Design Documentation Deliverable

# Date 3rd March 17

# Group Name/Number Group 16

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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**

**Proofreading Website**

1. **Purpose of Website**

The purpose of PlayByPeer is to provide an interactive web platform to facilitate proofreading services for students. The service is available for all academic papers, such as theses, dissertations, assignments and research papers.

Currently if students wish to avail of a proofreading/review services, they are may find themselves restricted in their ability to do so; either financially or by subject specialisation. By creating a dedicated proofreading platform, users can utilise the benefits of a repertoire of subject specialists with an interest in helping their peers.

In its simplest form, PlayByPeer will offer registered users the ability to upload a sample of the paper to be reviewed to the website by a (registered) user and added to the list of available tasks

* 1. **User Types**
     1. Students (basic user). Once registered, students will have the ability to browse all documents (tasks) which have not yet been ‘claimed’ by other users to be proofread/reviewed. Likewise, students will have the ability to upload a sample of a proposed document that they wish to be proofread/reviewed by other users.
     2. Moderators (enhanced user). In addition to the functions available to a student user, moderators have the additional functionality of being able to view a list of tasks which have been ‘flagged’ by other users as being inappropriate; and also remove such tasks if necessary. Moderators also have the ability to ban other users from accessing the website.
     3. Administrator. Administrators will have the required permissions allowing them to alter/change any aspect of the site’s appearance, functionality or database records.

**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*

The functionality afforded to users of the proposed site will be in some respects limited to a few simple operations. Users will be able to log in using two text boxes, one for email and the second for a password. Once both fields have been completed a sign in button will be clicked granting the user access to the system if the supplied information is correct.

Once logged on users can choose to search clubs by county in a similar way that Hoganstand.com affords users to do so (see figure 1 Appendix 3: Webpages). When the user clicks on a county a list of all the registered clubs in that county will be generated in a comparable fashion to the lists on gaaclub.ie (see figure 2 Appendix 3: Webpages). Users can also use a search box to input their own parameters.

One can see from figure 2 that each club is assigned a row with columns for club colours, whether they are a hurling or football club and their year of establishment.

The proposed website will look similar to this where an available club will have a green tick and unavailable clubs will have a red “X” (see Appendix 1: Figure 4 Webpages). Clicking on a club’s name will direct the user to that profile.

The core functions of the site will be the ability to register as a user, search a catalogue of samples of documents to be proofread/reviewed (tasks), upload tasks, ‘claim’ tasks, and leave feedback.

To have viability of the catalogue of tasks, all visitors to the website must first be registered and logged-in to the system. The criteria that must be met so a user is eligible for a user account will be a valid email address from a specified domain(s). The justification of this is predominantly security of users’ academic and personal data, and is a common feature in similar sites such as XXXX. By only allowing holders of email accounts with specified domain(s), the site is performing some verification that users are affiliated to a selected organisation or institution, such as Colleges, Universities, etc. This

**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.*

*Plagiarism searches*

*Plagiarism by users*

*Improves literacy skills of readers*

*Prestige on website for quality of work by reviewers*

*Improves quality of work*

*Crowd sourcing benefits*

*No accountability of reviewers, deadlines, no submitting,*

*No guarantee of quality*

...

**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.

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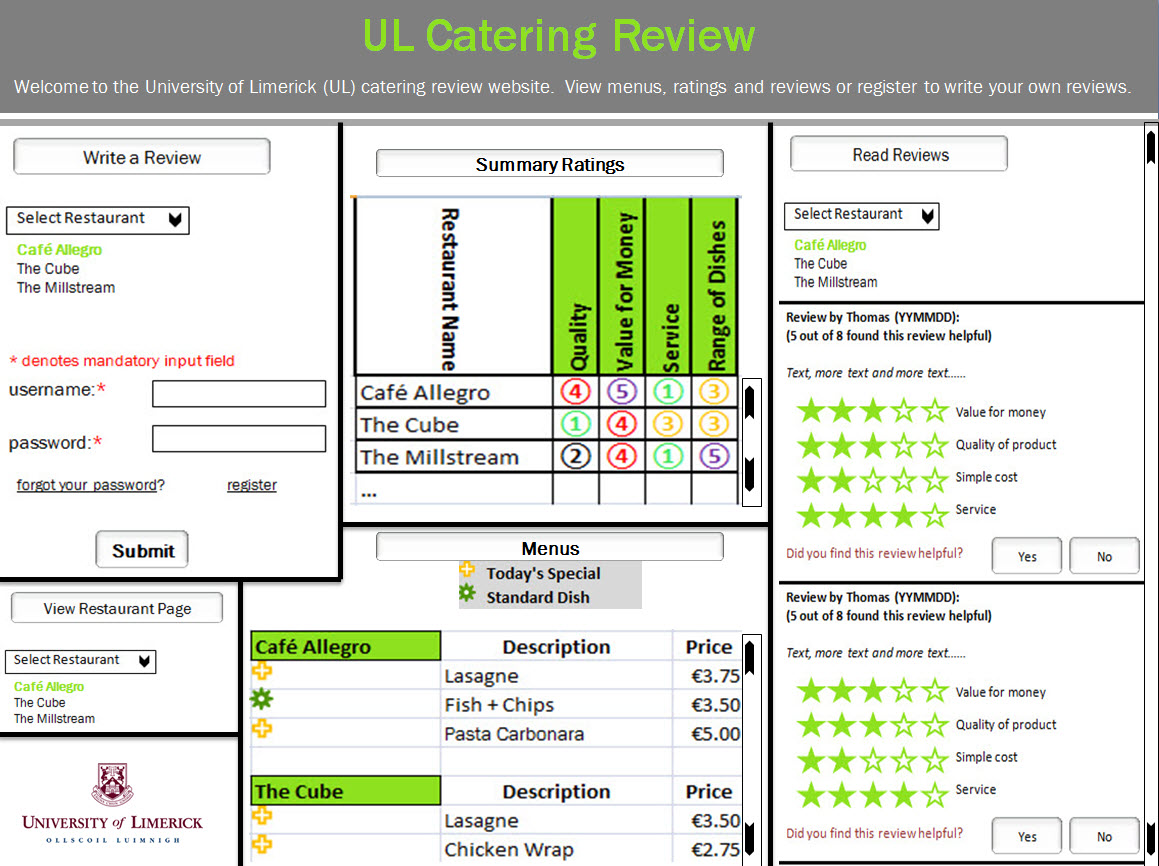
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**4.0 Technologies**

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

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**Appendix 1: Web Pages**

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**Figure 1:** Home Page of UL Catering Review Website

**Appendix 2: Tables**

*For each table state its name and its primary identifier. In addition for each attribute state its name, its data type, its length and any constraints.*

**Table Name:** Restaurant

**Primary ID:** RestaurantID

**Description:** The Restaurant table stores for each restaurant its name, the restaurant manager's name, a brief description of the restaurant, its location, its opening hours and the name of the image file to display for this restaurant.

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| a1.jpg | * **RestaurantID** each restaurant is uniquely identified by a number, permissible numbers are in the range 1 to n where n is the number of restaurants * **RestaurantManagerName** each restaurant is managed by a manager, a manager may manage more than one restaurant. This attribute is alphabetic and up to 30 characters in length   ... |

***Table 2 details***

***Table 3 details***

***Table 4 details***

***Table 5 details***

***Table 6 details***

***Table n details***

**Show relationships between tables**

|  |  |
| --- | --- |
| Many reviews can be written for the same restaurant. A Review is written for a restaurant, each Review is assigned a ReviewID, a review happens on a particular date and is written by a reviewer. Each review has a helpfulness indicator and a not helpfulness indicator. A Review may have Review Text and a Review must have rating of quality, value for money, service and range of dishes.  ...  ... | a1.jpg |

**Appendix 3: Processes**

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| **Process Number** | P1 |
| **Process Title** | Unique list of restaurant names |
| **Brief Description** | Retrieve a unique list of restaurant names |
| **Inputs** | No user input. A query is issued to the **Restaurant** table. |
| **Detailed Description** | A query is issued to the **Restaurant** table to retrieve a unique list of restaurant names. |
| **Output** | A unique list of restaurant names. |

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| --- | --- |
| **Process Number** | P2 |
| **Process Title** | Collate Restaurant Reviews |
| **Brief Description** | Retrieve information, collate it and produce a list of reviews for a restaurant. |
| **Inputs** | The user must select a restaurant name from a dropdown list. |
| **Detailed Description** | A query is issued that involves three tables: **Review**, **ReviewText** and **ReviewRating** that selects the review information for the restaurant chosen by the end user. Most recent reviews are displayed first. |
| **Output** | A list of review details for a restaurant ordered by date. |