XJCO2011 Web Application Development

Coursework 1 alternative submission Mark scheme

	Advanced	Intermediate	Basic
Implementation - templating (**10 marks**)	- The student has employed good use of templates. - The student has implemented a template that integrates bootstrap.	- The student has used template inheritance to good use. - The template is provide appropriate presentation of content.	- The student has used templating and the generated content is HTML5 and CSS3 compliant.

	Advanced	Intermediate	Basic
Implementation - Model & Logic (**14 marks**)	- The student has delivered an application which fully meets the specification. - The code style is consistent and of a high quality. - The student has provided suitable comments throughout the code.	- The student has created the appropriate views and forms to facilitate the functionality outlined in the specification. - The student utilised appropriate data types for the model. - The student has used appropriate scripts to manage database migration, updates and rollbacks.	- The student has created an appropriate model for the application.

	Advanced	Intermediate	Basic
Documentation - Development notes **(10 marks)**	- The student has described the architecture of the web application in terms of the three-tier architecture. - The student has justified the use of data types in the model.	- The student has related specific sections of code to features of the architecture. - The student has considered security. - The student has demonstrated an understanding of handling requests.	- The student has provided a description of the design and architecture. - The student has provided wireframe models - The student has demonstrated an awareness of the main features of HTTP.

	Advanced	Intermediate	Basic
Documentation - Evaluation(**6 marks**)	- The student has highlighted the advantages to software quality of testing. - The student has reflected on the challenging comments on what has been learnt and the process of learning it.	- The student has demonstrated an understanding of the purpose of debugging and testing. - The student has identified the impact of any challenges encountered and has documented an appropriate problem solving technique. - Any differences between the specification, design and implementation have been explained.	- The student has described an approach to debugging and test. - The student has provided a personal evaluation and identified challenges they encountered. - The student has considered accessibility.

Question	Marks available	Marks awarded
Implementation - templating	10	
Implementation - Model & Logic	14	
Documentation - Development notes	10	
Documentation - Evaluation	6	
Total	**40**	