Problem

- Giving presentations are hard
- Making sure the presentation will display/work correctly is an extra hassle
- Presenters are tied down to the podium
- Audience members have difficulty seeing and hearing the presentation

The Fix/Scope

- Create a website to host these presentations
- Allow presenter to use any browser-equipped device to control the presentation
- Allow presenter to draw on presentation
- Broadcast presentation, in real time, to the audience member's devices
- So that audience members can more easily view the presentation
- Also allows viewing by individuals not physically present

Requirements

Presentation

Presenter

- Upload presentations (pdf)
- Have a user page showcasing presentations
- Start/View Presentations
- Broadcast presentation actions (in real time)
- Previous/Next page
- Draw on slide
- Audio

Audience

- Watch presentations
    - updated by the presenter's view in real time

Whiteboard

Presenter

- Start virtual whiteboard

- Send invitation to others
- Draw on a virtual whiteboard

User/Student

- Draw on a virtual whiteboard
- Only after invitation

Risks

Stakeholders

- The client, Dr. Andrew Greene, has his hopes and dreams at stake.
- The developers have their grades on the line. . .

Risk Analysis

Low Priority Risks

- The project will not be used by anyone

  - Possibility: Unsure
  - Effect: Application sits idle
  - Remedy: There's no need to fix this

Medium Priority Risks

- GitHub or Heroku will go out of business

  - Possibility: Unlikely
  - Effect: Our code and website would go down
  - Remedy: Any disruption of service can be remedied by pushing to another cloud-based platform

High Priority Risks

- The project is used, but is malfunctional

  - Possibility: Unsure
  - Effect: A presenter gives a bad presentation, ruins their reputation
  - Remedy: None besides write good code and have hard reviews

- Will not be able to complete barebones application

  – Possibility: Unlikely
  – Effect: We do badly in this course and the client is very upset. . .
  – Remedy: We're in the process of prototyping each component of the application

- Application will not be made to client's satisfaction

  – Possibility: Unlikely
  – Effect: We do badly in this course and the client is very upset. . . (again)
  – Remedy: Use an evolutionary process flow and collaborating with the client with each evolution.