

COMP2011 Web Application Development

Coursework 2 Mark scheme


Student:

	Advanced	Intermediate	Basic
Web forms (5 marks)	<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">- A variety of fields are used within the forms- Client side/Server side validation is applied to ensure the integrity of the web application	<ul style="list-style-type: none">- Forms are used to collect data inputted by the user- Some processing occurs on the server side
Comments			

	Advanced	Intermediate	Basic
Database (10 marks)	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - At least two 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 (5 marks)	<ul style="list-style-type: none"> - Users can log in and personalise their experience whilst logged in - Users can change their password 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - Some basic method of identifying the user
Comments			

	Advanced	Intermediate	Basic
Appropriate styling (5 marks)	<ul style="list-style-type: none"> - The web site is to a professional standard - The web site is responsive and feels natural to use on both tablet and desktop computers 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - The styling of the web site is appropriate for its purpose
Comments			

	Advanced	Intermediate	Basic
Unit testing (5 marks)	<ul style="list-style-type: none"> - All server side parts of the web application are tested using a unit testing framework. - The tests cover all boundary cases 	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - 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 is implemented either in files or as a separate database model
Comments			

	Advanced	Intermediate	Basic
Deployment (5 marks)	- The app has been deployed and all elements of the site are functioning without issue	- The app has been successfully deployed and most elements of the site are accessible	- A reasonable attempt has been made to deploy the application
Comments			

	Advanced	Intermediate	Basic
Features (5 marks)	<ul style="list-style-type: none"> - One or more advanced features have been implemented - Implementation is executed to a high standard - Feature(s) are directly relevant and strongly enhance the user experience 	<ul style="list-style-type: none"> - One or more features are present - Some consideration has taken place to consider how features are integrated 	<ul style="list-style-type: none"> - One or more features are present - Implementation is basic and simplistic
Comments			

	Advanced	Intermediate	Basic
Report (15 marks)	<ul style="list-style-type: none"> - 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 	<ul style="list-style-type: none"> - The report is well presented with clear section titling - Appropriate technical language is used 	<ul style="list-style-type: none"> - The report covers all areas highlighted in the specification - References are provided in some suitable format
Comments			

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