**Table name: User Information**

The table is created to store the personal information of users. It is used to keep track the operation or file management which have been done by users as they are given unique identification number when they are signing up new account.

|  |  |  |
| --- | --- | --- |
| Name | Type |  |
| user\_id | int 6 | Primary key |
| user\_name | varchar 20 |  |
| user\_password | varchar 20 |  |
| user\_email | varchar 30 |  |
| user\_hobby | varchar 30 |  |
| user\_photo | varchar 80 |  |
| user\_country | varchar 40 |  |
| user\_birth\_date | date |  |
| user\_gender | varchar 2 |  |

**Table name: Storage**

The table is used to the total amount space left of each user. It is reminder to inform the users that the current amount of storage left to store their media files for future so that they are able to manage files in smooth manner.

|  |  |  |
| --- | --- | --- |
| Name | Type |  |
| storage\_id | int 6 | Primary key |
| storage\_total | int 10 |  |
| storage\_used | int 10 |  |
| user\_id | int 6 | Foreign key |

**Table name: Media**

The database table is created to store the detail or information of each media file. It is good for easier file management for users. The storage unit for media file is measured in Kilobytes( KB ).

|  |  |  |
| --- | --- | --- |
| Name | Type |  |
| media\_id | int 6 | Primary key |
| media\_type | varchar 10 |  |
| media\_title | varchar 30 |  |
| media\_upload\_date | date |  |
| media\_modify\_date | date |  |
| media\_size | int 10 |  |
| media\_description | varchar 50 |  |
| media\_link | varchar 30 |  |
| media\_favorite | varchar 2 |  |
| media\_location | varchar 80 |  |
| user\_id | int 6 | Foreign key |

**Table name: Folder**

The table is used to store the information for each folder which containing the media files. It is used for easier and efficient file management. In addition, it is used to keep track the latest information of folders as users will renaming, deleting, inserting their folders in order to store their media files orderly.

|  |  |  |
| --- | --- | --- |
| Name | Type |  |
| folder\_id | int 6 | Primary key |
| folder\_name | varchar 20 |  |
| folder\_location | varchar 80 |  |
| media\_id | int 6 | Foreign key |
| user\_id | int 6 | Foreign key |

**Table name: Recycle bin**

The table is used to store the unwanted file temporarily. It used for future recovery whether users want to recover or restore back their media files.

|  |  |  |
| --- | --- | --- |
| Name | Type |  |
| bin\_id | int 6 | Primary key |
| bin\_total | int 10 |  |
| bin\_used | Int 10 |  |
| media\_id | int 6 | Foreign key |
| user\_id | int 6 | Foreign key |