# TutorBase

## In-Demand Tutors
## On-Demand

# What is TutorBase?

*A tutor management platform for connecting students and tutors at RPI*

## FEATURES

**Connect With Tutors**

- Clients search by class and subject
- Simple scheduling process
- Email booking notifications and reminders

**Control Your Operations**

- Manage bookings
- Data metrics and visualization
- Intuitive schedule and pricing control

## DEVELOPMENT STACK

**M** - MongoDB

**E** - Express.js

**R** - React.js

**N** - Node.js

# Team

## Project Manager

**Jason Nguyen**

Junior / CS

**Jeremy Weiss** 🤯

Junior / CS

## Developer
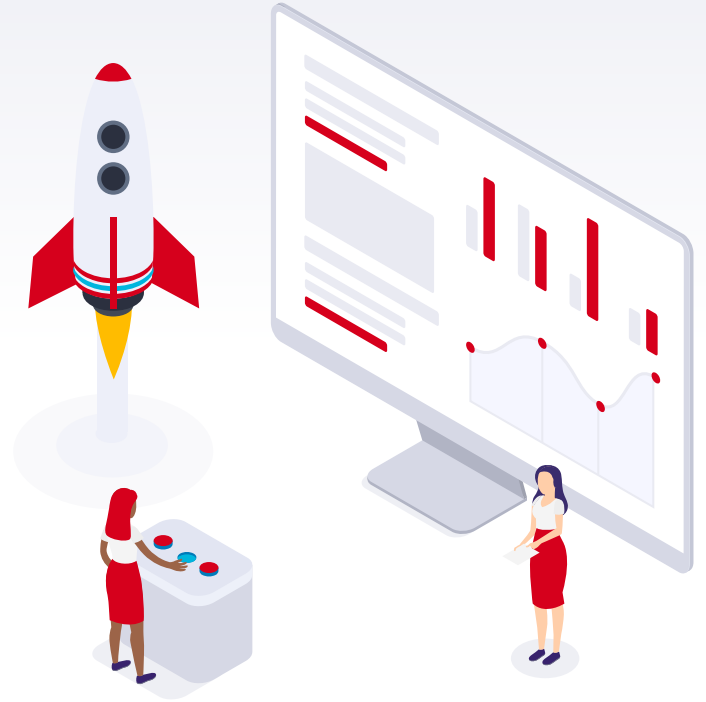
**Adam Cohen**

Junior / CS && MATH
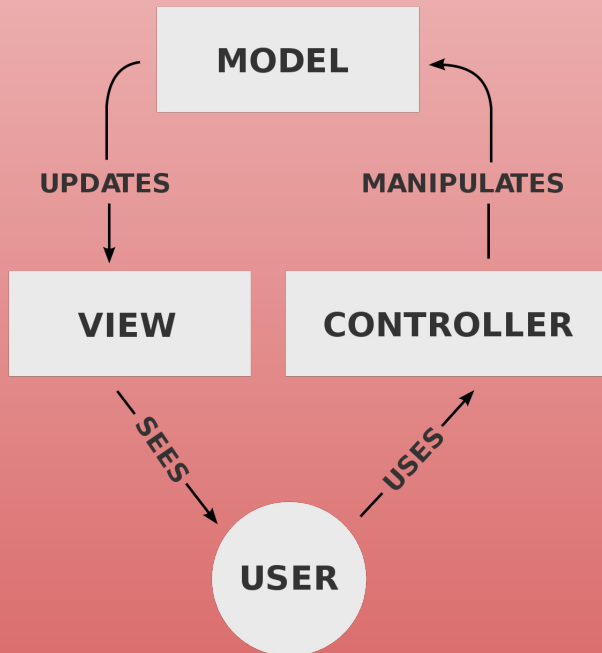
**Jeff Wenner** 👻

Junior / CS

**Vishaal Kasinath** 🤒

Junior / CS

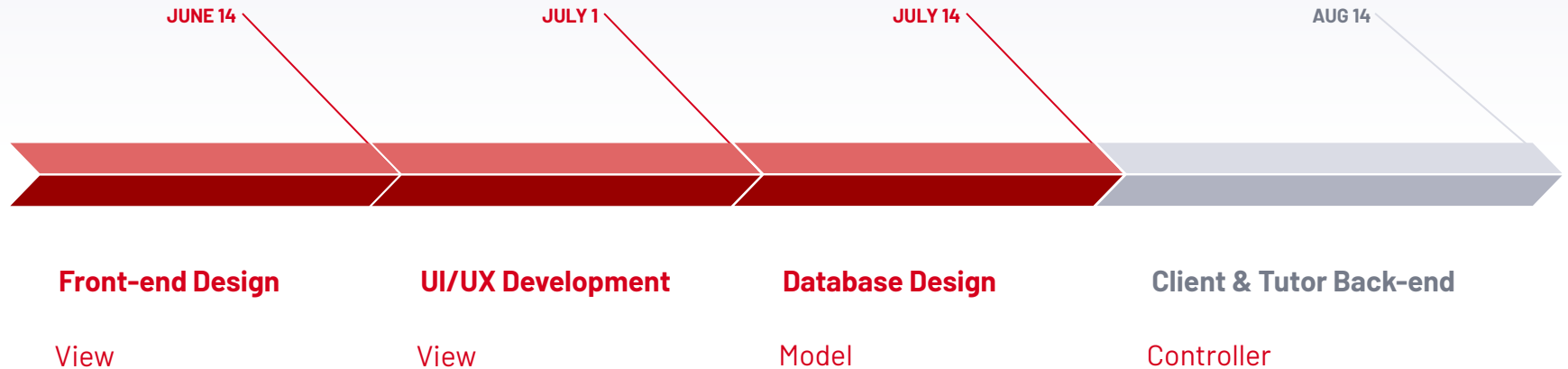# 1 Project Organization

# MVC Pattern

# Timeline

| JUNE 14 | JULY 1 | JULY 14 | AUG 14 |
|---------|--------|---------|--------|

**Front-end Design**

View

**UI/UX Development**

View

**Database Design**

Model

**Client & Tutor Back-end**

Controller

# PM Tools

- Agile Methodologies
  - ▷ 2-Week sprints
  - ▷ Bi-weekly meetings
- Trello
- GitHub
  - ▷ https://github.com/DangItJason/TutorBase

Personal  Private  JN JW AC JW VK  Invite

Calendar  Butler (3 Tips)  Show Menu

## Product Backlog

Initialize project setup for MERN stack

Simple Scheduling UI/UX (1)
4/4

Provide client with information (2)
0/2

Provide tutor with ability to control operations pt. 1 (3)
0/2

Provide tutor with ability to control operations pt. 2 (4)
0/4

+ Add another card

## User Story Backlog

Email bookings notifications and reminders (2)

See schedule of appointments (3)

Schedule and pricing control (3)

Data metrics and visualization (4)

Shift expired appointments to past appointments

+ Add another card

## Sprint Backlog 7/7 - 7/21

Provide tutor w/ appointment information
JN VK

Provide client w/ appointment information
JN

Load client dashboard w/ appointment information

Load tutor dashboard w/ appointment information
JW VK

+ Add another card

## In Progress

Provide UI flow w/ appropriate information and backend functionality
1  0/2  JN JW

+ Add another card

## Sprint Complete 7/7 - 7/21

+ Add a card

## Sprint Backlog 6/15 - 6/29

+ Add a card

## Sprint Complete 6/15-6/29

Client dashboard page (1)

(7) User Flow Component

Tutor dashboard page (1)
JW

(8) User Flow Component

(6) User Flow Component

(9) User Flow Component

Card visualization of tutors (1)
AC

(10) User Flow Component

(5) User Flow Component

Forward Client User Flow (Schedul Process) (1)

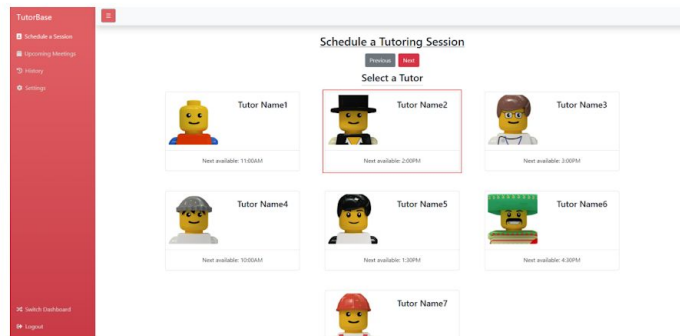+ Add another card

8

**2**

# Implementation

Accomplishments

# In-demand RPI tutors on demand.

Find the help you need with confidence for any offered class on RPI's very first remote, hiring platform for students.

**SIGN UP NOW!**    **LOG IN**

# TutorBase

- Schedule Preferences
- Upcoming Meetings
- History
- Analytics
- Settings

- Switch Dashboard
- Logout

# Tutor Dashboard

## Courses

This is where the tutor will be able to add or drop classes they are tutoring for.

Add New Course    Drop Course

# Scheduling Demo

**3** **What's next?**

Goals, Vision

# Fall '20 Goals

## *Finish MVP*

1. Controller
2. Tutor Dashboard Features

## *Onboarding*

1. New contributor guidelines and documentation

## *User Feedback*

1. Test, Test and Test
2. Confirm
   a. Design
   b. Usability
   c. Functionality
3. Iterate

# Long-term Goals

## RPI Adoption

Our goal is for the campus to adopt this product as the primary solution to academic help. After this goal is met, our eyes are then set on other Universities and Colleges suffering from the same problem.

## Mobile App

We would like a mobile version of this application to provide stability, unique functionality to mobile users and a robust notification system.

## Payment Handling

We plan to integrate a PoS system into the platform to process transactions for easier, more reliable client payments and tutor payouts.
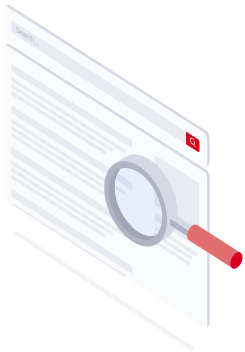
# THANKS!

## Any questions?

You can find us at:

- ▶ [tutorbaserpi@gmail.com](mailto:tutorbaserpi@gmail.com)

Interested in becoming a beta tester?