**Higher Diploma in Computer Science CA2: 20%**

Topics: Webforms, JavaScript Validation, JQuery Effects.

Question.

Finnegan’s  *™* is the new **Restaurant & Bar** in town. You have been contracted to design the order page for their new website. When ordering online, the customer should provide:

* Username and password (password must be 9 characters in length)
* The size of the no fuss burger they would like: 6oz Large, 10oz Extra-Large, 16oz Supersize (drop down list)
* The number of burgers they want (must be numeric)
* Discount Code

The burgers cost: Large=7 euro, Extra-Large=9 Euro, Supersize=17.50 Euro!

The **order form** will tell the customer how much their bill is.

This month’s discount code is ‘tacotopping’. The customer gets a whopping 10% off their order if they type in this code!!

Provide **appropriate error messages** for validation.

Finally, Finnegan’s have stipulated, that for health and safety reasons, the customer should be given a warning if they select ‘Supersize’. This should happen as soon as they select this option. If possible a JQuery effect should get the customers attention.

**Submit compressed html with all script files. (No sub folders please, everything in the same folder!)**

Marking Scheme:

|  |  |
| --- | --- |
| Detail | Marks |
| Form is arranged neatly within a table | 20 |
| Validation: Username not empty | 5 |
| Validation: Password Length | 10 |
| Password is masked | 5 |
| Burger Size: Drop Down List | 5 |
| Validation: Number of Burger’s is numeric | 10 |
| Condition: Discount Code | 5 |
| Condition/Calculation: Total | 10 |
| Finnegan’s Stipulation | 5 |
| Finnegan’s Stipulation with JQuery Effect | 5 |
| Total | **80** |
| Extra’s |  |
| The WOW factor (Fancy or additional JQuery/JS, Fancy Form Formatting) | 10 |
| Good coding practice (External Scripts / Indentation / Commenting etc) | 10 |
| Total | 20 |
|  |  |
| Overall Marks | **100** |