

# Stuytinerary

## ***Team EighthGradeBully***

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**(PROJECT MANAGER)**

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## **I. Project Overview**

Our project is a revamped version of Mr. Brooks's bell schedule application. We plan to make it more aesthetically pleasing, as well as adding more user functionality, such as personal schedule overlay, bell warnings, and A/B days.

## **II. Features**

- Personalized Accounts
  - Add your classes
  - Add your teachers
  - Add your room numbers
  - Add your free periods / lunch
- A / B Day Differentiation
- Color Alerts System
- Interface to add unusual time schedules (only for Mr. Brooks to access?)

### III. Style Guidelines

- General
  - Tabs for indentation
  - Readable code over useful comments over outdated comments
  - Descriptive variable names
- Frontend
  - Keep HTML, JS, CSS in separate files
  - Match all tags
- Backend
  - snake\_case for variable/function names, CamelCase for classes and exceptions
  - Use parentheses over backslashes if multiline
    - `from directory import (module1, module2, module3`
    - `module4, module5)`
    - `From directory import module1, module2, module3 \`
    - `module4, module5`
  - Sequence for import statements (alphabetical order)
    - Python libraries
    - Third-party libraries
    - Our modules
  - Avoid ``from module import function`` if possible

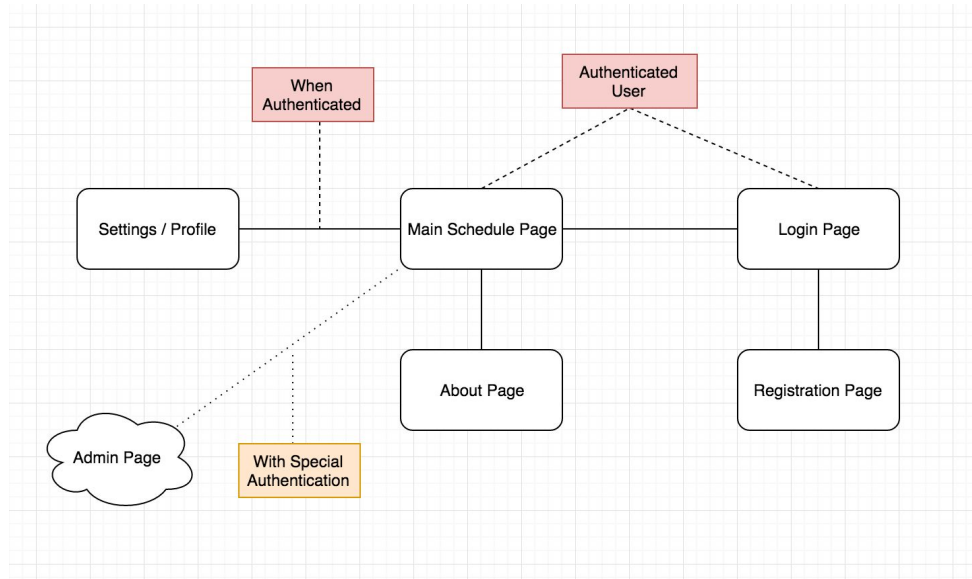
### IV. Directory Structure / Site Map / Component Map

#### Directory Structure

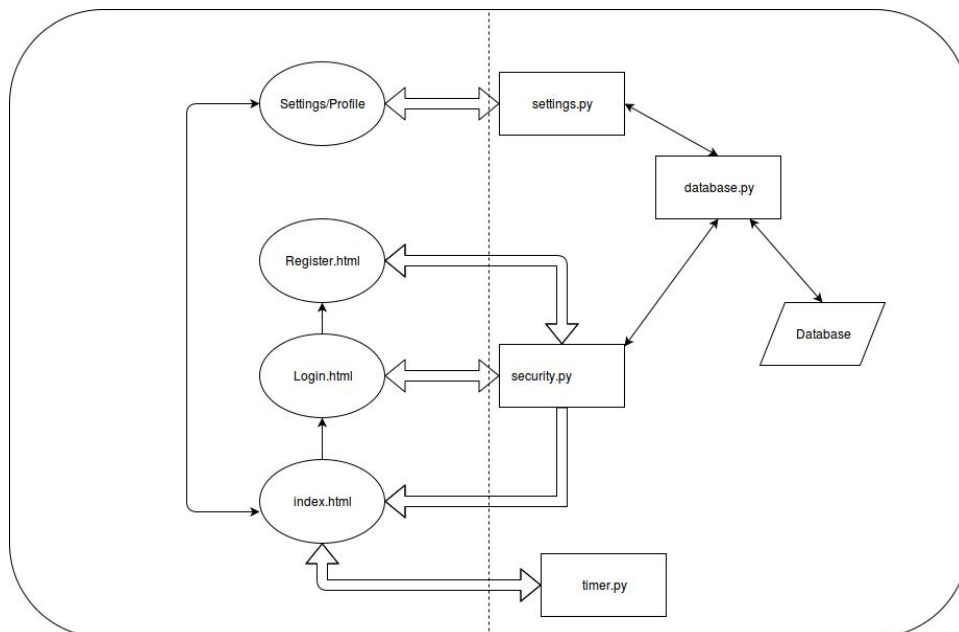
```
/app
|__ app.py
|__ data/
```

```
|__ templates/  
|__ utils/  
    |__ libs/  
    |__ views/
```

## Site Map



## Component Map



## V. Tasks / Timeline

### Tasks

- *Frontend* - Maddie, Winston
- *Backend* - Patrick, Kate

### Timeline

- 5/12/17 - Design Document
- 5/19/17 - Basic Website Done (working clock)
- 5/26/17 - Implementing user-specific things
- 6/02/17 - Beautification, bug fixes
- 6/12/17 - DONE FOR GOOD!!!!