

# MARKING CRITERIA and STUDENT FEEDBACK

This section details the assessment criteria. The *extent* to which these are demonstrated by you determines your mark. The marks available for each criterion are shown. Lecturers will use the space provided to comment on the achievement of the task(s), including those areas in which you have performed well and areas that would benefit from development/improvement.

| Common Assessment Criteria Applied                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Marks Available | Marks Awarded |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|
| <b>General Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                 |               |
| You have understood the practical needs for this data driven website and you are able to manage data effectively (delete on members is problematic). However, there is a distinct lack of demonstration that shows "linked" data withing you implementation - its basically "CRUD" on a number of tables. You have demonstrated the use of a 3rd party plugin for the visual effects, charts are fine, be mindful of buttons on the chart - they do not work. Also, its nice to see that you have embraced the use of prepared statements throughout this project. For completeness, you do need to reflect on the websites functionality and see how this can be improved (especially if you are seeking a career in webdev)                                                                                                                                      | 100             | 57            |
| <b>1. Engagement with Literature Skills</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |               |
| Although you have carried out a decent amount of research and comments made around the issue of SQL Injection, you are missing key information around the use of prepared statements and how they could be implemented.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 15              | 8             |
| <b>2. Knowledge and Understanding Skills</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                 |               |
| Database design for this website appears to be normalised and is an effective solution - DB diagram tool in PhpMyAdmin shows the links between tables (did you consider check constraints ?)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10              | 10            |
| <b>3. Cognitive and Intellectual Skills</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                 |               |
| Although you have embraced the implementation of prepared statements throughout your development (nice work indeed). You have missed the issue on how you could hack your own website and then discuss the use of prepared statements - a sort of before/after. Simply the discussion is somewhat weak and missing examples of "poorly" written code should have been included                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 15              | 7             |
| <b>4. Practical Application Skills</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                 |               |
| A fair implementation of managing data through a web frontend (except deletion of members not functional). Data entry does need validating via HTML5 of JS/jQuery in order to stop erroneous data being entered. Although the basics are present (prepared statements used extensively), you are embracing that most elements within the data entry process have linked data - or is this a case of running out of time. For completeness, you should have fully tested this implementation for any issues/non functional elements (Buttons on your chart), be mindful of duplicated code (should this be a function ?). Also, you have embraced the idea of hosting this solution (experience is useful?). As mentioned, if you are looking for a webdev career, you need to reflect on this implementation and be a little more careful on your development path | 60              | 32            |
| <b>5. Transferable Skills for Life and Professional Practice</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |               |
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| <b>Assignment Mark</b> (Assessment marks are subject to ratification at the Exam Board. These comments and marks are to give feedback on module work and are for guidance only until they are confirmed. ) | Late Submission Penalties (tick if appropriate) |     | 57 |
|                                                                                                                                                                                                            | Late Submission ?                               |     |    |
|                                                                                                                                                                                                            | 1st/2nd/3rd attempt?                            | 1st |    |