HOGWARTS TODO

Build HTML + CSS

Sketch design for code

WIREFRAME

- With buttons and popup
- Single student view
  - Adding and expelling
  - adding prefect
  - prevent third prefect
  - Add to inquisatorial squa
  - notify can't be member

Activity Diagram

- Act out all posibilities

Detailed function diagram

- Overview of all functions used
- Full List of components used
  - A can/can't List

Continuous Typewriter Name

Class of 1991

LOGIN

Splash Something

HEADER

POPUP

First middle "nick" last

student photo

Blood
Prefect
House
Expelled?
Inquis?

CREST

FOOTER ©

Student List

Class of 1991

Firstname Lastname House

PopUp with: Photo + Crest + Colors

Expell students
display List of students expelled

Select 2 prefects possibility
Show on PopUp

Select Inquisitorial Squad

Implement racial profiling
"Blood Status"
(figure out fom name)

Hack the System
Inject self into list (can't be expelled)
Remove Students of Inq when called
fuck up blood list

The List.

* Fix All students

Sorting

* Sort List by first/last house, inquis, prefect ?(Club - Quidditch - Captains)

Filtering

* Filter by House - Inquis - Refect - + Expelled / Non epelled

Searching

* Search by : first/last name (only show search string) list

About

* Number of students in house
* Total number of students
* number of students expelled
* number of —"— currently displayed

PopUp

- Firstname middle "nick" Last
- Photo or placeholder
- house Crest + Colors
- Blood Status
  - L x is prefect ?
  - L x is expelled ?
  - L x member of inquis ?

Expelling Students

- Remove from main List L and append to expelled (can't return)

Prefects

- Only 2 students each house
  - L x (pref dif gender)

BloodStatus

- Calculate Blood forEach stud
  (Pure Wizard / 1/2 muggle / muggle)

Inquisitorial Squad

- Append / Remove
  - Only Pureblood or Slytherin
  - Non Pure in Slytherin ?

Hacking

- function hackTheSystem()
  - Secret Button/keystroke
    - Must work from Console
- [x] Inject Self into list
  - Can't be expelled (Warning)
- [x] Disrupt Blood Status (make random)
- [x] Add Student to Inquis only works for limited time → then remove (make notice)

Calling hackTheSystem()

- Can only be called once
  - Keep track
- Obviously NOT exe before funct.

Visual Design

- Visually Interesting
- Animations and feedback
- Prevention removal (Bad hacker mov)
- Visual feedback removing inquis
- Use Icons + ...
- CONTENT RIGHTS!
- Footer credit if any

Code Design

- Use strict
- Let n' const + object litterals
- Blackbox outside code
  - Reference from where
  - Put in function
  - Comment before/after
- Split between model/view and controller
- Atleast one object
  - Create from JSON
    - Cale from this
  - Use default values

→ setters n' getters ?

Process and code design

1. Display List Sort + filter search and popUp
2. Expelling And Prefects
3. Blood status and Inquis
4. Hacking

→ Draw Activity Diagram 4 each of above

→ Play it Out

Report Documentation:

- x Wireframe
- x Overview: Components, dialogs, models
- x Overview Various Components
- x List of features
- x My can/can't initial list
- x Pseudo code or activity diagram Algos
  - L x Expelling (+ not expelling me)
  - L x Prefects
  - L x Blood status (original algo)
  - L x Hack the System
- x Complete Activity diagram
- x List of student object properties

Frontpage

- x My name
- x Screenshot
- x Link to page
- x Link to github