# Mock up screens for the Site

### Due Date: Tuesday 30th October 8am

### Value: 10%

## Title

Our tool is called various things “Student Affect Tool” “Checkpoint tool” “Project”. Can you come up with a name for it?

## “Check point” project

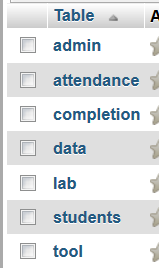
Read carefully through the Project PowerPoint and try to understand the existing system. You have to create a student dashboard that lets students interact with their own data. They are not allowed for privacy reasons to see other students’ individual data points. However, it would be appropriate for them to be able to compare their responses with the class average responses.

## Checkpoint tool

Create the checkpoint tool. You will want to be able to add data to see whether your features are working.

## Data

When you think everything is working add in the real anonymized data. There are six tables



The data is currently in six spreadsheets. See the document Table Structures for the names of fields and the order that the spreadsheet columns are in. You must call your tables and fields exactly the same names.

## Screen mock ups:

Pretend that these are the pages you will give a designer, you must show all required text and components. You are required to create a paper based mock-up of every screen in your site. You may use any tool you like for this. Graphs must be created using real data but they can be created in google charts jsfiddle, excel or another spread sheeting program. In the past students have used photoshop and excel, or web pages with no functionality. Other screen mock up tools could be used; <http://www.hotgloo.com/>, <http://www.lumzy.com/>, https://gomockingbird.com/ , <https://balsamiq.com/> . You must show all titles, tables, graphs, submit buttons, forms and form components and links using the above data.

## Data entry screens:

lab number, name, tutor password

tool 1, tool 2, tool 3

Currently we only show completed labs for a given student (we ask for student id number) in this new system we will need it to be properly password protected and access controlled and this is where you will design the new student dash board or series of pages.

## Possible dashboard items:

I would like the dash board to be a motivational tool:

Show a student their completed labs

Show them what labs are checkpoints

Show them whether they are up-to-date with their labs. (I don’t specify when labs are due in the system, but there is always 1 or 2 people who finish a lab on the same day it is given out, student have a week to complete a lab)

Six dimensions three tools: Interest vs Difficulty, Plan vs Familiarity, Satisfaction vs Improvement

You can view a student’s response per tool or per dimension

You can show class averages for each dimension

You could show icons representing emotions and colours- this is not a statistical tool

(if they are feeling triumphant they could see a happy animated character)

Gauges and other non standard display are good

## Navigation

Decide how many separate parts you are going to have e.g.

Checkpoint tool

Student checking their own results (protected by student password)

## Alterations to the database

These should be kept to a minimum, hopefully not more than the addition of a student password.

## Turn in:

This assignment will be marked in class as per our checkpoint exercises. You must show:

Printout/pdf/electronic of all your mocked up pages

Pages showing your navigation

Save in gitlab on the due date.