RPEye

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Description

RPEye is a search engine meant for use by students, employees, prospective students, parents or any other party interested in finding information about RPI. This search engine differs from others in that it attempts to contain all documents, social media posts, and news articles that mention or reference RPI. Our goal this semester is to create a minimum viable product that can be released to the public for use.

Timeline

- **Organization and Cleaning**: 1/20/19 - 1/26/19
  - Research the technologies being used
  - Determine who will work on what
- **Catch Up**: 1/27/19 - 2/2/19
  - Much of the code will need to be deciphered
  - Start linking component APIs together locally
  - Solidify program flow between components
- **Individual Work**: 2/3/19 - 2/16/19
  - Clean each component internally
  - Removal of unnecessary code
  - Heavy documentation (each person should now understand their component)
- **Server Configuration**: 2/16/19 - 3/1/19
  - Acquire server space
  - Prepare each server with the required tools to run each component
  - Initial deployment testing
- **Component Integration**: 3/11/19 - 3/23/19
  - Finalize server requirements
  - Fully integrate components with each other
  - Initialize and configure backup databases
- **Backend Statistics**: 3/24/19 - 4/6/19
  - Begin data collection
  - Display usage data in a web graphic
- **Analyze Program Efficiency**: 4/7/19 - 4/20/19
  - Determine potential bottlenecks
  - Diagram possible workflow changes
- **Clean Up and Release**: 4/21/19 - 4/26/19
  - Finalize any last minute bugs
  - Document any undocumented code
  - Release! (hopefully)