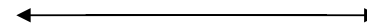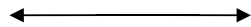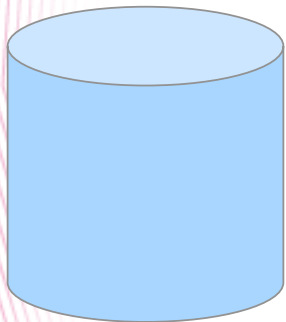# W.A.I.T.

## Jake Nash (nashj2)
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- W.A.I.T. = Why Am I Talking?

- Target Audience: Accidental Narcissists

- Problem: Dominating conversations in sensitive social situations

- Solution: Android App to notify the user when dominating and record statistics on the user's important conversations

# Architecture
## Model, View, Controller

**Model:**
- **Database**
- Store relevant data on user's voice pattern
- Store data from past interactions

**Controller:**
- **Voice Recognition**
- Differentiation between the user's voice & other sources and between statements & questions
- **Timer**
- Keep track of elapsed time and user-to-total speaking ratio
- **Database Access**
- Passes statistics to View

**View:**
- **Notifications**
- Provide subtle feedback during conversations (vibration, LED on supporting phones, etc)
- **Input**
- Accept preferences for interaction type and acceptable levels of narcissism
- **Statistics**
- Display overall self-absorption from the past

# Challenges

- **Using Android Libraries:**

  - Identifying who is speaking and their inflection will be a required feature of the speech recognition software

  - If no such speech recognition exists, implementation time will increase dramatically