# Codeversation

CS307 - Team 23 - 12/08/16

Alex Aralis, Patricia Chun, Jeremy Lehman, Zach Perry

# Member Introductions

- Jeremy Lehman - Scrum Master, Front End
- Alex Aralis - Full-Stack
- Patricia Chun - Routes, Back-end
- Zach Perry - Comments, Front-end

# Problem and Motivation

- Debugging is hard
- Easier for beginners
- Stackoverflow + Piazza

# Solution and Goals

- Online collaboration
- "Crowdsourced" solutions
- Compiler within application
- Realtime results
- Multiple languages supported
- Server-side rendering

# Design Outline

- Client-Server Model
- MVC Architecture
  - Model: Service Oriented
  - View: React
  - Controller: Redux
- node.js+Express server
- mongoDB

# Non/Functional Requirements

- Functional Requirements
    - Profile Page
    - Interactive Posts
    - Compiler Microservice
    - Isomorphic Server
- Non Functional Requirements
    - Quick Response
    - Scalable
    - Simplicity

# User Stories

Demo by: Jeremy Lehman

# Sprint 1: User Stories

- See output of code
- Post questions
- Make comments
- Share questions
- Compiler microservice

# Sprint 2: User Stories

- Delete Posts
- Save information and post history
- See other user's posts
- Login with a profile
- Edit profile
- View other user's profiles

# Sprint 3: User Stories

- Create snippets from other snippets
- Have posts be private
- Select a solution
- Run site on production server

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http://codeversation.herokuapp.com/

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