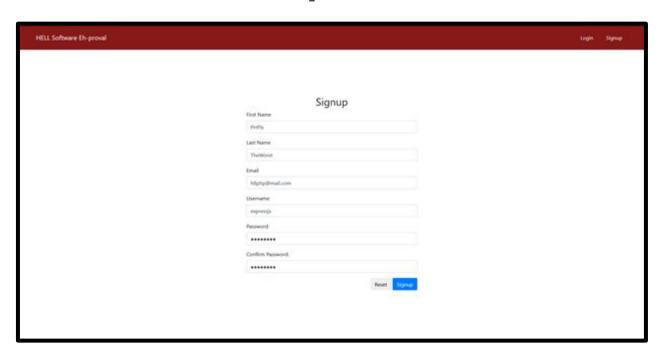
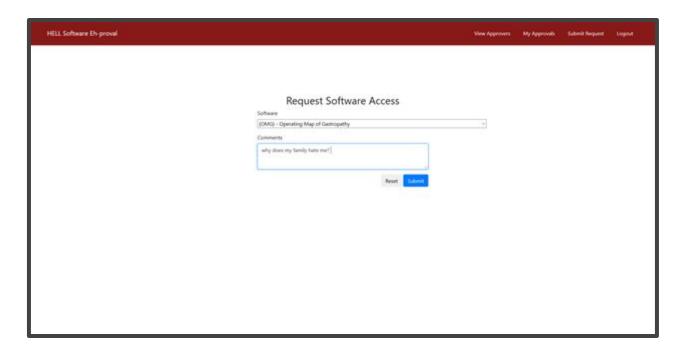
## ENSE 470, Milestone 7

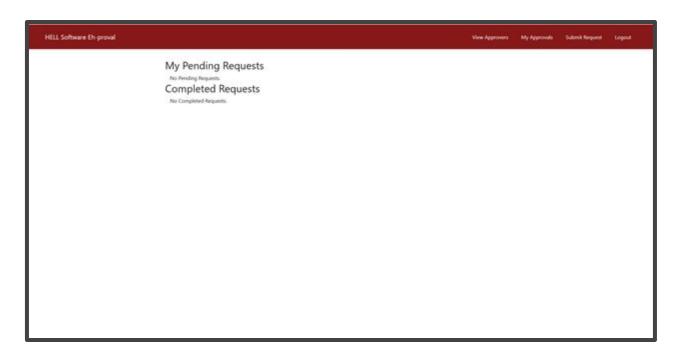
Team: ENSE Master Race Jonathon Wells Yilin Ren Jeff Redmond







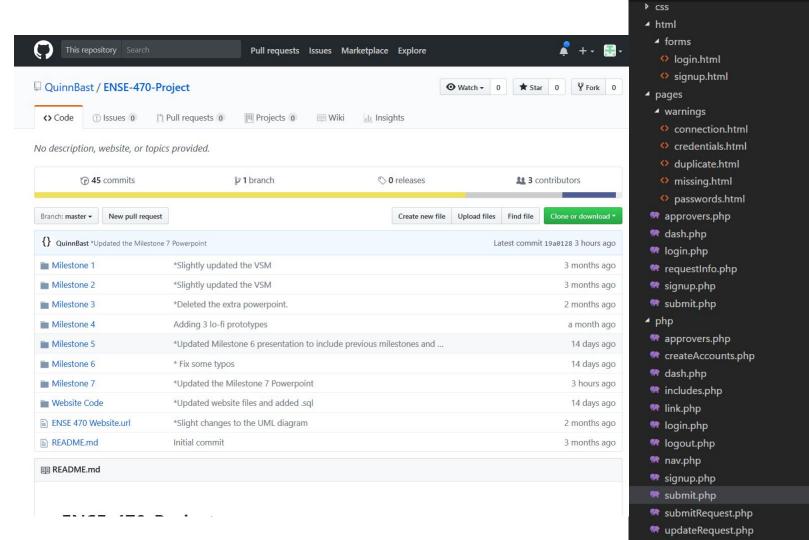
HELL Software Eh-proval			View Approvers	My Approvals	Submit Request	Logout
	Acronym	Software Name	Employee Name			
	DMG	Operating Map of Gastropathy	Chester Field			
			tda Claire			
		etwalthChart	Warren Prace			
		Environmental Home Manager	Linda Hand			
	COR	Clinical Data Repository	Lotta Noyse			
	NOORS	Aletcare Occupation & Observation Base System	Barb Wyre			
	FAD	Find a Doctor	Bursen Burner			
	DIV	Drug Profile Viewer	Pea Pu			
			Crystal Ball			
	AL-AZ	Abdomen Tissue and Analysis Tool	Ide Claire			
	PCV	Provider Coverage Viewer	Ginger Vitus			
	2041	Transcription Magic Interpreter	Jack Uzsi			
		PharmaCare	Mason Jarr			
	PRS	Provider Registry System	Ty Kubn			
	ELSI	Electronic Lab System Interpolator	Waczie Naime			
		imperhealth (For British Columbia)	Rod Curtains			
		eReferral	Kayne Kun			



#### **GitHub review**

Is the teams GitHub readable?

• It's hella clean looking



#### GitHub review

Does the team provide good documentation?

No real documentation provided, nothing specifying approver login credentials for testing.

Is your team able to understand the file/folder names/structure (flow)?

Yes, the file organization and names are obvious and straightforward.

Would your team be able to easily and quickly pick up where they left off?

There are no comments in the code that say where they left off, but if we look through the website and their user story map, we can easily figure this out.

Do you have any comments/guidances for the team in this area?

No, it was exceptionally clean. Maybe leave some info in the GltHub readme with URL and how to go about logging in and testing.

#### Refactor review

#### Is the team's code obvious/readable for other programmers

Group Eh?'s code was quite organized and easy to follow, any programmer that
has had experience with web design should be able to understand what is going
on. And the code appears to be easy to maintain.

#### Do all test pass? Is the team's ATDD easy or hard to find on the GitHub, discuss

The ATDD was easy to find in the GitHub. All tests passed except for a test they
had declared for the software approver. The test was searching and filtering
tickets.

#### Clean Code: Component-based

#### Marginally Unclean Code: Repeated Code

```
if($ SESSION['role'] === 'Administrator'){
 <a href="/pages/approvers.php">View Approvers</a>
  <a href="/pages/dash.php">My Approvals</a>
  <a href="/pages/signup.php">All Approvals</a>
  <a href="/php/logout.php">Logout</a>
 else if ($ SESSION['role'] === 'Approver'){
 <a href="/pages/approvers.php">View Approvers</a>
  <a href="/pages/dash.php">My Approvals</a>
  <a href="/pages/submit.php">Submit Request</a>
  <a href="/php/logout.php">Logout</a>
} else {
 <a href="/pages/approvers.php">View Approvers</a>
  <a href="/pages/dash.php">My Approvals</a>
  <a href="/pages/submit.php">Submit Request</a>
  <a href="/php/logout.php">Logout</a>
```

### Nitpicking: Long Lines

```
if ($result->num_rows > 0) {

// output data of each row
while($row = $result->fetch_assoc()) {

$pw = $row['employee_first_name'] . $row['employee_last_name'];

$pass = hash('sha512', $pw);

$if($conn->query($insert) === TRUE)(

| echo $conn->error;

}

}

| else {

| echo $conn->error;

}

}
```

# Nitpicking: Spacing between separate languages in one file

```
<div class="form-group">
 <label for="software">Software</label>
 <select id="software" name="software">
 <?php
 if ($SoftwareResult->num rows > 0) {
   // output data of each row
   while($row = $SoftwareResult->fetch assoc()) {
     if($row['software acronym'] != ""){
       echo "<option value='" . $row['software id'] . "'> (" . $row['software acronym'] . ") - " . $row['software name'] . "</option>";
       echo "<option value='" . $row['software id'] . "'>".$row['software name']."</option>";
<div class="form-group">
 <label for="comment">Comments</label>
 <textarea type="comment" class="form-control" id="comment" name="comment"></textarea>
```

# Nitpicking: Spacing between separate languages in one file

```
<div class="form-group">
  <label for="software">Software</label>
  <select id="software" name="software">
 if ($SoftwareResult->num rows > 0) {
   while($row = $SoftwareResult->fetch assoc()) {
     if($row['software acronym'] != ""){
       echo "<option value='" . $row['software id'] . "'> (" . $row['software acronym'] . ") - " . $row['software name'] . "</option>";
       else
       echo "<option value='" . $row['software id'] . "'>".$row['software name']."</option>";
<div class="form-group">
 <label for="comment">Comments</label>
 <textarea type="comment" class="form-control" id="comment" name="comment"></textarea>
```

#### Refactor review

We exposed the website to the tests that they had proposed for their ATDD and everything passed

We looked through their user story map and saw that there was no ATDD tests missed.

There was one location that was marginally unclean due to some duplication of code, other than that everything was quite fresh

#### Design pattern discussion

They used the MVC pattern which is pretty standard for web design as it naturally separates out into those aspects.

As noted, they used component-based architecture, building pages based on multiple smaller components.

#### Reviewed Teams response

Does Group Eh? Have any questions or comments?

#### Group reflection

#### How did you feel about this milestone? What did you like about it?

• We have mixed feelings about this milestone.

## What did you learn about yourself as you collaborated and worked through this milestone?

We learned that we still don't like PHP.

#### How will you use what you have learned going forward?

 Viewing PHP files made us happy that we chose to use Vue with Express.js instead.

#### What stuff and things related to this milestone would you want help with?

• We feel that if you were to do this milestone again you should pair up teams to review one another that have similar tech stacs.







