

Project Blackhawk - A first look

Team Red Wings

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The Team

- ▶ Front End
 - ▶ Andre P. Oliveira (PM)
 - ▶ Mim Cobaj
 - ▶ Tyler White

The Team

- ▶ Front End

- ▶ Andre P. Oliveira (PM)
- ▶ Mim Cobaj
- ▶ Tyler White

- ▶ Back End

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- ▶ Tyler White

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

Presentation

► Presenter

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► 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

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.

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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

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- ▶ 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

Risk Analysis (cont'd)

► 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.

Time Logs

View our logs on our Website