

6/29

Thursday, June 29, 2017 3:41 PM

Team 10 uncompleted:  
SSO

Create Toggl, PivotalTracker accounts

Andy: Database  
Aaron: UI/UX

# assessment

Tuesday, July 4, 2017 3:26 PM

## Working features:

- Admin:
  - Create new Exams (auto filled)
  - Edit exams (wrong state)
  - Show exams
  - View Archived exams
  - Create users
  - Create locations
  - Delete locations
  - Generate Report???

## Not working features:

- Admin:
  - View Users

# 7/6 Meeting

Tuesday, July 4, 2017 4:19 PM

Good:

- Database structure
- PHP queries
- Basic UI

Bad:

- Not MVC
- Duplicate code!!! (e.g. admin, teacher create APE the same but there are two files)
- Very tightly coupled -> hard to maintain
- PHP generates HTML
- No CSS, centralize style
- No javascript
- Inconsistent UI

To Discuss:

- Separation of concerns/MVC
  - PHP returns json (Controller)
  - Javascript reads json (View)
  - HTML shows (View)
- Decouple, refactor
- Centralize PHP cred
- Overall project timeline (months/quarter)

Database:

Quarter: doesn't need id

July 2017:

- SRS
- Understanding
- Database
- Sample data
- Refactor to MVC

Aug

- SSO
- View: UI header, menus
- Admin

Sept: none

-

Oct:

- 

Nov

December 2017:

- Testing

**TO-DO**

- Sun: read all SRS's
- Tues: meeting in class

# 7/11 Meeting

Tuesday, July 11, 2017 3:49 PM

## Questions:

- Grader account: SSO or manually created?
- Grading: teacher vs grader? Difference grade range?

- Created table: user
- Change table: student (id, state)
- Change table: account (id, type)
- Change table: category\_grades(exame\_category\_id, grade, student\_id)
- Delete table: grader
- Change table: exam: quarter column to varchar -> delete table quarter
- Change all table names to singulars

EWUID: id

Last name: l\_name

First name: f\_name

Email: email

**\*\*\*\*DATABASE DONE\*\*\*\***

- Set up EWU virtual machine
  - Export database
- Set up github
- PHP cred

# 7/13 Meeting

Thursday, July 13, 2017 3:38 PM

Separate student and grader view

Track exam attempts

Register deadline

Seat number: e.g. 208 01

Csv file name

Total points don't have to be 100

Adjustable admin number limit

Only admin is not SSO

Send email to Tom reminding live code base

Still need mailing address?

Need SSO for every account

At least 2 graders per category

Avg different grades fall within limit range

No bonus/negative points

**SETTINGS PAGE!!!!**

# 7/18 Meeting

Tuesday, July 18, 2017 1:21 PM

- PDO prepared statement
- Try catch sql execution, error message
- Authentication

Exam states:

- "hidden"
- "open"
- "in\_progress"
- "grading"
- "archived"

Change "id" to "account\_id" etc.

Exam\_roster foreign key problem

Teacher/grader login first time??

Create student account automatically first time

Put auth files together -> check against allowedType after passed

Remove openDB parameters

Refactor query execution in 3 steps:

1. Connect db
2. Prepare query
3. Execute (try catch)

# 7/20 Meeting

Thursday, July 20, 2017 4:17 PM

- PowerPoint
- Proof of concept SSO
- Implement SSO: 2nd iteration
- Ask about admin (create/remove)
- Settings: database -> php get on loaded into array -> included in all files

Deadlines:

- All user stories: end of Monday
- Powerpoint: Tuesday

2nd iteration:

- Front-end
- UI

# 7/25 Meeting

Tuesday, July 25, 2017 4:43 PM

Tuesday 8/1  
Aaron: UI/UX  
Tu: SSO  
Andy: sanitize PHP

Admin can delete account of other admins  
Can't delete your own account

# 7/27 Meeting

Thursday, July 27, 2017 4:07 PM

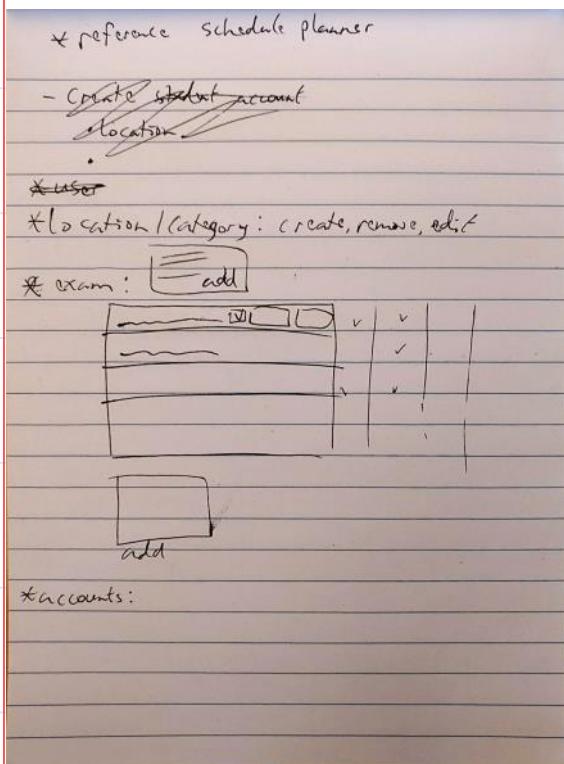
By Sunday:

- Andy: PHP sanitizer
- Tu: SSO, current APE live
- Aaron: UI sketches for 4 user stories

# 8/1 Meeting

Tuesday, August 1, 2017 4:41 PM

- Aaron:
  - Thursday: HTML forms
- Tu, Andy:
  - User stories



# 8/10 Meeting

Thursday, August 10, 2017 4:10 PM

- Change POST to GET on get operation
- Modify PHP that do INSERT to return the id of the newly inserted item
- In view, add/delete row

## TO-DO:

- Above
- Aaron
  - All admin functionalities UI
  - Add user table
  - Bootstrap Table with search, sort
  - Config/settings file. UI
- Andy
  - 
  - Upload practice APES
  - Refactor category, location view CRUD
- Tu
  - View CRUD code example
  - SSO, sign in process
  - Edit user info

# 8/15 Meeting

Tuesday, August 15, 2017 3:33 PM

## DUE 9/3:

- Reports TU
- Upload and parse CSV register student TU
- Settings page ANDY
- Bootstrap table plugin AARON
- Exam creation + categories + assign graders AARON

# 9/6 Meeting

Sunday, August 27, 2017 5:33 PM

- Use search to look up a student instead of showing the whole students table because there are a lot of students!!!
- Report button for each APE

DUE 9/18:

- Aaron:
  - Proof of concept new table (exam table)
  - Report modal
  - Landing page/dashboard for each user type
- Andy:
  - Graders' grading
  - Graders' submitting grades
- Tu:
  - Dynamic sidebar/pages/functions for each user type
  - Manually pass/fail students
  - Research showing error/success message after each action

# 9/21 Meeting

Thursday, September 21, 2017 10:08 AM

DUE 10/09

- Aaron:
  - Adding search, sort, pagination to tables
  - Admin dashboard
- Andy:
  - Graders dashboard
- Tu:
  - Date picker for forms
  - Checking backend sanitizer
  - Students "My exams" page

Presentation: 09/27

- Tu
  - Student dashboard
    - Register
    - Unregister
    - Full seat
  - Admin/Teacher dashboard UI concept
- Aaron
  - Admin functionalities
    - APE CRUD
  - Table search, sort
  - Students tab doesn't load everyone
- Andy
  - Grader functionalities
    - Submitting grade
  - Grader dashboard

# 9/27 Meeting

Wednesday, September 27, 2017 3:12 PM

- Student tabs
  - Look up students button -> modal -> search

# 10/04 Meeting

Wednesday, October 4, 2017 2:30 PM

- Add a column "max\_grade" to exam
  - Max\_grade = cat1 + cat2 + ... + catn
  - NO max exam grade in settings
- Exam\_Roster:
  - Studentkey = index
- Delete cascade?
- 
- CSV export report
- Sidebar/homepages for user of multiple types
- Remove teacher ability of editing student
- Admin, teacher manually add student to exam
- Modal for grading and adding students in Admin exam page
- Admin + Teacher creates exam -> in class?
- Can teacher sees all students?
- When manually passed: will the latest exam change its pass/fail state?
- Changing each exam pass/fail result? Overall student state?

ANDY

- Fix/update grading page
- Delete cascade database

AARON

- Create Exam modal
- Admin dashboard

TU

- Grading, adding student Admin exam page modal

# 10/09 Meeting

Monday, October 9, 2017 2:08 PM

- Replace alert with modal
- Change student's state, not particular exam result

## Questions

- In progress and Finalize exam states?
- Remove In progress state?

# 10/10 Meeting

Wednesday, October 11, 2017 3:09 PM

- Admin can't delete or change admin's type
- Add max score to modal
- Confirm + notification popup
- Debug top bar
- Multiple user types, sidebar
- Clear form: clear quarter text

Questions:

- Disable vs Delete old users?
- Max score set manually?

# 10/16 Meeting

Monday, October 16, 2017 2:37 PM

- UI Refactor
  - Move exam actions into modals with tabs: Info, Roster, Register a student, Report AARON
    - Remove detail row AARON
    - Exam modal:
      - Add max score
      - Limit states to Open and Hidden on create new exam
      - Delete button for graders
    - Register hidden all except Open and In Progress AARON
    - Report options showed depend on exam states ANDY
  - Report CSV:
    - First row: exam info: "Fall exam 09/20/17 ...."
  - Admin/Teacher dashboard TU
  - Separate Teacher exam page TU
  - Import students??? Students must login first -> teacher uploads only IDs -> system finds IDs and registers them TU

# 10/18 Meeting

Wednesday, October 18, 2017 1:23 PM

Export excel 12/10 changed to date format?

Teacher grading??

# 10/23 Meeting

Monday, October 23, 2017 3:08 PM

Wed presentation:

- Andy:
  - Categories, Assigned Graders
  - Report
- Aaron:
  - Modal redesign
- Tu:
  - Admin dashboard
  - Teacher's students page

Automate code in server

Categories edit

# 10/25 Meeting

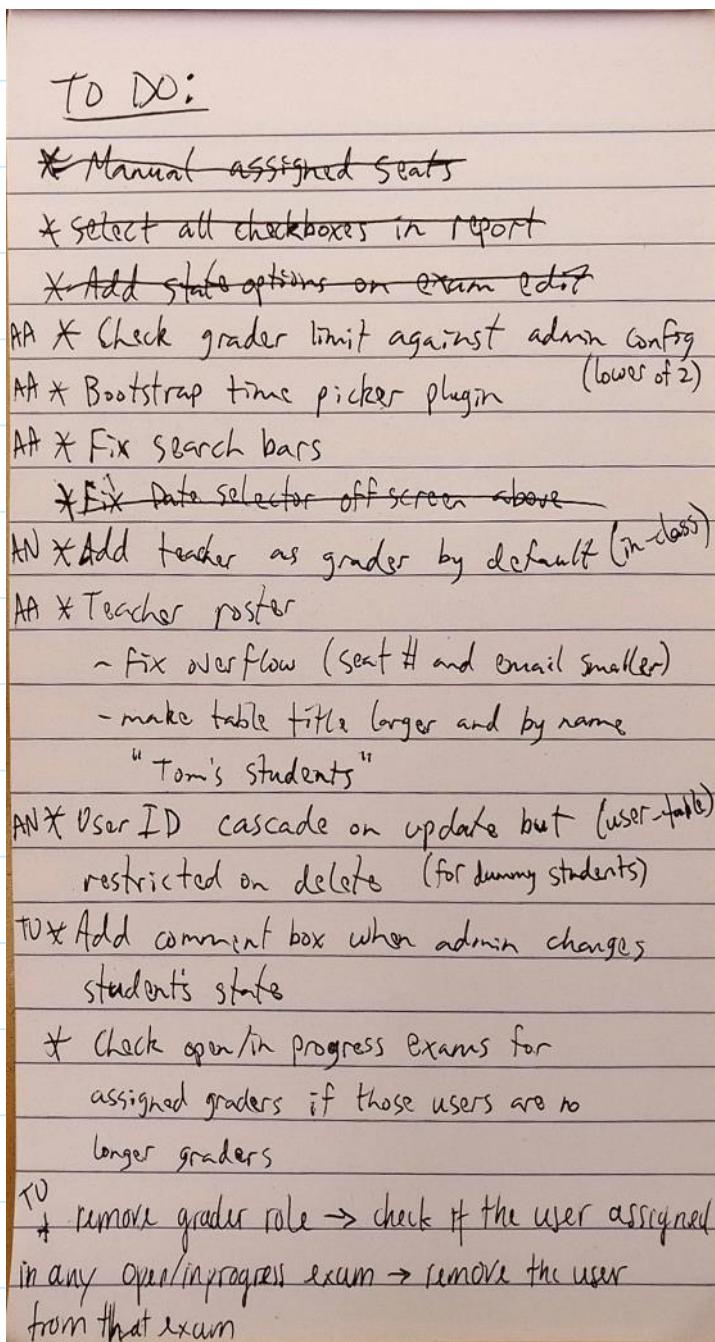
Wednesday, October 25, 2017 2:34 PM

- Make seat number editable

# 10/30 Meeting

Monday, October 30, 2017 3:42 PM

- CSV students upload
- Roster page grade state
  - Recursion Final Score: [auto populated within range or highlight red if diff out of range]
  - Recursion Grader 1 Score:
  - Recursion Grader 2 Score:



# 11/06 Meeting

Monday, November 6, 2017 1:24 PM

ANDY:

- Back-end bug fixing
- Back-end refactoring
- Back-end sanitizing
- Front-end validation

AARON:

- Front-end UI
- Edit button on all modals
- Sidebar UI
- Account UI
- Fix all UI inconsistency (buttons color, icons)

TU:

- Back-end bug fixing
- Cron job automation
- Deployment plan
- Testing
- Review code to push to server

To-do before testing:

- feedback page for user to send in feedback, bug report.
- Finalizing grades
- Email
- Disable account
- Remove exam/user from current \_selectedTab after changing state/type
- Fix Create a student title in user model when view details

# 11/08 Meeting

Tuesday, November 7, 2017 10:42 PM

- Show upcoming APE on homepage without login
- Show comment box when change student state
- Check session\_id

# 11/15 Meeting

Wednesday, November 15, 2017

3:36 PM

- Remove hidden inputs in form
- Backend validation (session id + inputs)
- CSV check format

# 11/27 Meeting

Monday, November 27, 2017 1:58 PM

Sort reset on open modal

Roster tab register/unregister table

## DEADLINE

Thursday

- Aaron:
  - Edit buttons
  - Msg popups plugin
- Andy:
  - Contact configs
  - Refactor Stu
  - Backend fixing
- Tu:
  - HTML editors
  - Log off button
  - Migration

Sunday

- Aaron:
  - Sidebar hamburger menu
- Andy:
  - Security
- Tu:
  - CRON jobs

# Questions

Friday, July 21, 2017 2:58 PM

- Can a Teacher/Grader request account info of other Teacher/Grader and Admin?
- Exam name?

10/30/17 4:30 PM Office Lens

Monday, October 30, 2017 11:30 PM

## Admins

### • Account CRUD

+ Lookup accounts by name, id

in: name or id

out: accounts sorted by type

+ Add new account except admin

in: name, id, email, ...

out: new account in database

+ Edit accounts info/state

in: new info / state

out: updated account

### • APE CRUP

+ Create new APE

in: time, location, category, ...

out: new APE in database

+ Archive an APE

+ Assign an APE to graders  
+ Add/remove students

### • Category types CRUP

### • Location CRUP

### • Manually passing / failing

+ manually passing / failing

in: student id, new passing state

out: updated student's passing state, state.

### • Independent students

+ Create

in: student's info

out: new new student in database

+ update

in: new student's info, EWU id

out: updated info

- Report

- + Pass /Fail report

- in: student id, email, APE id

- out: report

- + Students list

- in: APE id

- out: report

- + Download report

- in: report

- out: csv

- Upload practice APE

## Graders

- View assigned APE

- Grading

- in: seat number, grade

- out: new grades in database

- Submitting grade

## Teachers

- Create APE

## Students

### • Register

in: student info

out: new student in database

### • Unregister

### • View grade

check account type!!!

```

cred.php
APE
  - create.php | Aaron
  - update
  - assign to graders | Tu
  - add/remove students
  - archive Aaron
  - register | Andy
  - unregister
  - get archived/open/assigned APE Aaron /all

```

```

Account
  - create
  - update info/state } Tu
  - get
  - remove account /

```

```

Grade
  - add
  - update
  - finalize
  - get

```

```

Category
  - create
  - update
  - getAll
  - remove

```

```

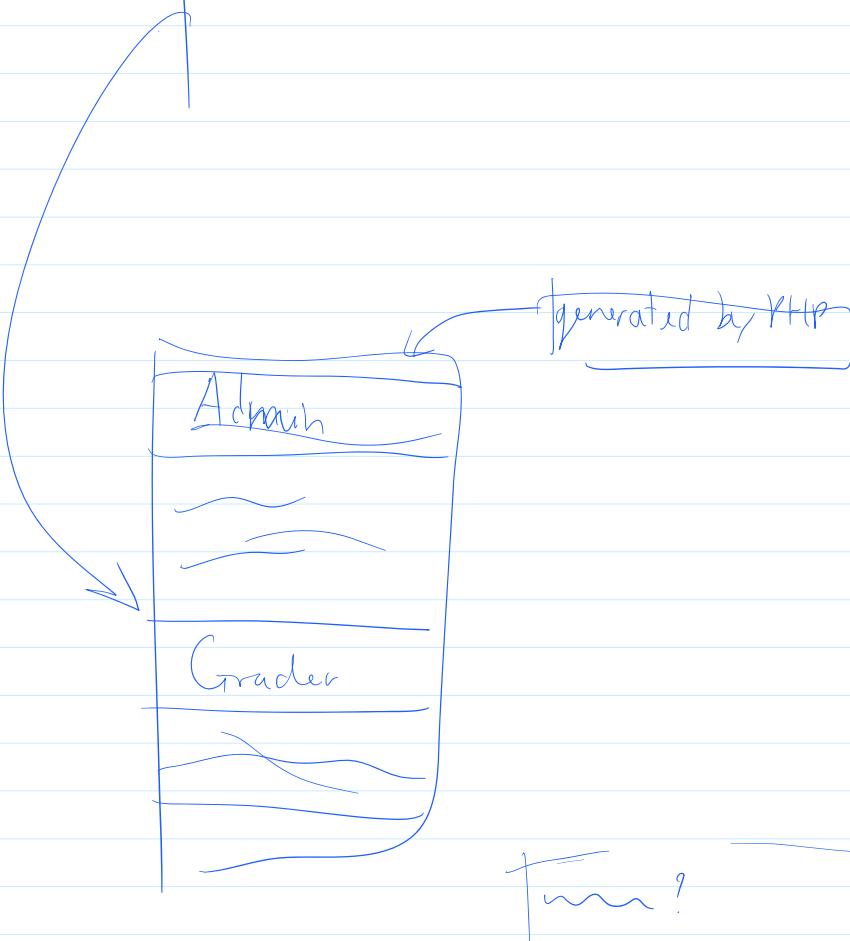
Location
  - create
  - update
  - getAll
  - remove

```

Value

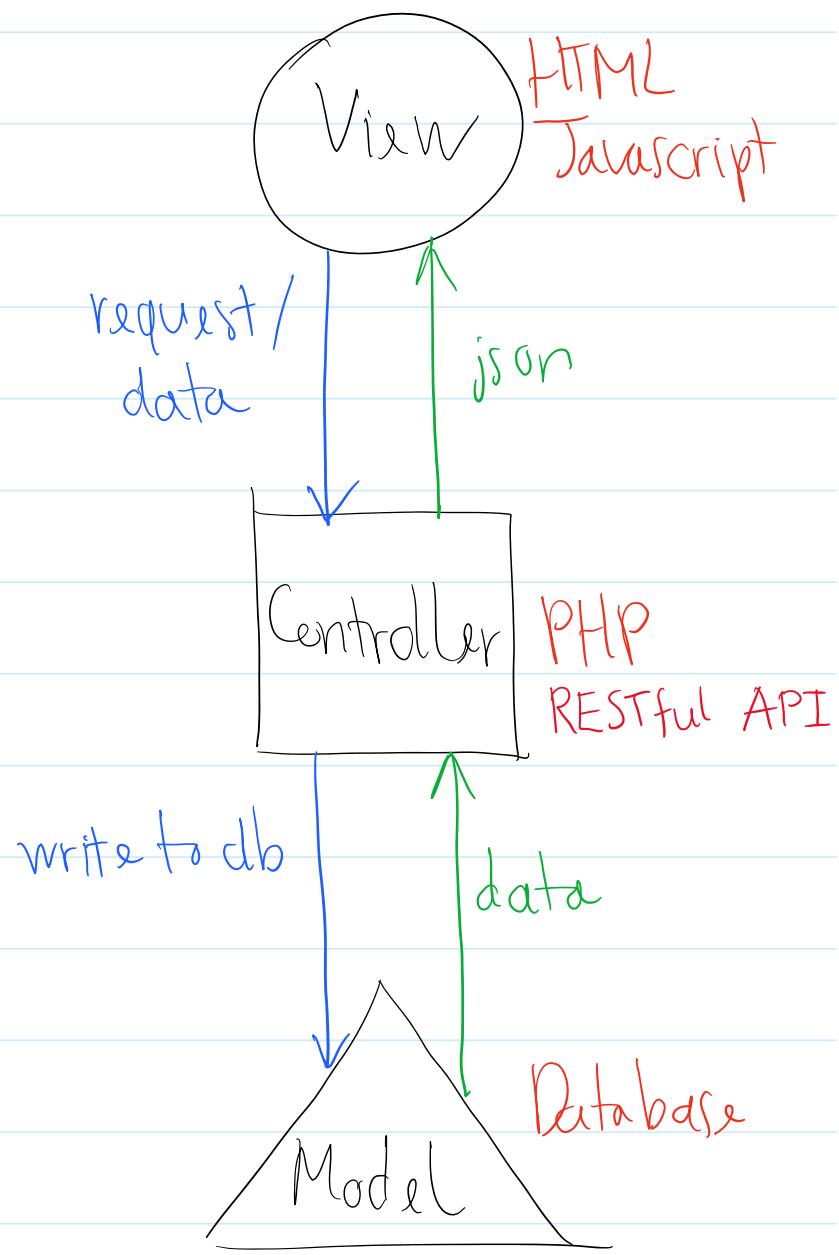
HTML

".. /APE/crud.."



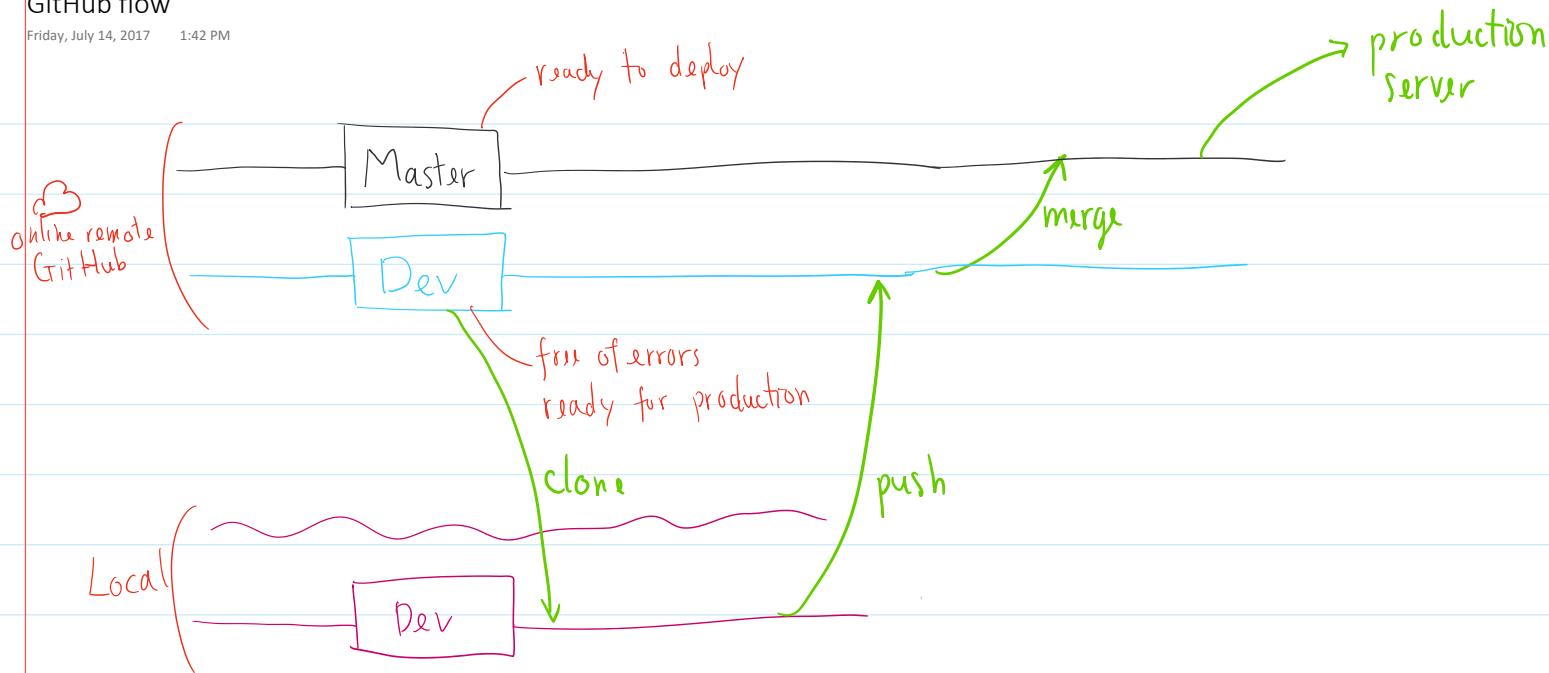
# MVC

Thursday, July 13, 2017 1:45 PM



## GitHub flow

Friday, July 14, 2017 1:42 PM



### GITHUB CHEAT SHEET

<https://services.github.com/on-demand/downloads/github-git-cheat-sheet.pdf>

1. Install GitHub
2. Run gitshell
3. Go to your prefer directory, cloning dev branch:  
git clone -b dev <https://github.com/nvhtu/cscd488-summerfall17>

### HOW TO PUSH CHANGES TO GITHUB

1. Add  
git add .
2. Commit new changes to your local repo  
git commit -m "your message"
3. Push to online GitHub  
git push origin dev

### MERGING

Please don't merge anything by yourself. I'll need to review everything before doing a merge.

### SOME USEFUL COMMANDS

git status: check status of remote branch and your local branch  
git pull: download new change on remote branch to local branch. Should do this before every work day

# PHP example

Friday, July 14, 2017 2:16 PM

**PHP PDO Tutorial:** <https://phpdelusions.net/pdo>

## EXAMPLES

### pdoconfig.php

```
<?php
$server="localhost";
$user="root";
$pass="";
$database="ape_database";
$conn = null;

function openDB($servername, $dbname,$username, $password, $conn)
{
    try
    {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
        $conn -> setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
        return $conn;
    }
    catch (PDOException $e)
    {
        echo "Connection failed: " . $e->getMessage();
    }
}

?>
```

### get\_cat.php

```
<?php
require "pdoconfig.php";
//open connection to database
$conn = openDB($server, $database, $user, $pass, $conn);
//execute sql query
$sql = $conn->prepare("SELECT * FROM category");
$sql->execute();
$sqlResult = $sql->fetchall(PDO::FETCH_ASSOC);
echo json_encode($sqlResult);
$conn = null;

?>
```

## Result JSON

```
1 [ ]
2 [
3     {
4         "id": "1",
5         "name": "Recursion"
6     },
7     {
8         "id": "2",
9         "name": "Linked List"
10    },
11    {
12        "id": "3",
13        "name": "General"
14    },
15    {
16        "id": "4",
17        "name": "Data Abstraction"
18    }
]
```

### post\_cat.php

```
<?php
require "pdoconfig.php";
$id = $_POST["id"];
$name = $_POST["name"];
//open connection to database
$conn = openDB($server, $database, $user, $pass, $conn);
$sql = $conn->prepare("INSERT INTO category (id, name) VALUES ($id, '$name')");
$sql->execute();
$conn = null;
```

```
?>
```

### Postman test

The screenshot shows the Postman application interface for a POST request to 'localhost/test/post\_cat.php'. A red circle highlights the 'POST' method dropdown. Another red circle highlights the 'Body' tab in the request type section, with the handwritten note 'use this' pointing to it. A large red circle with a diagonal cross highlights the 'Send' button, with the handwritten note 'not this' pointing away from it. The body section contains two key-value pairs: 'id' with value '5' and 'name' with value 'Test Cat'. The 'Body' tab is selected, indicating form-data.

localhost/test/post\_cat.php

POST

Key Value

New key

Authorization Headers Body Tests

Body (radio selected)

form-data x-www-form-urlencoded raw binary

Key Value Description

id 5

name Test Cat

New key Value Description

# Code style

Friday, July 14, 2017 2:05 PM

- PHP
  - *Same as Java. Refer to the document on Canvas*
- Javascript
  - *Same as Java. Refer to the document on Canvas*
- HTML
  - [https://www.w3schools.com/html/html5\\_syntax.asp](https://www.w3schools.com/html/html5_syntax.asp)

# Visual Studio Code PHP debug

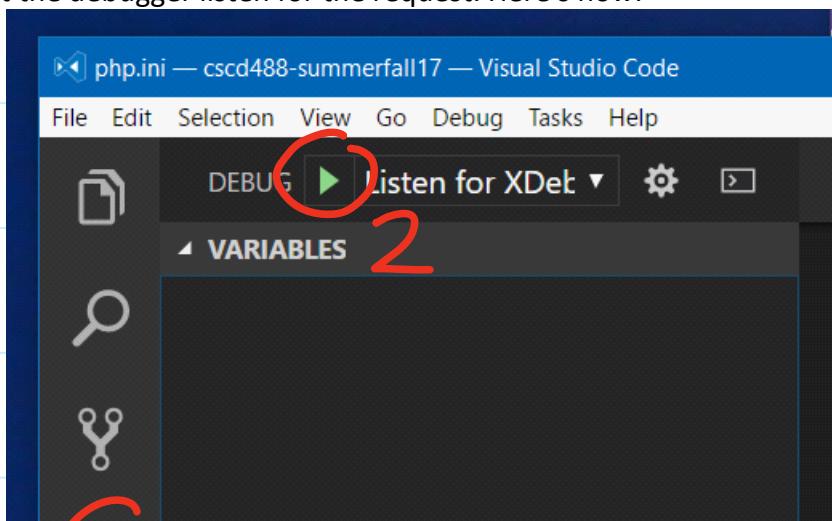
Thursday, July 20, 2017 9:46 PM

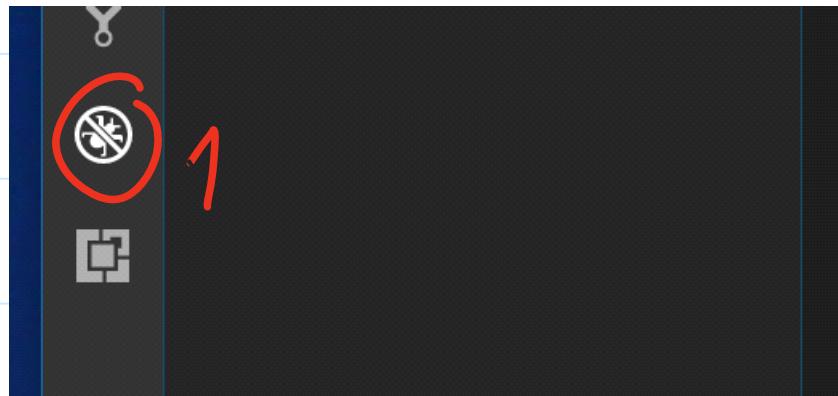
1. Install Visual Studio Code: <https://code.visualstudio.com/download>
2. Add custom settings:
  - a. Click the gear icon on bottom left -> Settings
  - b. On the right pane, paste below into the editor. "C:\\xampp" is where you installed XAMPP:

```
{  
    "php.validate.executablePath": "C:\\xampp\\php\\php.exe",  
    "php.executablePath": "C:\\xampp\\php\\php.exe",  
    "extensions.ignoreRecommendations": true,  
    "php.suggest.basic": false  
}
```
  - c. Hit save
3. Install Extensions:
  - a. Click Extension icon (the 5th icon on the left)
  - b. Search and install these 2 extensions:
    - i. PHP Debug
    - ii. PHP IntelliSense
4. Configure PHP Debug
  - a. Follow the instruction here:  
[https://marketplace.visualstudio.com/items?  
itemName=felixfbecker.php-debug](https://marketplace.visualstudio.com/items?itemName=felixfbecker.php-debug)
    - i. For step 1: use the recommend wizard
    - ii. Step 2 & 3: here's what I have in my php.ini

```
zend_extension = C:\\xampp\\php\\ext\\php_xdebug-2.5.4-7.1-  
vc14.dll  
[XDebug]  
xdebug.remote_enable = 1  
xdebug.remote_autostart = 1
```
5. How to debug PHP
  - a. Breakpoint can be set by click on the left of the line number

You still use Postman to submit a request. But before you hit send, you need to get the debugger listen for the request. Here's how:





Hit Send in Postman then you'll see a toolbar to step in/step into

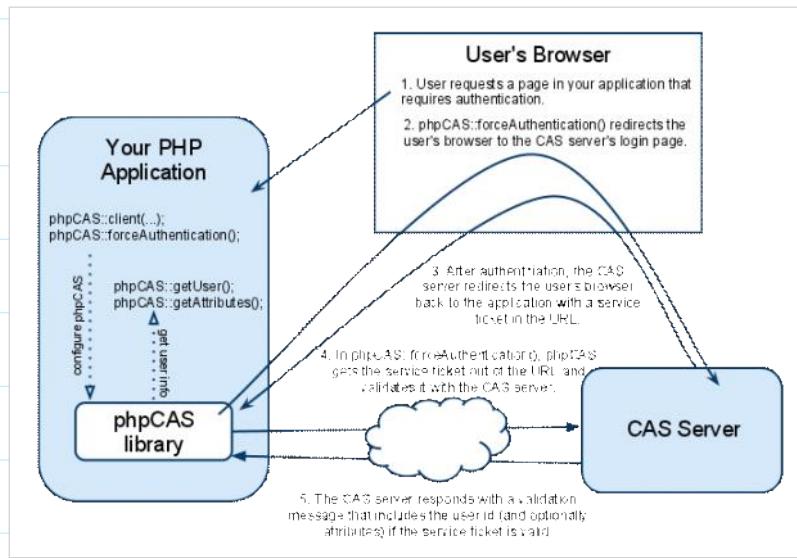
# Database problems/changes

Sunday, July 23, 2017 6:08 PM

- Foreign key exam\_fkey in the in\_class\_exam table is set to RESTRICT on delete when it needs to be set to CASCADE. That way, when an exam is deleted, it also deletes its entry in the in\_class\_exam table.
- The in\_class\_exam table allows multiple teacher\_id's for one exam\_id, but exam\_id should be unique because multiple teachers can't create the same in class exam
- New Student column: "attempt\_made" INT
- Exam\_grade: new column "comment" VARCHAR, NULL allowed
- Add exam name column to exam table

# Single Sign On

Thursday, July 27, 2017 9:04 AM



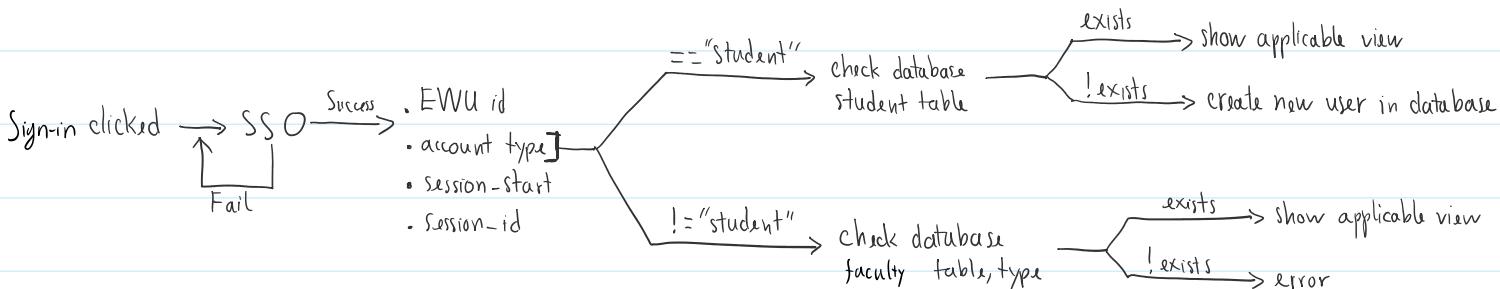
From <<https://wiki.jasig.org/display/CASC/phpCAS+examples>>

```
$_SESSION  
{  
    "phpCAS": {  
        "user": "tnguyen44",  
        "attributes": {  
            "UserType": "Student",  
            "Email": "tunguyen@eagles.ewu.edu",  
            "FirstName": "Tu",  
            "Ewuid": "00791561",  
            "LastName": "Nguyen"  
        }  
    }  
}
```

`session_id()`

Every request needs: id, type, session\_id

Log in flow



# Code Review

Sunday, July 30, 2017 6:04 PM

- Get\_all\_apes:
  - why allows students?
    - I thought we could use this when a student wants to view their grades for all the exams they have taken. Although I now realize that would require a more complex sql statement so maybe this functionality belongs somewhere else
  - Teacher exam doesn't get returned
    - I just fixed this issue
- Register:
  - Need to randomize a student's seat number.
  - Why used seat\_num in isSeatOpen function?
    - This is to check if a specific seat is open, so the seat\_num is necessary
  - Suggestion, to get the current registered number of seats: select count (student\_id) from exam\_roster where exam\_id = request\_exam\_id. No need to use for loop.
    - This will work better with the randomized seats, the for loop only really worked for grabbing the first available seat
  - Comments
- Input\_validate:
  - Change "check" function name to be more intent-revealing

# Multiple Account Types

Thursday, October 12, 2017 1:43 PM

Types Admin, Teacher, Grader, Student

create exam first → import students

Combinations: Admin, Teacher

Add in-class exam tab in Exam table

Admin, Teacher, Grader

Grader sub menu or sidebar: Grader Dashboard  
+ Grading page

Teacher, Grader

Admin + Teacher

Exams  
Users  
Locations  
Categories

Admin + Teacher + Grader

Admin  
Exams  
Users  
Locations  
Categories  
Grader  
Grading

Teacher + Grader

Teacher  
Exams  
Students

Grader  
Grading

# Scratch

Tuesday, July 18, 2017 2:10 PM

# Debug

Saturday, October 28, 2017 12:33 PM

- Exams page

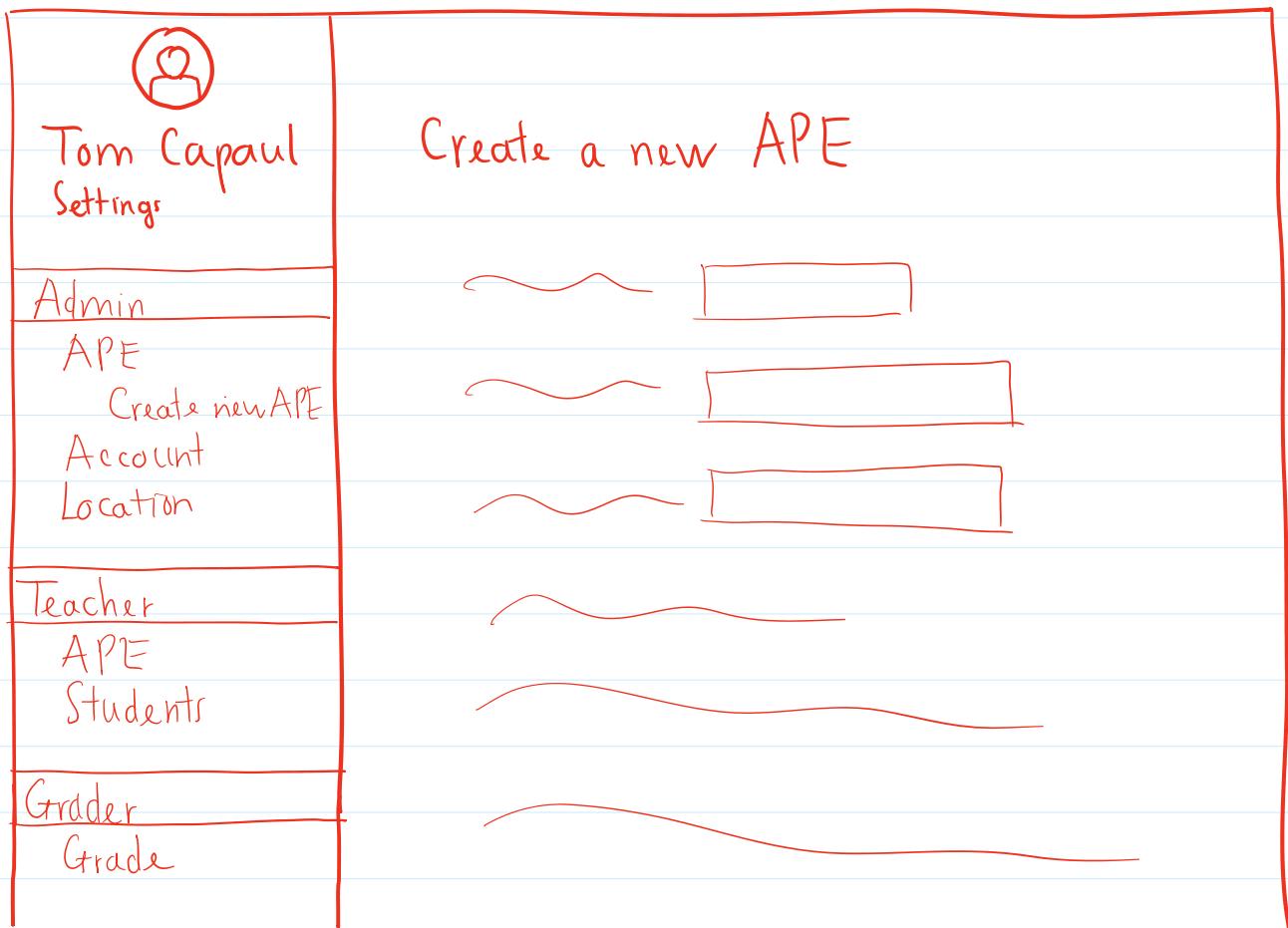
- Modal needs to stay when click Save changes
- Disable Register button after register the student in Roster tab
- Unregister students doesn't remove the row
- Clear look up student text box
- Editable seat num
- In Roster tab, restrict teacher to lookup only their students
- Report CSV Format: ANDY
- Exam detail edit button: AARON
- If the grader no longer in faculty table, they won't show up in the graders dropdown list even though that exam has the grader assigned ->

- Users page

- Edit button for user modal

## Sidebar layout

Monday, July 24, 2017 5:56 PM



## ADMIN

Exam  
Users  
Categories  
Locations

## TEACHER

Exam  
Users  
Grading

## GRADER

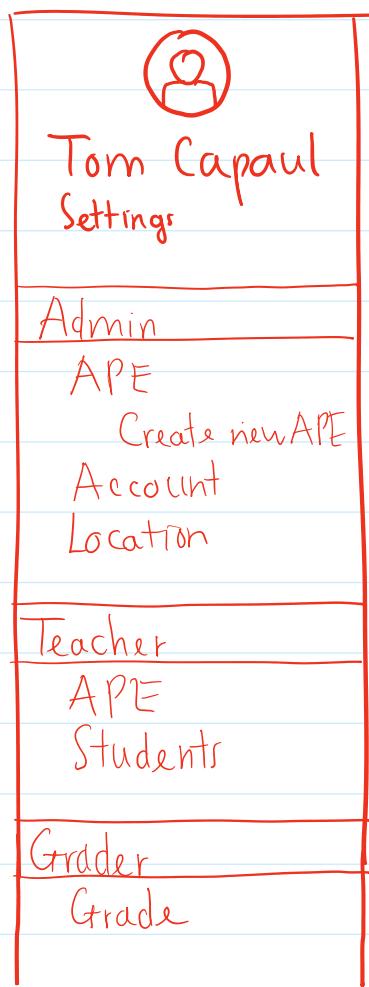
Grading

## STUDENT

My Exams

## Settings page

Monday, July 24, 2017 5:56 PM



## Settings

Grade difference range

Number of Graders per Category



## UI structure

Tuesday, August 8, 2017 4:23 PM

### Exam

- index.php
- exam\_table.html
  - + Table
- exam-modal.html
  - + add modal
- exam-script.js

include super-page.php

The screenshot shows the 'Exams' section of the website. At the top, there's a red header bar with the university logo and the text 'EWU Advancement Programming Exam'. Below it is a sidebar with links: 'APE Home', 'Exams' (which is the active page), 'Categories', 'Locations', and 'Users'. The main content area has a blue border and contains a table titled 'Exams' with columns: Date, Start Time, State, Passing Grade, Duration, Cutoff, Edit, and Delete. There are nine rows of data. A 'Create Exam' button is at the bottom of this section. At the very bottom is a dark red footer bar with links: Contact Info, About, Give to EWU, Locations / Map, Canvas, EagleNET, Library, Jobs, and Site Map. The footer also includes the text '© 2017 Eastern Washington University'.

header.php

sidebar.php

exam\_table.html

super-page.php  
+ header  
+ sidebar  
+ footer

index.php

function head(<sup>home</sup>)  
function body ("exam")

home.php

head  
body (home)  
footer

exam.php

head  
body (exam)  
footer

super-page.php

+ buildPage ( \$tiny )

exam-index.php

, include superpage  
, buildPage ("~")

view/

super  
index.php

CSS/

custom.css

JS/ validation.js  
script.js

home/

index

home.php

~~home~~ table.html

home-modal

home-script.js

exam/

index.php

~~exam~~.php

exam-table.html

exam-modal.html

exam-script.

cat

index.php

Super.php

~~include~~  
<html>  
meta  
function("exam", "script")  
<body>  
include(exam.html)  
<script> igasny </script>

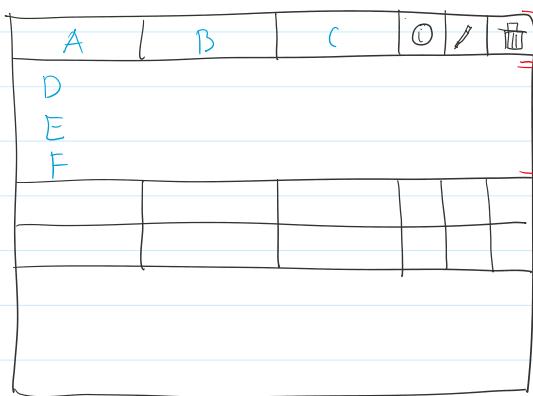
- Add 3 hidden input fields to HTML for requester id, requester type, and requester session that auto populated so \$("#form").serialize() will include those values

```
<input type="hidden" class="form-control" id="requester-id"  
name="requester_id"/>  
<input type="hidden" class="form-control" id="requester-type"  
name="requester_type"/>  
<input type="hidden" class="form-control" id="requester-session"  
name="requester_session"/>
```

- Dynamically change modal title, submit button text and operation attribute between "create" and "update"

Submit-button click -> submitForm() -> is data-operation "create" or "update" -> submitCreate() or submitUpdate()

- Each item in the data has class "item-row" so it can be selected to remove/empty table
- Click button vs span



1. build main-table
2. build item-row \_\_\_\_\_ . summary row data array
3. build item-row-detail \_\_\_\_\_ . detail row data array
4. append (3) to (2)
5. append (2) to (1)

```
buildMainTable ( String[] headerArr )  
{  
    for each header in headerArr  
    {  
        <th> header </th>  
    }  
    return table  
}
```

```
buildItemRow ( Object summaryData )  
{  
    // build row  
    // build info, edit, delete buttons  
    return row  
}
```

```
buildDetailRow ( Object detailData )  
{  
    // build detail  
    return detailRow  
}
```

# Students view tab

Wednesday, August 30, 2017 10:27 AM

Admins  Teachers  Graders  Students  
 Create User  Import Users   P

No record(s) showed

Record(s) appear here after search  
or create or import

Always shows teacher's  
uploaded students ???

# Admin/Teacher Dashboard

Wednesday, August 30, 2017 10:36 AM

## Admin Dashboard

### Upcoming APE

Fall APE 11/20/2017, 12:00 p.m.

Location: CEB 208

Registered seats: 23



Available seat: 10

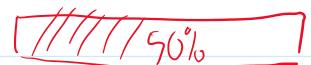
### Grading in-progress APE

Summer APE, 07/24/2017, 12:00 p.m.

Graders:



Stu Steiner  50%



Chris Peter



Tom Capaul



# Grader Dashboard

Sunday, September 3, 2017 4:34 PM

## Grader Dashboard

Grading in-progress APE

Summer APE, 07/24/2017, 12:60 p.m.

Progress : 



# Student Dashboard

Tuesday, September 12, 2017 7:55 PM

## Student Dashboard

Congratulations! You've passed the APE

[View My Exams](#)

## Available APE

Fall APE, 23/10/2017, 12:00pm

Location: CEB 208

Duration: 3 hours

Available Seats: 20

[Register Now](#)

You already registered for an exam. You can unregister and register another exam below if available. X

Upcoming Exams						
Name	Date	Start Time	Duration	Location	Available Seats	Action
	0000-00-00	12:00:00	4 hours	CEB 228	50 seats	<a href="#">Register</a>
	0000-00-00	12:00:00	4 hours	CEB 211	3 seats	<a href="#">Register</a>
Summer 2017	0000-00-00	12:00:00	4 hours	CEB 211	FULL seats	<a href="#">Register</a>
Summer 2017	0000-00-00	10:00:00	4 hours	CEB 228	50 seats	<a href="#">Register</a>
Summer 2017 3	2017-08-08	08:00:00	2 hours	CEB 228	50 seats	<a href="#">Register</a>
Summer 1	2017-08-08	08:00:00	6 hours	CEB 220	90 seats	<a href="#">Register</a>
Teacher Exam Test	2017-08-08	12:00:00	4 hours	CEB 220	90 seats	<a href="#">Register</a>
Teacher Exam Test	2017-08-08	12:00:00	4 hours	CEB 222	30 seats	<a href="#">Register</a>
Teacher 12399	2017-08-16	08:00:00	3 hours	CEB 228	50 seats	<a href="#">Register</a>

Ready: msg-box: ready

registerbtn: enabled

Registered: msg-box: registered

registerbtn: grey-out

unregister btn on registered exam

↓  
reload table

Passed : msg-box: passed, view my grade

register-btn: remove

remove column

Blocked: msg-box: blocked

register-btn: remove

remove column

## Exam Roster

ID	FName	LName	Seat #	Score	Action
----	-------	-------	--------	-------	--------

05	Tu	Nguyen	1	90	<input checked="" type="checkbox"/> Edit Grade
----	----	--------	---	----	--

Cat 1  / 30

Cat 2  / 30

Cat 3  / 30

Result   Comment +

→

Saturday, July 29, 2017 9:36 AM

- Install cURL: `sudo apt-get install php-curl`

# Set up Git remote production server

Tuesday, September 5, 2017 6:44 PM

1. Add remote repo

```
git remote add production ssh://ape01dev@146.187.134.41/home/ape01dev/ape-master
```

2. Push remote repo, master branch

```
git push production master
```

Tuesday, November 14, 2017 3:00 PM

**Get\_exam\_roster.php:**

1. Calculate average grade from graded cat grades -> update student\_cat\_grade
2. Calculate total grades from final cat grades in student\_cat\_grade -> update exam\_grade

-----5 MINUTE-----

1. What is APE website TU
  - a. A website for student to register an APE and view grades
  - b. For admin: manage APEs, students, grading
  - c. For teachers: in-class APEs, grading
  - d. For graders: grading
2. Current website TU
  - a. Good: strong object-oriented design
  - b. Bad: too much code, duplicate code, can't not extend

-----8 MINUTE-----

3. New website ANDY
  - a. Reuse Database from previous team
  - b. RESTful API design
  - c. MVC
  - d. Easy to extend in the future
  - e. Bootstrap for modern UI looking
4. Security ANDY
  - a. Front-end, back-end validation
  - b. SQL injection
  - c. Cross-site scripting
  - d. Check requester on API request (id, type, session)

-----7 MINUTE-----

5. UI/UX AARON
  - a. One-page approach
  - b. Dynamic sidebar
  - c. Attention to detail
6. Demo AARON
  - a. Admin dashboard
  - b. Create an APE
  - c. Show Roster with grades. Edit grades
  - d. Graders grading
  - e. Student exam history

-----3 MINUTE-----

7. Wrapping up TU
  - a. Challenges: build from scratch, small team -> each person has to specialize
  - b. What we learn: how to make an API, Bootstrap, Git, project management, teamwork
  - c. What planned for the rest of the quarter: user testing, deployment