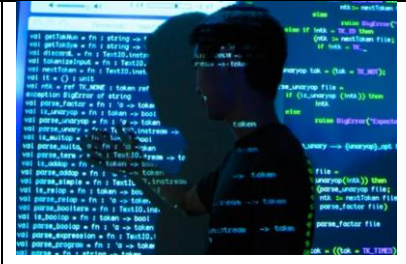


Software Engineering and Testing

Lab 6: (Read all instructions carefully)



Upload Lab6.PDF + Show latest Dated Diary entry - (Trello) to Lecturer

Part (a) Daily Scrum: (3 to 5 Minutes MAX per team)

SHOW: Diary / SLIDES / LATEST VERSION ARCHIVE / SHIPPABLE ARTIFACT

What have I done last week to move the project forward? What will I complete today and why?
What are any impediments I need to raise?

Show 6th Diary Entry to Lecturer via Trello
(CREATE NEW – DATED - TRELLO ENTRY WEEKLY)



Part (b) Sprint (Objectives of Lab)

Create physical ERD

Add designer view to Lab6.pdf

Show Physical ERD to lecturer

Classes:

- Create Conceptual Class Diagram
- Create CRUD connection VIA object in PHP. See Chapter 12 of [Lecture 6 \(Here\)](#) for sample class code in PHP.

Add GitHub or OneDrive source code (Version 5.0)

Add Link to Lab5.pdf

```
<?php
# Fill our vars and run on cli
# $ php -f db-connect-test.php

$dbname = 'name';
$dbuser = 'user';
$dbpass = 'pass';
$dbhost = 'host';

$link = mysqli_connect($dbhost, $dbuser, $dbpass) or die("Unable to Connect to '$dbhost'");
mysqli_select_db($link, $dbname) or die("Could not open the db '$dbname'");

$test_query = "SHOW TABLES FROM $dbname";
$result = mysqli_query($link, $test_query);

$tblCnt = 0;
while($tbl = mysqli_fetch_array($result)) {
    $tblCnt++;
    #echo $tbl[0]."<br />\n";
}

if (!$tblCnt) {
    echo "There are no tables<br />\n";
} else {
    echo "There are $tblCnt tables<br />\n";
}
```

Archive website as version 5.0 on **MS OneDrive** folder shared between all team members (As Editors), or **GitHub**.

Accessibility to remain available all semester

Include link to Archive Directory or Hub in Lab6.pdf Upload Document.