1621ICT Assessment Item descriptions 2011

|  |  |  |
| --- | --- | --- |
| **Item:** | **When due:** | **%** |
| Electronic quizzes | Conducted online in first 30 mins of lab times in weeks 4,6,8,10, 12 | Each quiz is 4 % Total of 20% |
| Project preparation | Week 3 lab  Week 5 lab  Week 7 lab | 2  5  3  Total of 10% |
| Website full Project submission | Week 11 lab with presentation in weeks 12 and 13 | Website 20%  Documentation 10%  Presentation 5%  Total 35% |
| Exam | End of semester exam period | 35% |

ELECTRONIC QUIZZES

**Weeks 4,6,8,10,12**

**In class tutorial quizzes   
20% (Five quizzes each worth 4%)**

At the beginning of each of these tutorials you will be asked to complete a quick quiz online (15 minutes). NOTE THAT IF YOU ARE LATE FOR YOUR CLASS (MORE THAN 15 MINUTES) YOU WILL BE UNABLE TO TAKE THE QUIZ.

The quiz questions will be a random selection of up to 15 questions coming from the textbook’s end of chapter *review questions*; *apply your knowledge; Hands-on exercises* questions.

|  |
| --- |
| ABOUT THE PROJECT |

***Project description:***

*It is encouraged you do this project as a group, however you have the option of working individually if you wish to do so.*

*If you work in a group, it is suggested you work in groups of 2-3 people*

*If you work in a group, all group members will receive the same mark unless there is a significant disparity of contribution to the project.*

What knowledge/understanding is this assessment designed to check?

This assessment item is designed to:

* Demonstrate your knowledge of HTML, JavaScript, CSS
* Demonstrate your knowledge and understanding of the design process and design principles related to usability, accessibility and general page design.
* Demonstrate your ability to provide a satisfactory web design solution for a specific audience, purpose and set of objectives

What are you required to do?

Construct small web site, on a topic of your choice, for a specific audience and for a specific purpose (3-5 pages if on your own and 6-10 pages if in a group-note this is a rough guide only and doesn’t need to be strictly adhered to) for a topic of your choice.

The project has three (3) parts

|  |
| --- |
| **Project preparation due in weeks 3,5,7 labs (10%)** |
| **Completed website and documentation (25%) due in week 11 lab** |
| **Presentation (5%) due in weeks 12-13** |

**Each project part is described on the next pages.**

PROJECT PREPARTION COMPONENT

Due in Week 3 lab – SUBMIT ON PAPER WITHIN THE FIRST 30 MINUTES OF YOUR LAB CLASS

Project preparation I   
2%

In relation to your website project use the template below to give the following information:

* the group member names list for your project (deduct 0.5 % if not included)
* a brief description of your idea - approx 100-200 word description of what you site will be about. (0.5 %)
* a broad statement of goal (purpose) (0.5 %)
* a broad statement of target audience (0.5%)

**PROJECT PREPARATION TEMPLATE 1**

***INSTRUCTIONS:***

**1. COMPLETE THE FOLLOWING TEMPLATE ELECTRONICALLY**

**2. EITHER SHOW IT TO YOUR LAB INSTRUCTOR OR PRINT IT OUT AND GIVE IT TO YOUR INSTRUCTOR**

**3. MAKE SURE YOU KEEP A COPY AS YOU WILL NEED IT FOR THE FINAL SUBMISSION**

|  |  |
| --- | --- |
| **Group member names:** | **Group member student number** |
| 1. Rory Hiscock | s2776863 |
| 2. Michael Watt | S2684071 |
| 3. |  |
| **Brief description of your idea (100-200 words)**  To make a simple to use site, where people can look at and submit recipes for other people to view. Have a page where our chef has put together some recipes, have a page where people have submitted recipes, and another page where people can submit recipes which will be placed on the user submitted page. | |
| **Statement of PURPOSE** To make a simple to use site, where people can look at and submit recipes for other people to view. | |
| Broad statement of **TARGET AUDIENCE** Anyone that is interesting in cooking. | |

Due in lab Week 5 - SUBMIT ON PAPER WITHIN THE FIRST 30 MINUTES OF YOUR LAB CLASS

Project preparation II   
5%

**In relation to your website project complete the template below to give the following information:**

* purpose (from previous submission) (deduct 0.5 if not included)
* set of objectives (2 % - Good objectives are Specific, Measurable, Action orientated)
* fully completed hypothetical audience profile (1%)
* flow chart (structure diagram) for your project (1%)
* a predictive work breakdown showing tasks and estimated time to complete each task (1% - detailed list of tasks with time estimate in hours)

**PROJECT PREPARATION TEMPLATE 2**

***INSTRUCTIONS:***

**1. COMPLETE THE FOLLOWING TEMPLATE ELECTRONICALLY**

**2. EITHER SHOW IT TO YOUR LAB INSTRUCTOR OR PRINT IT OUT AND GIVE IT TO YOUR INSTRUCTOR**

**3. MAKE SURE YOU KEEP A COPY AS YOU WILL NEED IT FOR THE FINAL SUBMISSION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Group member names:** | | | **Group member student number** | | |
| 1. Rory Hiscock | | | s2776863 | | |
| 2. Michael Watt | | | S2684071 | | |
| 3. | | |  | | |
| **PURPOSE (from previously submitted template – you may have refined it since then based on feedback)**  To make a simple to use site, where people can look at and submit recipes for other people to view. | | | | | |
| **FULL HYPOTHETICAL AUDIENCE PROFILE** | | | | | |
| **Audience characteristic** | **Frequency** | | | **Relevant plan for design and/or functionality and/or content selection and/or content presentation** | |
| Interested in cooking | Once a week | | | Give users the ability to submit their own recipes | |
| **STATEMENT OF SPECIFIC OBJECTIVES**   1. **{objective 1}** Make the site simple to navigate 2. **{objective 2}** Make the recipes simple to read 3. **{objective 2}** Give users the ability to submit their own recipes 4. **{objective 2}** 5. **{objective 2}** | | | | | |
| **Step 1: LIST ALL THE TASKS, IN DETAIL, YOU THINK YOU WILL NEED TO DO TO COMPLETE THE PROJECT.**  **Step 2: MAKE AN ESTIMATE OF HOW LONG YOU THINK IT WILL TAKE TO COMPLETE EACH TASK (IN HOURS).**  **Step 3: IF WORKING IN A GROUP, ALLOCATE TASKS TO INDIVIDUALS** | | | | | |
| **Task** | | **Estimated time to complete this task** | | | **Group member(s) responsible** |
| Gather recipes | | 2~3 hours | | | Michael Watt |
| Create pages for the site | | 2~3 hours | | | Rory Hiscock |
| Put recipes and other information onto pages | | 4~5 hours | | | Michael Watt |
| Style site | | 2~3 hours | | | Rory Hiscock |
| Java Coding | | 2~3 hours | | | Rory Hiscock |
| Testing | | 2~3 hours | | | Michael Watt |
|  | |  | | |  |

Due in lab Week 7

Project preparation III - SUBMIT ON PAPER WITHIN THE FIRST 30 MINUTES OF YOUR LAB CLASS  
3%

**In relation to your project complete the template below to give the following information**

* the storyboards for your project (Contain full details of all media (content, file names etc), placement, appearance, user control; one storyboard for each screen) For full marks contains all details, at least 80% of items included mark=2, less than 80% mark is 1 or less.

**PROJECT PREPARATION TEMPLATE 3**

***INSTRUCTIONS:***

**1. DESIGN YOUR OWN STORYBOARD TEMPLATE AND COMPLETE A STORYBOARD FOR EACH SCREEN**

**2. EITHER SHOW IT TO YOUR LAB INSTRUCTOR OR PRINT IT OUT AND GIVE IT TO YOUR INSTRUCTOR**

**3. YOU NEED THESE FOR YOUR FINAL SUBMISSION SO MAKE SURE YOU KEEP COPIES (SCANNED COPIES IF COMPLETED IN HARD COPY)**

THE WEBSITE and DOCUMENT 30% COMPONENT (DUE IN YOUR LAB WEEK 11)

The Website (20%)

Author your site, you may use Dreamweaver or another HTML authoring tool if you wish.

Your site must contain:

* 1. an assignment cover page which displays
     1. your site title,
     2. team member names
     3. the current date and time
     4. a random piece of trivia, (serious or informative) (see layout below) (see point \* below)
  2. CSS formatting, using each of the following
     1. external style sheet,
     2. embedded style
     3. inline styles
  3. the use of JavaScript on at least one page other than the title page.
  4. Each screen must have a small number on the top right hand corner (you will need these for reference when you do the documentation and references)

You may source images and other assets from anywhere you wish – you don’t need to produce original images, video, text etc. You will need to reference these in your documentation.

**SUMBIT YOUR WEBSITE ON CD ROM or USB together with the following document on the following pages.**

**The document (10%)**

Complete the following template and submit in your lab in week 11 together with your website

**SUBMISSION TEMPLATE**

***INSTRUCTIONS (FAILURE TO FOLLOW SUBMISSION INSTRUCTIONS WILL RESULT IN DEDUCTION OF MARKS):***

**1. COMPLETE EACH OF THE TASKS ON THE FOLLOWING PAGES ELECTRONICALLY**

**2. PRINT COVER PAGE, MARKING CRITERIA (on next page) AND ALL OTHER PAGES**

**3. STAPLE (OR BIND) AND SECURE YOUR CD ROM TO THE PRINT OUTS (SUGGEST USING A SNAPLOCK SANDWHICH BAG STAPED TO YOUR PRINT OUTS. MAKE SURE YOU PUT THIS COVERPAGE AS THE FIRST PAGE OF YOUR SUBMISSION.   
  
PLEASE DO NOT USE PLASTIC SLEEVES, OR FOLDERS TO HOLD YOUR WORK, JUST STAPLE AND SECURE OR BIND**

**4. CHECK YOU HAVE SATISFIED SUBMISSION REQUIREMENTS (these are listed on the cover page for you to check)**

**5. GIVE TO YOUR LAB INSTRUCTOR IN WEEK 11 LAB AT THE BEGINNING OF THE LAB CLASS.**

**COVER PAGE**

|  |
| --- |
| ***Group member names and student numbers + nominate one student as contact and provide an email or phone number*** |
| Rory Hiscock - s2776863 |
| Michael Watt – s2684071 |
|  |

|  |  |  |
| --- | --- | --- |
| *Submission requirements checklist* | YES | NO |
| This cover page is completed and printed and placed as the first page of submission AND the marking criteria pages are printed and placed as second and third pages. |  |  |
| All the tasks in this template have been completed and printed |  |  |
| All pages are stapled OR bound together (no plastic sleeves or folders) |  |  |
| You have your name and student number and page numbers on all pages |  |  |
| You have spell-checked your writing of your submission. |  |  |
| Your writing expresses your ideas simply, briefly and in logical sequence |  |  |
| You have used formal written expression, avoiding the use of informal jargon and use of ‘you’. |  |  |
| Project is neatly presented in a professional manner |  |  |
|  |  |  |
| You have secured your CD ROM/USB AND media is clearly labeled with name and student numbers. |  |  |
| You have included a reference page and appendix with templates 1-3 |  |  |

**MARKING CRITERIA DOCUMENTATION (marked out of 10)**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Deduct 3 marks** | **Deduct 2 marks** | **Deduct 1 mark** |
| **Submission standard**  **NO MARKS DEDUCTION ( ) ALL STANDARDS ACHIEVED** | **Less 80% of submission** requirements on the cover page achieved | **80% -90%** | **>90% < 100%** |
|  | **0** | **0.5** | **1** |
| **Task 1 (technical reference)** | Not completed | Partially complete. E.g. descriptions may be missing | complete |
|  | **0-1** | **2-4** | **5** |
| **Task 2 (justify)** | **It is not clear how design decisions were made. Description of design features may be incomplete or lacking detail**  **And/or**  **Characteristics (audience, objectives, screen design principles) are not well articulated** | **There is some evidence of conscious design decisions relating to audience and objectives and screen design principles.**  **Perhaps all three characteristics (audience, objectives, screen design) were not addressed**  **And/or**  **Some significant design features are not addressed** | **Evidence of solid understanding of how design relates to audience, objectives and purpose . It is clear why design decisions were made.** |
| Task 3 (reflection) | **0-1**  **Task incomplete. E.g. may be missing predictive breakdown, or actual breakdown. Little evidence of critical reflection on design and process.** | **2-3**  **Tasks complete. Task breakdown may not be detailed enough.**  **And/or**  **Need to show more evidence of reflection** | **4**  **Good evidence of reflective ability. Identifies reasons why there may be differences in task breakdowns.**  **Task breakdown is detailed.**  **Shows reflection on both process and quality of final product.** |

**Marking criteria Software (20)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **0-1** | **2** | **3** | **4** | | **5** | |
| **Site standard.**  To what extent does the site serve its purpose?  Is the site congruent with the submitted storyboards, flowcharts **? Innovation/overall impact and functionality**  To what extent does the site show an interesting/ innovative approach to the topic?  How appropriate is the functionality appropriate to the task, product objectives, purpose and target audience? | **poor** | **fair** | **good** | **very good** | **Outstanding** | |
|  | **0-1** | **2** | **3** | **4** | **5** | |
| **Design**  To what extent is the interface appropriate and well presented?  Is the interface consistent?  Are icons used intuitive?  To what extent do screen designs adhere to design principles of usability, accessibility and general design  To what extent is the navigation “intuitive” and predictable for the specified audience and appropriate to the nature of the content? | **poor**  . | **fair** | **good** | **very good** | **Outstanding** | |
|  | **0-1** | **2** | **3** | **4** | **5** | |
| **Technical**  **Does it contain the required elements**  Cover page  with member names,current date/timerandom trivia?  CSS for pages and site  At least one more page with embedded JavaScript Code?**Does it work?**  To what extent does the product work (e.g. links correctly functioning, scripts functioning etc) | **poor** | . **fair** | **good** | **very good** | **Outstanding** | |
|  | **0-1** | **2** | **3** | **4** | **5** | |
| **Overall standard of competency in using HTML/XHTML, JavaScript, CSS** | **poor** | **fair** | **good** | **very good** | **Outstanding** | |

**TASK 1: Indicate where you have used the required JavaScript, CSS. (1)**

**For screens other than the cover screen, give the screen number/numbers in which you have:**

|  |  |
| --- | --- |
| Used JavaScript | Screen numbers:  {1} *{Date, Time and Random Fact}*  {4}*{Random message to users}* |
| Used CSS inline styles | Screen numbers:  {all} *{align text}* |
| Used CSS embedded | Screen numbers:  {4~13} *{Style text}* |
| Applied external style sheet | Screen number: all Style sheet: site.css  What it does…… applies a background to all the pages. |

**TASK 2: Justify your design decisions (5)**

An analysis of the design decisions you made and how they relate to audience and/or objectives and/or purpose and/or good screen design principles.

|  |  |
| --- | --- |
| Audience characteristic | Design features to address this |
| Hungry | Putting pictures of appetizing food to get people to start cooking the food with our recipes |

|  |  |
| --- | --- |
| Intended objective/purpose | Design feature to address this |
| 1. Make the site simple to navigate 2. Make the recipes simple to read 3. Give users the ability to submit their own recipes | Large and Colorful images/pictures indicate what people are clicking on.  Use of large simple font with basic instructions.  Added a page which allows users to input their recipe ideas with pictures and instructions. |

|  |  |
| --- | --- |
| Screen design principles adhered to | Screen numbers on which this principle is evident |
| Interface design goals  Consistency  Ordering of screen data and content  Screen navigation and flow | All pages. Keeping the design simple makes sure that all computers are able to view the website at fast speeds.  All pages. The pages all use the same background and layout which helps the user navigate the site.  All pages 5+. The pages show the information from top to bottom like a typical recipe book.  All pages. The large pictures help the target audience browse the pages more efficiently. |

**TASK 3: Critical reflection (4)**

1. Comparison of predictive and actual task breakdown.  
  
Copy here your original task breakdown table with your time estimates and roles.

|  |  |  |
| --- | --- | --- |
| **Task** | **Estimated time to complete this task** | **Group member(s) responsible** |
| Gather recipes | 2~3 hours | Michael Watt |
| Create pages for the site | 2~3 hours | Rory Hiscock |
| Put recipes and other information onto pages | 4~5 hours | Michael Watt |
| Style site | 2~3 hours | Rory Hiscock |
| Java Coding | 2~3 hours | Rory Hiscock |
| Testing | 2~3 hours | Michael Watt |

Copy here your actual task breakdown table with your actual time and roles

|  |  |  |
| --- | --- | --- |
| **Task** | **Estimated time to complete this task** | **Group member(s) responsible** |
| Gather recipes | 2~3 hours | Michael Watt |
| Create pages for the site | 2~3 hours | Rory Hiscock |
| Put recipes and other information onto pages | 4~5 hours | Michael Watt |
| Style site | 2~3 hours | Rory Hiscock |
| Java Coding | 2~3 hours | Rory Hiscock |
| Testing | 2~3 hours | Michael Watt |

Are there any differences between the predicted table and the actual? NO.

The website took the estimated amount of time that we had originally set to complete. The steps throughout the project took their original estimated times to complete because it took about 2 hours to gather decent recipes, create pages for the information to go onto, use CSS to style the website the way it was required, and testing the final product for errors. It took closer to 3 hours to complete the java programming on the cover page because of the small differences in java programming for console and java programming for web pages. Importing the recipe information gathered onto the website took around 4 hours because the information had to be styled neatly and in a recognizable cooking book styled manner.

1. Write a brief statement (100- 500 words maximum) evaluating your website and the process you went through to complete it. In terms of design and structure is there anything you think could have been done better? In terms of the development process is there anything you would have done differently?

The overall outcome of the website looks good. There is a feel to it that makes it seem like you’re browsing a cooking book online except with the added ability to add to the existing recipes and share them with others. The signup/submit your own recipe page is very simple and would only take about a minute to complete, then you can get right in to adding your own recipes. Part of the original idea was to have the recipes pop out as you clicked on them instead of going to a new page which was the next thing on the list to do if we had more time. If we had someone in the group with a creative spark, they could have helped layout the site to be a bit more appealing to more of the target audience. In terms of the development process I don’t believe there is anything we would have done differently other then add the pop out windows for the recipes.

**References (no marks but must be included to avoid marks deduction)**

List here any websites or other resources you used and the reasons why you used them.

<http://www.taste.com.au/>

**APPENDIX**

Append copies of templates 1-3 completed earlier in semester.

**PRESENTATION IN LAB 5%**

All group members must contribute by speaking at the presentation.

All group members who present will receive the same marks. Group members who are absent or do speak at the presentation will receive a mark of 0

* The presentations provide an opportunity to practise your presentation skills and also to share and discuss your work.
* You are required to talk 5-10 minutes (5 minutes for individuals and up to 10 minutes for group presentations) on the topic of your project.
* Your presentation should include some kind of visual aids
* The assessment for this component is purely based on presentation skills and the content of your topic is left mostly to you- but the content does need to be appropriate and related to your project. Some examples of what you might talk about are listed below:
  + You may choose to show and simply describe your site, talk about your target audience and talk about what future development plans might be made
  + You may choose to show your site and talk about the decisions you made about the design– you could show and discuss storyboards, flowcharts etc
  + You may choose to show your site and talk about your choice of media elements, navigation, layout etc – which ones you included and why you chose them over others

PLEASE PRINT THE FOLLOWING MARKSHEET AND BRING IT WITH YOU TO YOUR PRESENTATIONS.

**PRESENTATION SKILLS CHECKLIST AND FEEDBACK (marked out of 40)**

***PLEASE FILL IN THE PRESENTER NAMES IN ORDER OF PRESENTATION.***

Presenter 1.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Presenter 2.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Presenter 3. .\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Presenter 4\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

| Skill | Absent(0) | Unsatisfactory performance –degree of awareness of skill is present but execution is extremely poor  (1) | Satisfactory performance – skill is demonstrated and there is evidence that it is beginning to be acquired – requires substantial practice to attain mastery. (2) | Good performance  Skill is acquired – mastery not complete - requires refinement (3) | Excellent performance – mastery of skill is demonstrated (4) | comments |
| --- | --- | --- | --- | --- | --- | --- |
| **Instructions to assessor: enter a separate mark for each presenter individually for these first 7 items.(e.g. use different pen colours for each presenter. An average for each of the first seven items will then be calculated to arrive at an overall mark for each item) - this gives some individualized feedback to each person.** | | | | | |
| Maintains eye contact with various audience members-all audience members feel included  Speaks with not at the audience |  |  |  |  |  |
| Projects voice so that all participants can hear. |  |  |  |  |  |
| Controls speaking rate (speaks not too fast nor too slow) |  |  |  |  |  |
| Speaks clearly and distinctly |  |  |  |  |  |
| Avoids repetition of expressions and 'ums and err' |  |  |  |  |  |
| Uses a conversational style-allows personality to come through & Enthusiasm /  Variations of modulation and pitch to provide interest |  |  |  |  |  |  |
| Appropriate gestures and mannerisms (inappropriate or excessive gestures can be distracting or annoying, smile natural and appropriate) |  |  |  |  |  |
| *Overall for the presentation* | | | |  |  |
| Sequencing of information appropriate and clear |  |  |  |  |  |
| Any visual or other AV materials used of good quality (i.e. visual appeal, convey information well) |  |  |  |  |  |
| Clear introduction & conclusion to summarise. |  |  |  |  |  |

**Total out of 40:**