COMP2011 Web Application Development

Coursework 2 Mark scheme

Student:			

	Advanced	Intermediate	Basic
Web forms (**10 marks**)	- Field types appropriate to their intended content are used - Client side/server side validation is applied and informative feedback is provided to the user when incorrect input is provided	- A variety of fields are used within the forms - Client side/Server side validation is applied to ensure the integrity of the web application	- Forms are used to collect data inputted by the user - Some processing occurs on the server side
Comments			

	Advanced	Intermediate	Basic
Database (10 marks)	- Field types appropriate to their intended content are used - Client side/server side validation is applied and informative feedback is provided to the user when incorrect input is provided - A many-to-many relationship has been implemented	- Validation is applied to ensure the data in the database is consistent - The database makes use of database relationships - Queries on fields are applied to retrieve data from the database - Primary keys have been appropriately used	- At least to models have been implemented - Correct field types have been used - Appropriate use of queries are used to display the data to the user
Comments			

	Advanced	Intermediate	Basic
Authentication & sessions (10 marks)	- Users can log in and personalise their experience whilst logged in - Users can change their password	- Users are able to log in and stay logged in until they log out - if cookies are used an appropriate user privacy warning is displayed	- Some basic method of identifying the user
Comments			

	Advanced	Intermediate	Basic
Appropriate styling **(5 marks)**	- The web site is to a professional standard - The web site is responsive and feels natural to use on both tablet and desktop computers	- The user experience of the web-site is consistent - Key functionality implemented in the website is easy and intuitive to use - Some consideration has be applied to enable accessibility to the website	- The styling of the web site is appropriate for its purpose
Comments			

	Advanced	Intermediate	Basic
Unit testing **(5 marks)**	- All server side parts of the web application are tested using a unit testing framework. - The tests cover all boundary cases	- The unit tests cover key features of the web application - The database queries that are important to the website are tested using a unit testing framework	- A unit test has been implemented to test some functionality of the web application
Comments			

	Advanced	Intermediate	Basic
Logging **(5 marks)**	- Logging includes different levels of severity	- Logging is implemented with useful message being saved. - Logging	- Logging is implemented either in files or as a separate database model
Comments			

	Advanced	Intermediate	Basic
Report **(10 marks)**	- The report is of a high standard - A good description of potential security risk has been provided. - The evaluation considers user experience relating ease of use back to design decisions	- The report is well presented with clear section titling - Appropriate technical language is used	- The report covers all areas highlighted in the specification - References are provided is some suitable format
Comments			

Question	Marks available	Marks awarded
Web forms	10	
Database	10	
Authentication & sessions	10	
Appropriate styling	5	
Unit testing	5	
Logging	5	
Report	15	
Total	**60**	