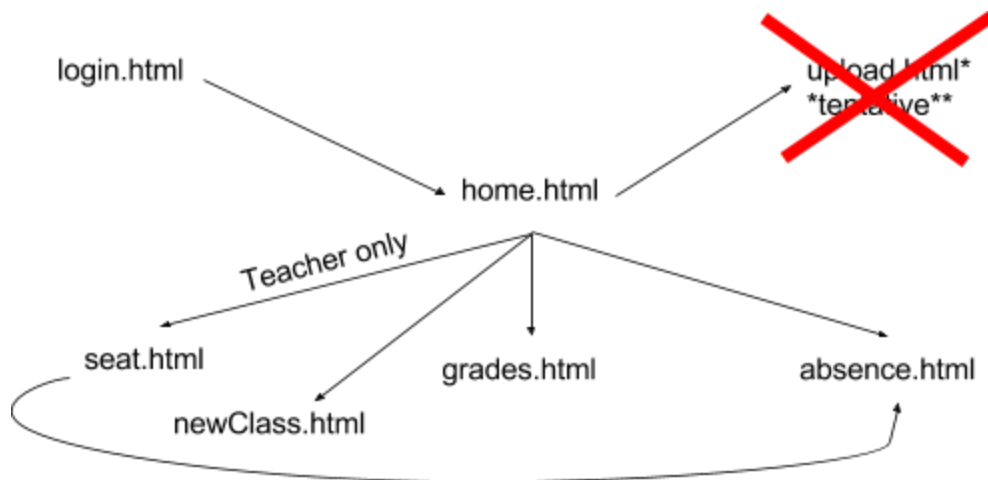*Design Changes*

Team **GradestBook** -- Nicole Cheng, Shamaul Dilmohamed, Vanna Mavromatis, James Yang

<u>Overview</u>: Kept the same, except the possibility of uploading files moved from a maybe to a no, as we vastly underestimated the amount of time we had to spend on each individual part of the project.
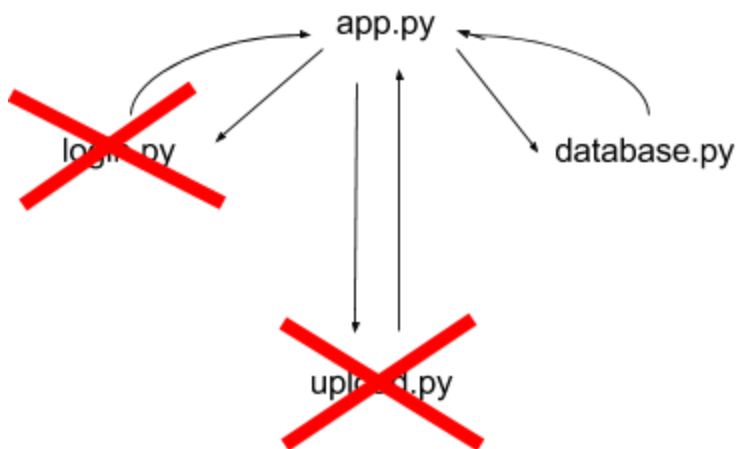
<u>Database Schema</u>:

- The **login** db ended up being separated into **teachers** (user|pass|name|id) and **students** (user|pass|name|id|glasses)
- Added more fields to **classes** db, including row,col, and grade
- Created a **periods** database
    - classid|teacherid|period|rows|cols|classname|secretcode
- ~~Grades: classid, studentid, grade, assignmentid, assignment name~~
    - Instead, an extra column was tacked onto **classes** to be the "overall grade" rather than individual assignment grades
- Created an **absences** db
    - Classid|studentid|date
- Generating secret keys for students to join classes and of studentids, teacherids, and classids

<u>Site Map</u>:

Component Map:

Component Description:
app.py
    Will render templates
    Run application
database.py
    Traverses each database table in order to parse data
database.db
    Holds all the tables for the data we choose to store
front-end files:
    login.html
    home.html
    seat.html
    grades.html
    absence.html
    template.html
    newClass.html
    style.css
    home.js
    login.js
    seats.js

Task Delegation/Timeline:
    Overall stayed on task, but severely underestimated the timeframe
that we had to fit our tasks in, moving from two weeks early to right up to
the last minute.