Design Documentation Deliverable

# Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

# Group Name/Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Student ID** | **Student Name** | **Signature** |
|  |  |  |

Please use the checklist below to ensure that your report contains all the items required.

* **Purpose of the website (a brief introduction)**
* **User Types**
* **Justification of Functionality**
* **Detailed Description**
* **Appendices:** 
  + **Web Pages (mock ups of main pages)**
  + **Process Descriptions**
  + **Table Design**
* **Technologies**

**UL Catering Review Website**

**1.0 Purpose of Website**

...

...

**1.1 User Types**

*Identify each user type and the functionality that should be afforded to each user type*

...

**1.1.1 Visitor**

**(Example purposes only)** Visitors to the proposed website will be able view restaurant information (location, pictures, pricing, menus and so forth), read restaurant reviews, view restaurant ratings and view restaurant menus without having to log on to the website. As with book reviews in the Amazon web site ([http://www.amazon.com](http://www.amazon.com/)), visitors will be able to indicate whether or not they found a particular review helpful. A helpfulness indicator, which summarizes the opinions of previous readers, is attached to each review.

...

**1.2 Justification of Functionality**

*Use existing websites, articles, ... to provide you with ideas, justification and so forth for the functionality that will be afforded by the proposed system*

...

**1.3 Potential Ramifications**

*Potential ramifications of such a site on intended users/audience and how potential adverse consequences will be addressed in the proposed system.*

...

**2.0 Detailed Description**

*Description of how proposed system will work. Include flowcharts to describe overall process; individual processed etc.*

*Referring to information in three Appendices - Processes, Web pages, Tables.*

When the Home Page of the proposed site is launched an image similar to that shown in Figure 1 is displayed..........

To produce this page several processes are executed. Process **P1** is executed to produce a unique list of restaurant names that are displayed at three locations on this webpage (so that a user can select a restaurant when he/she wishes to write a review, when he/she opts to read reviews, and when he/she chooses to visit a restaurant home page).

**P2** is executed to display the reviews for a restaurant.

**.....................................................................................................**

**.....................................................................................................**

**.....................................................................................................**

**4.0 Technologies**

*You should describe what kind of technologies, e.g. operating system, PHP libraries, frameworks and so forth you wish to use.*

...

**Purpose of the website**

Todo

**User Types**

Todo

**Justification of Functionality**

Todo

**Detailed Description**

Todo

**Tables**

**User Table**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Comment** |
| ID | VARCHAR(8) | Primary key |
| First Name | VARCHAR(30) |  |
| Last Name | VARCHAR(30) |  |
| Email | VARCHAR(50) |  |
| Major | VARCHAR(50) |  |
| Password | VARCHAR(50) |  |
| Reputation | INTEGER |  |
| Banned | BOOLEAN |  |
| PTag1 | VARCHAR(20) | 10 Preference tags |
| PTag2 | VARCHAR(20) |  |
| PTag3 | VARCHAR(20) |  |
| PTag4 | VARCHAR(20) |  |
| PTag5 | VARCHAR(20) |  |
| PTag6 | VARCHAR(20) |  |
| PTag7 | VARCHAR(20) |  |
| PTag8 | VARCHAR(20) |  |
| PTag9 | VARCHAR(20) |  |
| PTag10 | VARCHAR(20) |  |

**Task Table**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Comment** |
| TaskNo | INTEGER | Primary Key |
| UserCreated | VARCHAR(8) | Foreign Key: User.ID |
| UserClaimed | VARCHAR(8) | Foreign Key: User.ID |
| Title | VARCHAR(100) |  |
| Type | VARCHAR(50) |  |
| Description | VARCHAR(200) |  |
| Tag1 | VARCHAR(20) |  |
| Tag2 | VARCHAR(20) |  |
| Tag3 | VARCHAR(20) |  |
| Tag4 | VARCHAR(20) |  |
| Pages | INTEGER |  |
| Words | INTEGER |  |
| Format | VARCHAR(10) |  |
| Sample | BLOB or MEDIUMBLOB  or TEXT or MEDIUMTEXT |  |
| DeadlineClaiming | DATETIME |  |
| DeadLineSubmission | DATETIME |  |
| Status | VARCHAR(13) or ENUM | Values: PENDING, CLAIMED, UNCLAIMED, CANCELLED, INAPPROPRIATE, COMPLETED |

**User Login Page**

Login Not Registered

ID

Password

**Register User Page**

First Name

Last Name

ID

Email

Major

Password

Re-Enter Password

**Create Task Page**

Title

Type

Description

Tag 1 Tag 2

Tag 3 Tag 4

No of Pages No of Words

Source Format

Deadline Claiming Deadline Completion

Choose Sample

Upload

**Task List Page**

Task

Title 1 blah blah blah

Title 2 more blah blah blah

Title 3 even more blah blah

Title 4

Title 5

Title 6

Title 7

Title 8

Title 9

Title 10

**View Individual Task Page or Popup**

Title

Tag 1 Tag 2

Tag 3 Tag 4

Description

Pages Words

Inappropriate

Claim

Download Sample

**Claimed Task Page**

Task

Title 1 blah blah blah

Title 2 more blah blah blah

Title 3 even more blah blah

Title 4

Title 5

Title 6

Title 7

Title 8

Title 9

Title 10

**Email, Complete, Cancel Popup**

Request Document

Completed

Cancel Task

**Email Template**

To

Subject

Regarding Task: Task Title

Text

Please reply with your document

Send

**My Tasks**

Task

|  |  |
| --- | --- |
| Title | Status |
| Title 1 blah blah blah | Completed |
| Title 2 | Claimed |
| Title 3 | Pending |
| Title 4 | Unclaimed |
| Title 5 | Cancelled |
|  |  |
|  |  |
|  |  |
|  |  |

**Status Claimed Popup**

First Name

Last Name

Email

**Rate Task Popup**

Rate Task

Satisfactory

UnSatisfactory

Submit

**Flagged Tasks**

Flagged

Title 1 blah blah blah

Title 2 more blah blah blah

Title 3 even more blah blah

Title 4

Title 5

Title 6

Title 7

Title 8

Title 9

Title 10

**View Flagged Task Page or Popup**

Title

Tag 1 Tag 2

Tag 3 Tag 4

Description

Pages Words

Un-Publish

Ban User

Download Sample

**Processes**

|  |  |
| --- | --- |
| Process Number | P1 |
| Process Title | Login User |
| Brief Description | Login user |
| Inputs | User ID and password |
| Detailed Description | Logins user, verifies password is correct |
| Output | User |

|  |  |
| --- | --- |
| Process Number | P2 |
| Process Title | Register User |
| Brief Description | Accepts registration requests from users. If supplied information is correct or rejects request if information supplied is incorrect. |
| Inputs | User information as required by the registration form. |
| Detailed Description | Users wishing to register fill out a webform on the homepage. If the correct input is received for each field the user will have successfully registered. If incorrect input is supplied the user will be asked to resubmit their registration with the incorrect fields highlighted. |
| Output | Creates the users profile. |

|  |  |
| --- | --- |
| Process Number | P3 |
| Process Title | Create Task |
| Brief Description | User creates a new task |
| Inputs | User, Task data |
| Detailed Description | Allows user to enter data on a task |
| Output | New task created |

|  |  |
| --- | --- |
| Process Number | P4 |
| Process Title | Display Task List |
| Brief Description | Display a list of tasks that can be claimed. |
| Inputs | User |
| Detailed Description | Allows user to download a sample, claim the task or flag as inappropriate. |
| Output | Task List and details of individual tasks |

|  |  |
| --- | --- |
| Process Number | P5 |
| Process Title | Display Claimed Task List |
| Brief Description | Display a list of tasks that the login user has claimed |
| Inputs | User |
| Detailed Description | Display a list of tasks that the login user has claimed, Allows e user to mark task as completed, cancelled or to request the document by email. |
| Output | Task List, Update task status |

|  |  |
| --- | --- |
| Process Number | P6 |
| Process Title | Display My Tasks |
| Brief Description | Displays my tasks |
| Inputs | User |
| Detailed Description | Displays a list of my tasks and their status. For claimed tasks the name and email address of claimant is displayed. A rate task popup allows completed tasks to be marked as satisfactory or un-satisfactory. |
| Output | UserClaimed reputation is updated |

|  |  |
| --- | --- |
| Process Number | P7 |
| Process Title | Flagged Tasks |
| Brief Description | Display flagged tasks |
| Inputs | User with reputation > 40 – Moderators |
| Detailed Description | Allows moderators to view flagged tasks – un-publish them and ban user. |
| Output | Update user banned flag, delete task from list |