

Final Project Design Document

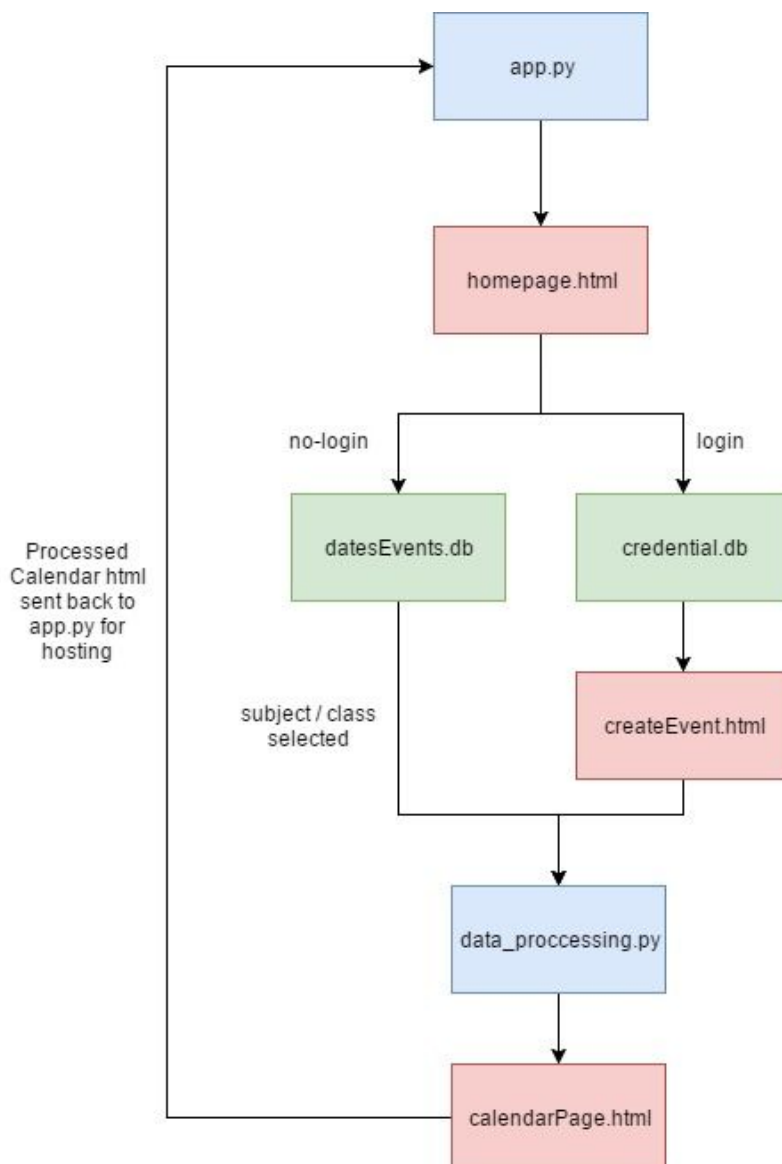
Dr. Ned Planning page

By Jason Mohabir, Anthony Chen, Will Ostlund and DaNiel Chiu

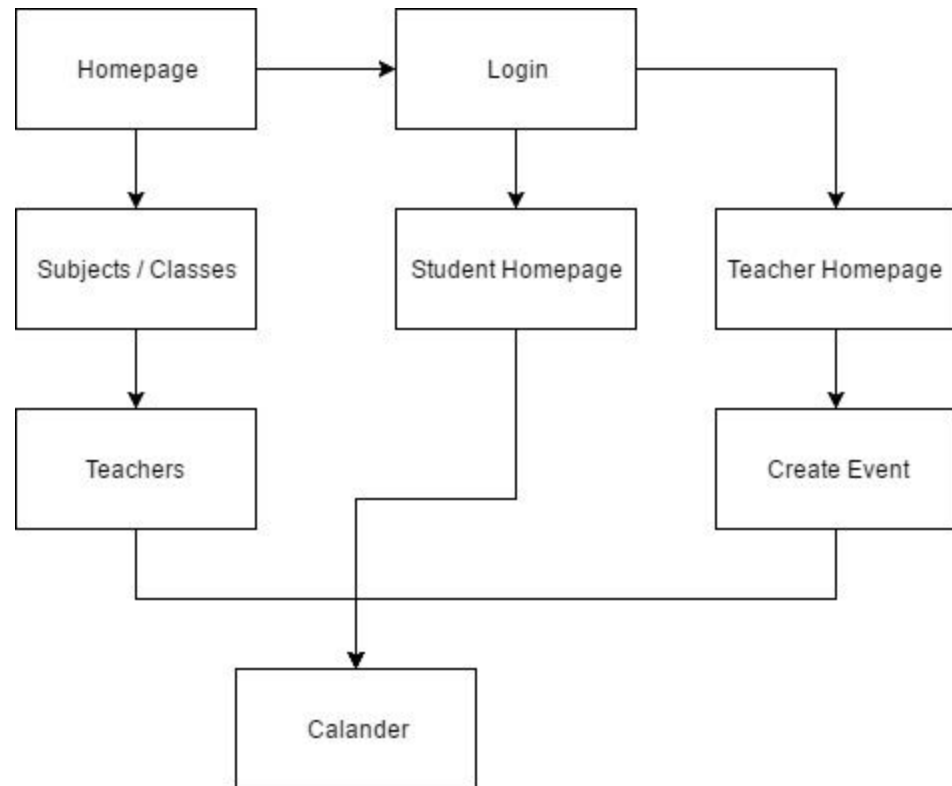
Features

- Calendar for events occurring in the next five weeks
- User interface to add new events to schedule
- Approaching deadline notification sidebar (ordered from earliest to latest)
- Progression Timeline
- Option for the user to receive a text message (via api) that sends notifications when events approach (the user controls when these notifications will be sent)
- Users to make
- Separation of subjects / classes

Component Map



Site Map



Database Schema

- TABLE users - user data and information
 - username TEXT
 - password TEXT
 - userType TEXT - “student” to indicate if the user is a student, “teacher” to indicate if the user is a teacher
 - id INTEGER
 - classes VARRAY(10) OF INTEGER - contains the various ids corresponding to the users classes
- TABLE classes - contains data for classes
 - id INTEGER
 - event VARRAY(200) OF INTEGER - contains the id of an event taking place in the class
- TABLE events - contains data for events
 - id INTEGER
 - name TEXT
 - date TEXT
 - description TEXT

Timeline

May 15: Initial homepage and primitive app.py set up

May 17: Create events and adding to database completed

May 19: Indexing and pulling data based on class / others working

May 22: Primitive calendar working

May 24: Styling

May 27: Debugging

Roles

Will Ostlund - Flask App / JS

Daniel Chiu - Style CSS / HTML / JS - Project Manager

Anthony Chen - JS / Databases

Jason Mohabir - Backend Processing

Style guide

Daniel

Tabs for spacing

Spacing after curly brackets

Ex:

```
Example{  
    Hello  
}
```

Comment sections as division

Ex:

```
//this is part one  
...  
/// end part 1  
  
// this is part two  
...  
// end part 2
```