**Primary Key** = green

**Table Name :** LOGIN\_INFO

**Primary ID :** username

**Description :** The LOGIN\_INFO table will store the relevant information for a users account(username, password, email). This information will allow access to the website.

LOGIN\_INFO

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Example |
| username | Char | John\_Doe123 |
| password | Char | xxxxxxxxxx |
| email | Char | JohnDoe@ul.ie |

* **Username** will be the unique identifier for each user of the website. When creating an account, the user will choose a username that will allow access to the website as well as acting as a unique identifier in the database
* **Password** will also be unique, however not visible to users of the website, this will also determine access to the website.
* **Email** will act as a failsafe in case a user forgets they’re username or password. In this case an email will be sent to the users email address providing an opportunity to recover the login details.

**Primary Key** = green

**Table Name :** TAGS

**Primary ID** : task\_id

**Description :** The TAG table will store the relevant information for the different tags describing the task a user has uploaded or claimed. The primary key task\_id can be accessed through the TASKS table and will return the relevant tags in relation to the task\_id

TAGS

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Example |
| Task\_id | Char | C16HF |
| Tag\_1 | Char | History |
| Tag\_2 | Char | Art |
| Tag\_3 | Char | Science |
| Tag\_4 | Char | English |

* **Task\_id** is the primary identifier for the TAGS table, it can be used to link the tag table with the TASK table returning the relevant tag depending on the task\_id entered in the TASK table.
* **The tag\_()** fields will store a character up to 15 characters long. These will describe the content of a task chosen or uploaded by the user. There are four tag tables allowing the user to upload four TAGS for each task.

**Primary Key** = green

**Table Name :** USER\_INFO

**Primary ID :** username

**Description:** USER\_INFO will store all the relevant information for a user who creates an account on the website.

USER\_INFO

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Example |
| Username | Char | John\_Doe123 |
| Student\_id | Int | 150724362 |
| Firstname | Char | John |
| Surname | Char | Doe |
| Course\_id | Char | LM330 |
| Moderator | char | YES/NO |
| Major | Char | Computing |
| Points | Int | 25 |

* **Username** will be the unique identifier for each user of the website. When creating an account, the user will choose a username that will allow access to the website as well as acting as a unique identifier in the database
* **Student\_id ,** each student will have a unique student\_id which will help speed up our SQL queries.
* **Firstname + Surname**, these fields will store the users names.
* **Course\_id**, this field will store information relating to the course a particular user is taking
* **Major ,** stores a users subject of expertese in their particular course, this will also speed up SQL queries where a task may correspond with a users major
* **Points,** Stores an integer which informs us how many points a particular user has achieved or lost on the website
* **Moderator**, stores a value of either YES/NO which will tell us whether a particular user is a moderator or not.

**Primary Key** = green

**Table Name :** TASKS

**Primary ID :** username/task\_id

**Description:** This table will have fields describing the different attributes of each task uploaded to the website

TASKS

|  |  |  |
| --- | --- | --- |
| Field Name | Data Type | Example |
| Username | Char | John\_Doe123 |
| Task\_id | Int | HI235 |
| Title | Char | “Sociology in modern Society” |
| Type | Char | MSc |
| Page\_no | Int | 25 |
| Word\_count | Int | 800 |
| File\_format | Char | .pdf |
| Description | Char | “Book Review” |
| Claim\_deadline | Date | 12/12/12 |
| Submission\_deadline | Date | 1/3/13 |