

# Timetab

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## Team Makronii

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- **Scrum Master** - Prasana Guthy
- Jeffrey Liu
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# Outline

- Web app to coordinate event scheduling
  - Meetings, conferences, hangouts
- A modern alternative to When2Meet
  - Mobile-friendly
  - Modern UI/UX
  - Improved input methods

# Project Scope

- Create a modern, accessible website that allows people to communicate when they are available to each other.
- Create an intuitive and easy-to-use method of inputting times.
- Create a website that works well across all devices.

# Sprint 1

- User Stories
  - *As an event planner, I would like to find out when people are free so that I can schedule an event. (21 SP)*
- Spikes
  - Learn React, TypeScript, Firebase SDK, etc.
- Infrastructure
  - Set up Firebase app
  - Set up Git repository

# Sprint 2

- User Stories

- *As an event attendee, I would like to communicate my availability to the event planner and other attendees so that I can attend the event. (21 SP)*
- *As a person who is editing my availability, I would like to easily add or remove my availability so that I can communicate my availability effortlessly. (8 SP)*

# Sprint 3

- User Story
  - *As a mobile phone user, I would like to be able to communicate my availability to the event planner and other attendees so that I can attend the event. (13 SP)*
  - *As a colorblind person, I would like to be able to communicate my availability to the event planner and other attendees so that I can attend the event. (2 SP)*

# Sprint 4

- User Stories

- *As a person who is hard of sight, I would like to be able to scale the text and schedule so that I can more easily see what I am doing. (1 SP)*
- *As a team member with teammates in separate time zones, I want to synchronize our schedules so that we don't lose track of people's availability. (13 SP)*

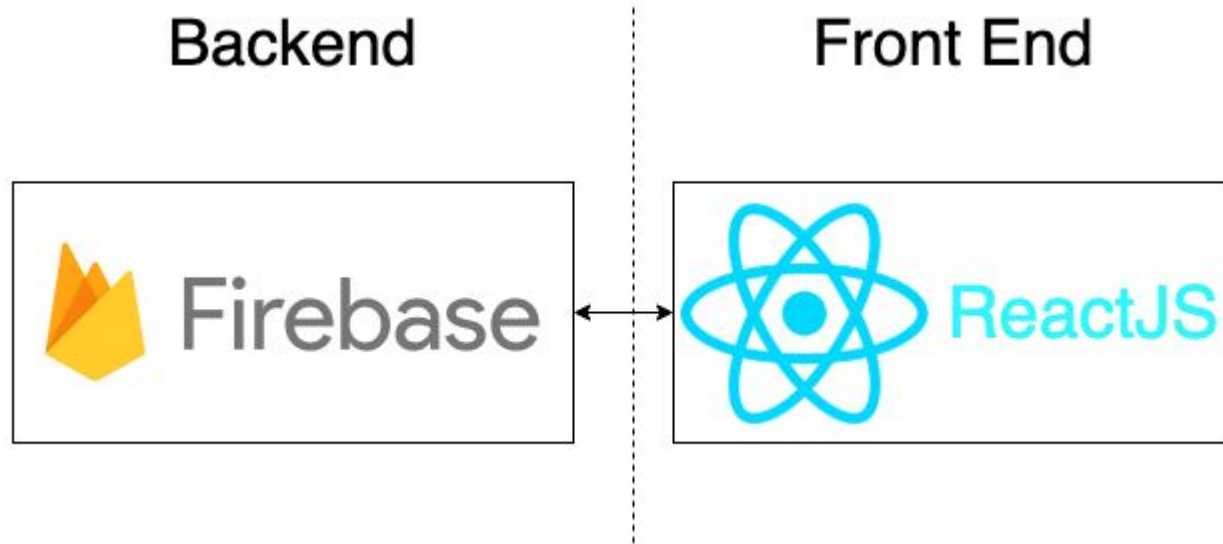
- Spikes

- Create/find library to easily do time conversions

- Infrastructure

- Purchase domain for app

# Architecture





# Technologies

- React + TypeScript
- Firebase
- UI Libraries
  - MUI, react-bootstrap
- Visualization Libraries
  - three.js, d3.js, etc.

# Challenges/Risks

- Limited experience in technologies used
  - Only one person with React experience
- Already an existing product that we need to compete with
  - May not improve on existing products
- Front-loaded since minimum functionality is the most difficult part

# Minimum Viable Product (MVP)

- As an event planner, I would like to find out when people are free so that I can schedule an event.
- As an event attendee, I would like to communicate my availability to the event planner and other attendees so that I can attend the event.
- As a person who is editing my availability, I would like to easily add or remove my availability so that I can communicate my availability effortlessly.