

## Project Requirements

### Team Organization:

- Trello
- Our own team slack workspace

### Back End:

- NodeJS
- FlowTypes
- AWS Node Server

### Code Styling:

- Prettier

### FrontEnd:

- Assume its a desktop first, not touch yet

- Redux : to know the active page

- ReactJS

- FlowTypes

- Style: LESS

- Start off with 5 applets: We size each applet on a scale from 1-5:

  - Each applet should be a different route in react.

1. Word Problems
  - a. Find a word problem API
2. Back mapping (homography)
  - a. Possible Technologies: React Dnd
  - b. Finn's homography algorithm
3. Transformation Matrices
4. Programmable Robot in Maze.
  - a. Use of svg's and pure javascript
5. Angles.yum
  - a. Just like slither.io but with angle measurements.
  - C. Look into tech that slither.io uses for mouse following

Game Engine: Look into javascript libraries, for click events.



