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## *Group Project*

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### **Introduction**

In the second assignment of the group project, there were certain scenarios which were available to choose from. Marian Gheorge handed out scenarios to all teams and handed team 13 the assignment of creating a placement module section on the Bradford university website to replace the existing one. This scenario has an internal client which means we had to interview an existing member of staff which is responsible for placements.

The requirement documentation is based upon an initial scenario and an interview with the client. The system will be called, EasyDB.

### **1. Requirement Documentation**

#### **1.1 Actors**

Students and staff will be the users of this system. Apart from that, the system will also have other users such as placement companies. All the actors will be there to test the system.

The system will provide several other options e.g. within the system the user has the privilege to insert their CVs which will be shown to staff and other users who will have the privileged access to the system.

### **2. Functions and their Descriptions**

#### **2.1 Login page for Student and Staff**

Only students who have applied for placements will have access to the placement section of the Bradford university website. This is because the current placement section on the Bradford university website is available to public. The login page will also be unique to both student and staff as the staff login page will have a lot more features placed on the page.

The staff log in page will also only be available to certain staff who have the correct privileges.

#### **2.2 CV upload**

The main functionality of the EasyDB is to insert CVs and cover sheets into the system. Students who have applied for placements will be allowed to upload their CVs and cover sheets which will then be available to staff. Staff will be allowed to download the CVs and cover sheets and give feedback to students. These CVs and cover sheets will be inserted into a myPHPAdmin database which will not be seen by students that upload their documents.

## 2.3 Viewing CVs

The student's values can also be updated. Each student's record is identified by its UOB number and it is uniquely identified. So, any value added to that student, won't clash with any other student. Thus, the user can make use of the record's ID to update each of them individually. The client is privileged to update any record, as well he/she can delete the entire row (see 2.5). This will be performed by the user.

## 2.4 Site Restrictions

The website will have many restrictions as it is going to be a lot more secure than the previous placement section on the Bradford university website. The login page will be the first page the user sees when they go onto the placement section will have a secure login page which can only be accessed to certain students who have applied for placement. The login page will also be different to the staff login page as the staff login page will have more features displayed. After the user has logged in, they will only be allowed to upload their CVS and current sheets and view any feedback they have received from the privileged staff. Staff will have different features displayed on the cv page as they would be allowed to view, download and edit any documents which have been uploaded and they will be allowed to upload any feedback documents. When students upload their CVs and cover sheets, the documents will be logged into a secure database which would then allow staff to retrieve the documents from the database.

## 2.5 Delete

Once the records are added, the client also has the privilege to delete the records. The user can individually use each entries' ID to delete that specific entry. Once the record is delete, it is deleted from the web system and from the database.

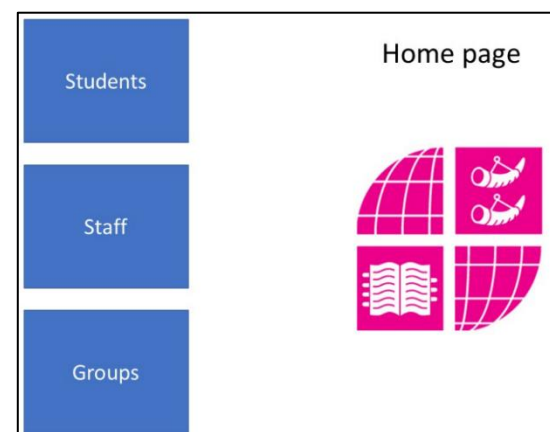
## 3. Interface

This is the main menu, when the system starts.

**Student** option will lead to entry form where the information about the student will be displayed. i.e. insert, display, modify and delete student's records.

**Staff** option contains will contain information about the staff and its group. In this option, the user can assign a staff to any group or modify it.

**Group** option will allow the user to assign each group a name and a unique ID.




## 4. Navigation

**Alt+back** to go to the previous page.

**Alt+front** to go to the next page

## Student Page

Students page 

Student UOB

Full Name

Stage / Year

Group I.D

Student table


Student UOB	Name	Group I.D	Stage

Student page will contain all the information related to student. The data types for each field will be validated, so there is no margin for error. In the text field, the user will be warned to use numerical value.

Once the use enters the correct values in to the student's fields, the student will be registered to the system. (**see 2.1 – 2.4**)

Once the registration is completed, the user can return to the main menu and start another query.

## Staff Page

Staff page 

Staff I.D

Group I.D

Stage / Year


Staff table

Staff I.D	Group I.D	Stage

The user will be able to enter the information about the staff.

The user will each group with a dedicated staff. (**see 2.1 – 2.4**) to learn how to insert data entry.

## Groups Page

Groups page 

Group I.D

Group Name

insert

delete

update

Display

Group table

Group I.D	Group Name

Group page will set up group names and their IDs. The rest of the system will be uniquely identified using the group ID.

The data entered will be validated and uniquely identified i.e. Group ID.

## Additional

In this section, I am going to mention additional information that were not mentioned in the in this documentation so far. As the system is still in progressed and new functionalities are being added, there might be a little tweak within the system which aren't mentioned here. For example, whether we might plan to add a search bar, which will search each student within the system, using their UOB number. Or the client might ask to use a specific language.