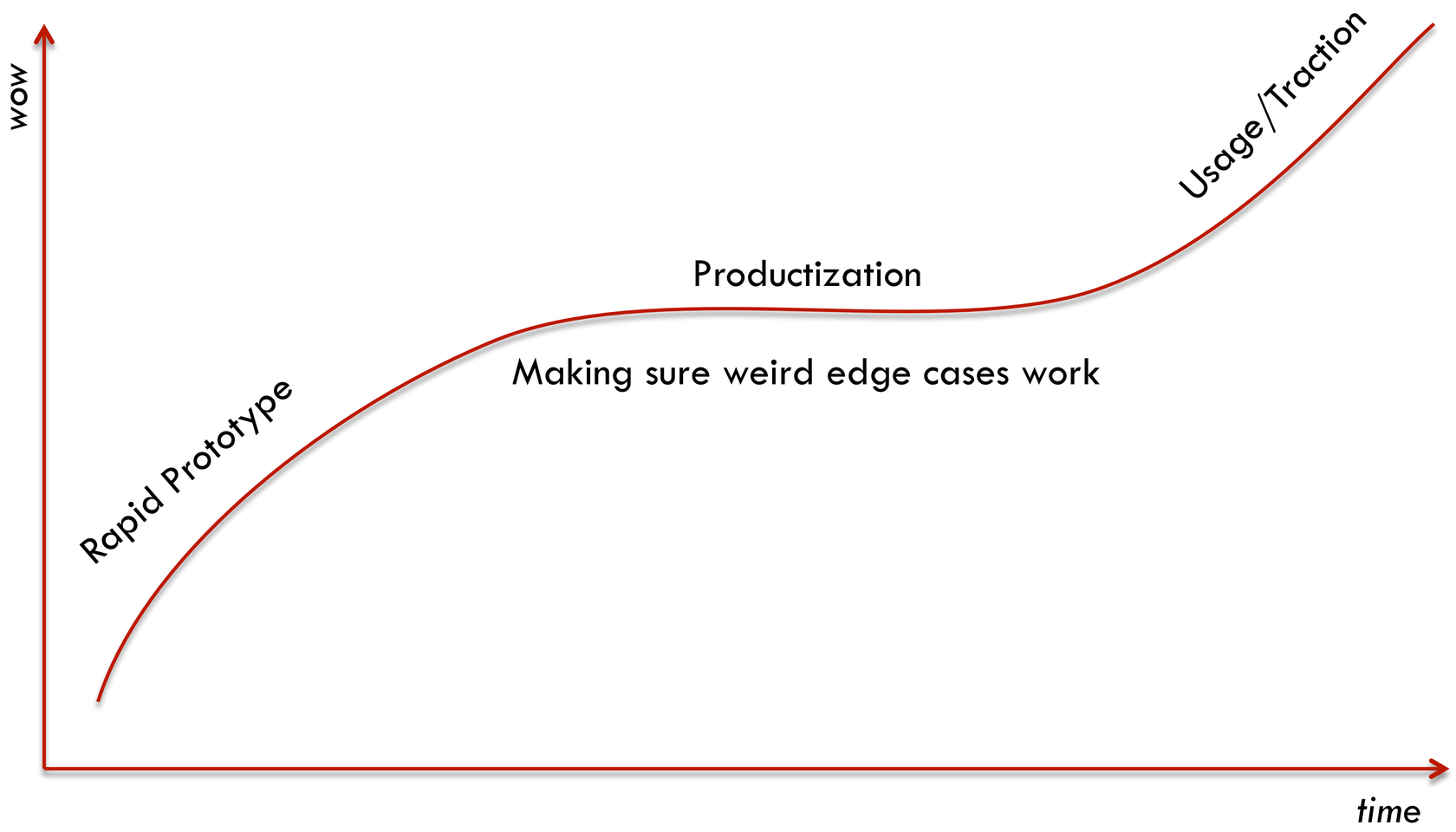
Project "Anti"-Goals

- Launch a Startup / Make Money
- Learn shallowly in a different ecosystem
- Use stuff where we can't really help you if you get stuck
- Explore new technologies*
- Focus on design*

Project Meta-categories

- Tools for developers
- Tools for people learning to code / education
- Tools for collaboration, communication, organization
- Real-time interactions
- Data Visualization
- Games
  - (Card, Board, Physics Engines)
- Chrome Extensions
  - (Browsing Info, Modify Current Sites, Aggregate Information)

Wow Factor S-Curve



Project Ambition Matrix

	Low Ambition	High Ambition
Low Risk	Single User Todo List CRUD Apps Connect two APIs	Usually "for the Web" For Developers (SourceSearch, LearnDot, Graffiti)
High Risk	Deploying a mobile app New Non-JS Stacks	3D Games Hardware Oculus Rift (Hex Island)

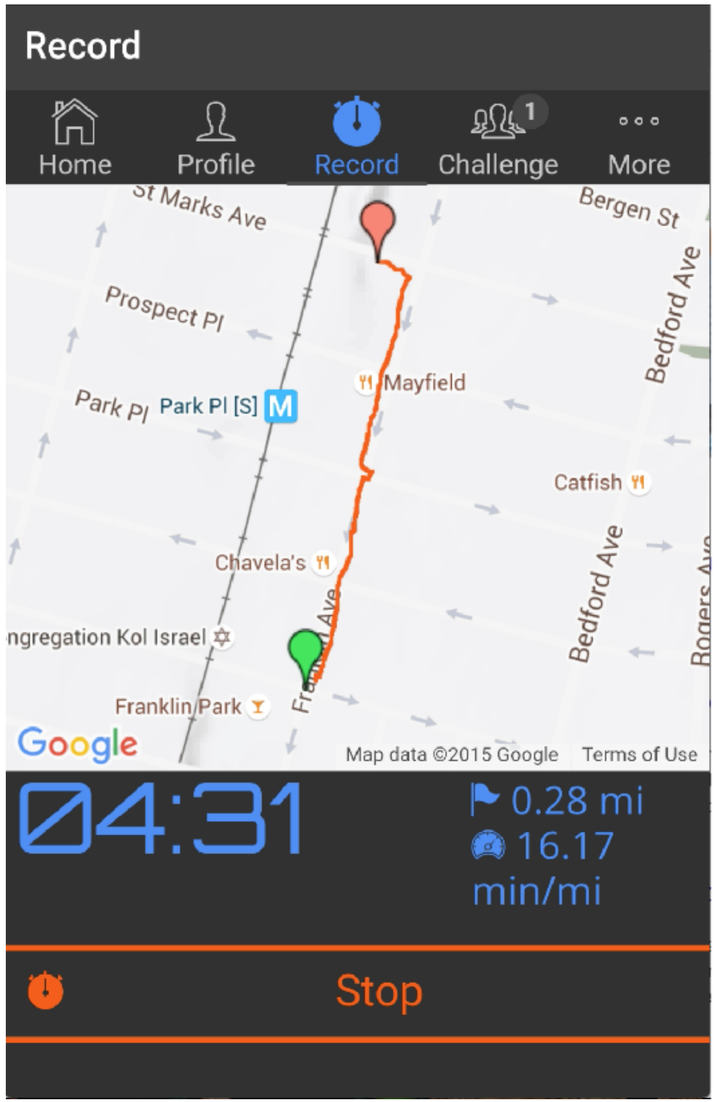
Project Idea Generation

- http://bit.ly/fullstackideas
- https://www.codemontage.com/projects?tags=JavaScript
- http://producthunt.com
- http://www.ideamachine.io/
- https://github.com/sindresorhus/awesome-nodejs
- Staff and fellows!

Project Ideas

- You'll get differing ideas from different people on the staff - there is no right answer on the perfect project!
- If you're completely lost - we can assign you a project
- Don't optimize too hard for what employers like - if you don't get the space and aren't interested - that's going to come through more

Ghost Runner (1509)



Step Squared (1509)

VANILLA CUPCAKE RECIPE

BY: OMRIMASTER | CATEGORY: DESSERT

☆☆☆☆☆

DESCRIPTION

A delicious recipe to make moist Vanilla Cupcakes.

TIME REQUIRED

Total: 40.25 mins | Standby: 10.25 mins | Active: 30 mins

SERVING SIZE

5

EQUIPMENT

- Beater
- Cupcake Liners
- Wire Rack

INGREDIENTS

+All	Quantity	Unit	Item
	0.5	cups	Butter
	0.75	cups	Caster Sugar
	1	tsp	Vanilla
	1.5	cups	Standard Flour
	2		Eggs
	1	tsp	Baking Powder
	1	tbsp	Sour Cream
	0.5	cups	Milk

+ Add To Grocery List

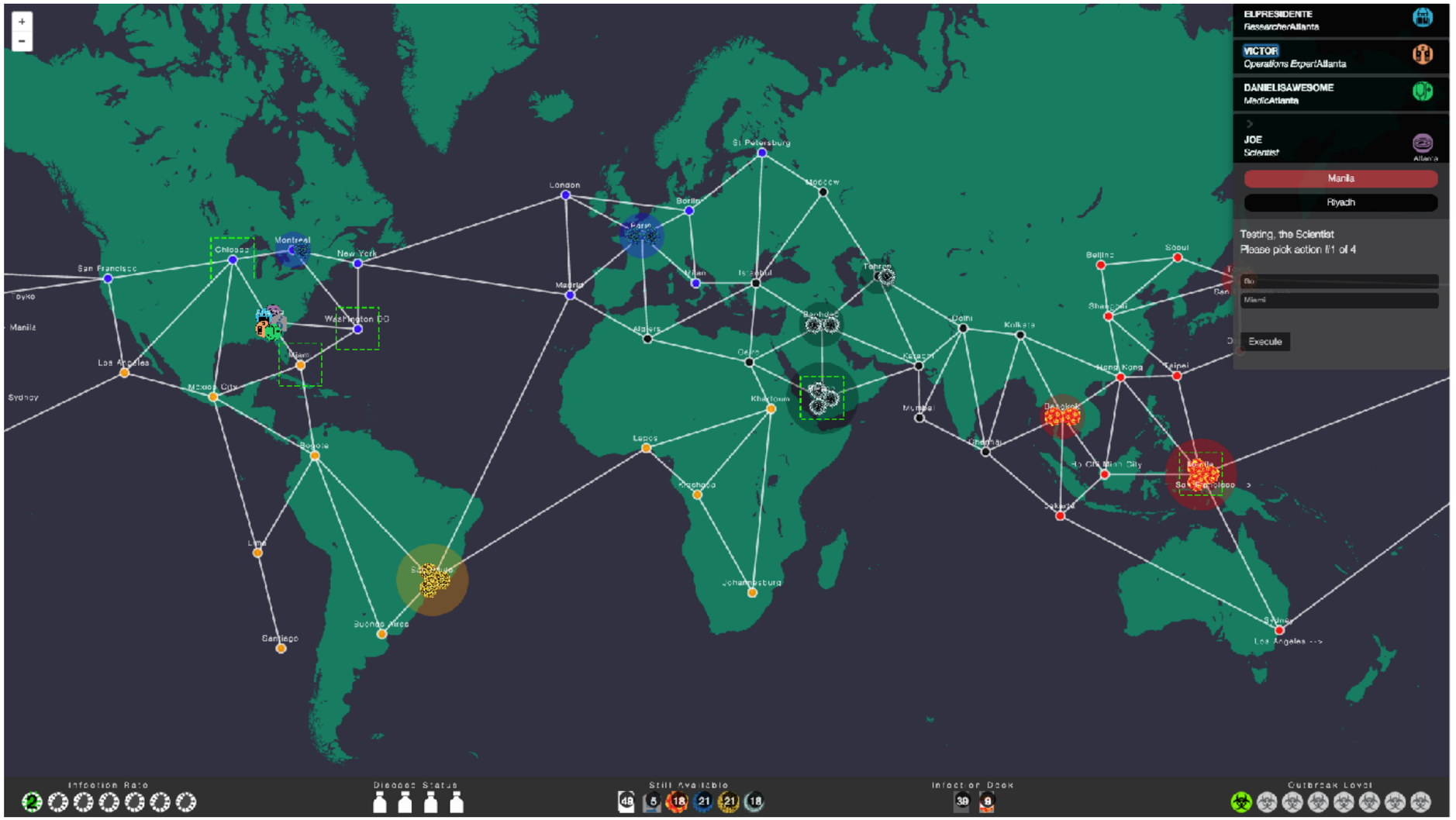
STEPS

1 | Preheat Oven | 2 | Butter and Sugar | 3 | Mix wet ingredients | 4 | Eggs
5 | Dry Ingredients | 6 | Milk and sour cream | 7 | Cupcake batter
8 | Cupcake Liners | 9 | Baking

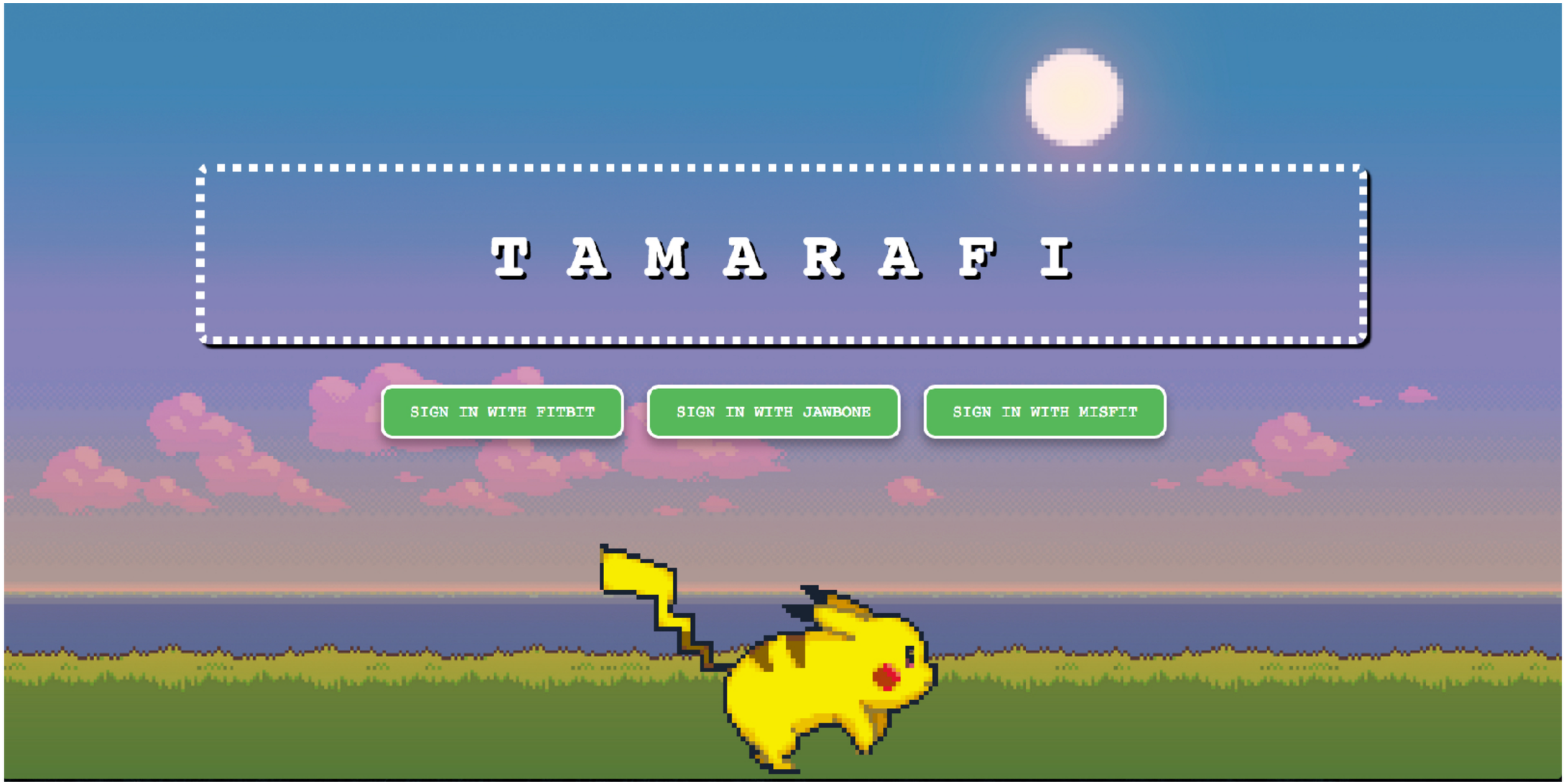
START

RATE THIS RECIPE:

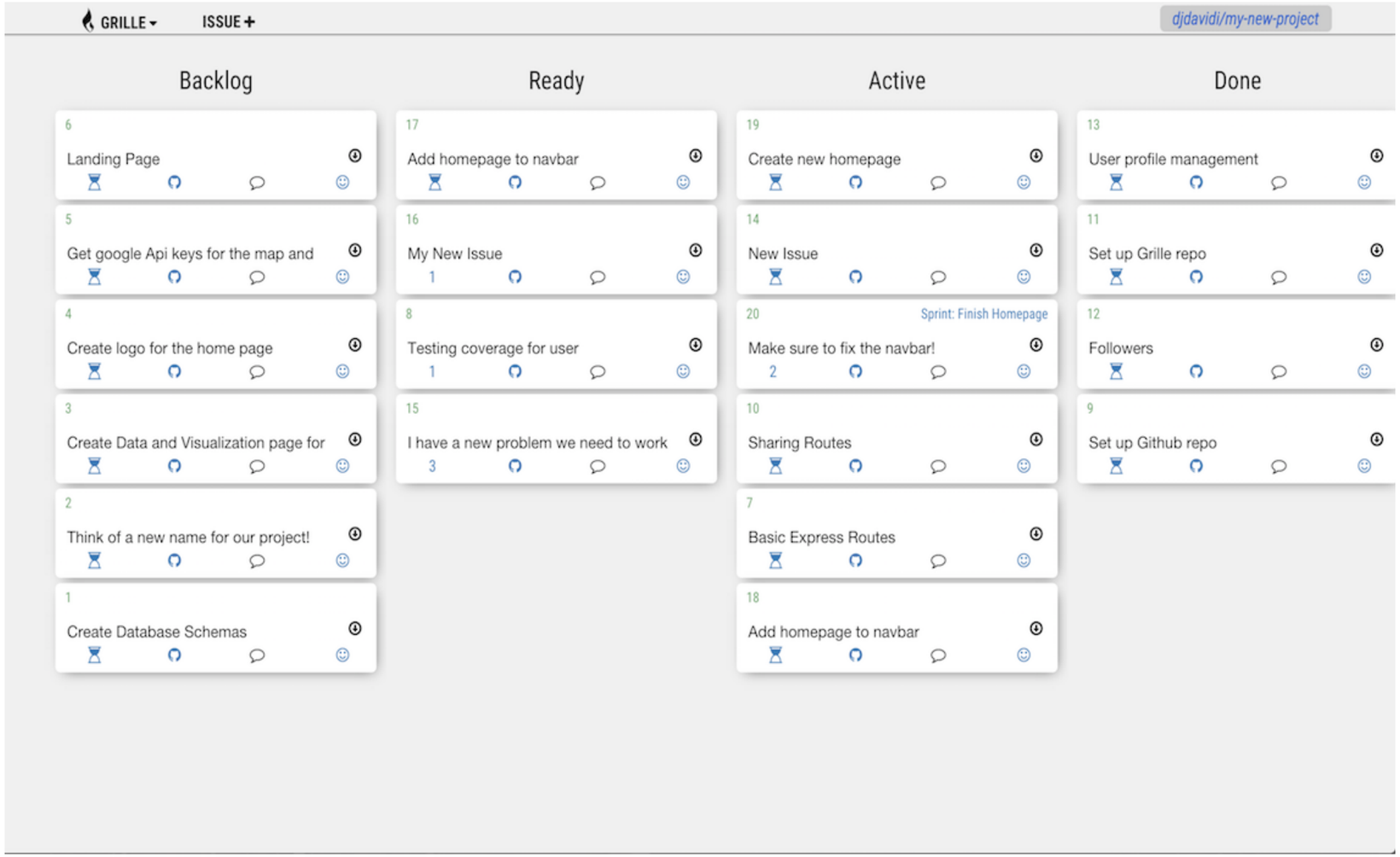
Outbreak (1511)



Tamarafi (1511)



Grille (1509)


GRILLE
ISSUE +
djdavidi/my-new-project
Backlog
Ready
Active
Done
6
Landing Page
5
Get google Api keys for the map and
4
Create logo for the home page
3
Create Data and Visualization page for
2
Think of a new name for our project!
1
Create Database Schemas
17
Add homepage to navbar
16
My New Issue
1
8
Testing coverage for user
1
15
I have a new problem we need to work
3
19
Create new homepage
14
New Issue
20
Sprint: Finish Homepage
Make sure to fix the navbar!
2
10
Sharing Routes
7
Basic Express Routes
18
Add homepage to navbar
13
User profile management
11
Set up Grille repo
12
Followers
9
Set up Github repo

Project Timeline

- Wednesday morning (tomorrow): pitch idea and MVP
- Thursday morning: show deployed app with boilerplate built out (recommendation: boilermaker)
- Friday afternoon: one-feature demo to us and your peers
- Monday: code reviews
- Tuesday morning: alpha demo
- Wednesday morning: (refactor) test, document demo
- Thursday morning: beta with user survey

Let's brainstorm!