**Use-case Tables:**

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| Use Case ID: | 1 | |
| Use Case Name: | Log In | |
| Actors: | User | |
| Pre-conditions: | User launches the application | |
| Post-conditions: | User successfully enters his home page.  User starts browsing/modifying his account. | |
| Flow of events: | **User Action** | **System Action** |
| 1- User enters username and password. |  |
|  | 2- System checks if the username and password match a valid account. |
|  | 3- System allows the user to his home page. |
| Exceptions: | **User Action** | **System Action** |
| 1- User enters an invalid username. |  |
|  | 2- System rejects the username and notifies the user to enter a valid one. |
|  | 3- User enters an incorrect password. |  |
|  |  | 4- System rejects the password and notifies the user to enter it again. |
|  | 5- User enter the password more than 7 times incorrect |  |
|  |  | 6- System asks the user if he/ she forgot his/her password. |
|  | 7- User chooses yes. |  |
|  |  | 8- System asks the user to enter his email. |
|  | 9- User enters his email. |  |
|  |  | 10- System sends a password reset link to the entered email. |
|  | 11- User enters his new password. |  |
|  |  | 12- System sends a verification email that the password was successfully changed. |
|  | 13- User tries to log in again. |  |
| Includes: | Null | |
| Notes and Issues: | Null | |

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| Use Case ID: | 4 | |
| Use Case Name: | Add Material | |
| Actors: | Admin User | |
| Pre-conditions: | User launches the application | |
| Post-conditions: | User enters the admin home page  User successfully adds the desired material | |
| Flow of events: | **User Action** | **System Action** |
| 1- Admin enters username and password. |  |
|  | 2- System checks if the username and password match an admin account. |
|  | 3- System opens the home admin page. |
|  | 4- Admin clicks on the (add material) icon. |  |
|  |  | 5- System displays the list of courses available and asks the user to choose one to add the material to. |
|  | 6- Admin chooses the desired course. |  |
|  |  | 7- System displays the types of materials available to be added. |
|  | 8- Admin chooses the type of material he wants to add. |  |
|  |  | 9- System asks the admin to upload the file. |
|  | 10- Admin uploads the desired file. |  |
|  |  | 11- System confirms the upload and requests the database to add it. |
| Exceptions: | **User Action** | **System Action** |
| 1- Admin tries to upload a file that mismatches the chosen data type. |  |
|  | 2- System notifies the admin that this file doesn’t match a data type of the chosen. |
|  |  | 3- System asks the admin to choose the proper type and upload the file again. |
| Includes: | Null | |
| Notes and Issues: | Null | |
| Use Case ID: | 5 | |
| Use Case Name: | Delete Material | |
| Actors: | Admin User | |
| Pre-conditions: | User launches the application | |
| Post-conditions: | User enters the admin home page  User successfully deletes the desired material | |
| Flow of events: | **User Action** | **System Action** |
| 1- Admin enters username and password. |  |
|  | 2- System checks if the username and password match an admin account. |
|  | 3- System opens the home admin page. |
|  | 4- Admin clicks on the (delete material) icon. |  |
|  |  | 5- System displays the list of courses available and asks the user to choose one to delete the material from. |
|  | 6- Admin chooses the desired course. |  |
|  |  | 7- System displays the list of files available in the course. |
|  | 8- Admin chooses the desired file and presses delete. |  |
|  |  | 9- System confirms the deletion and request the database to remove it too. |
| Exceptions: | **User Action** | **System Action** |
|  | Null |  |
| Includes: | <<Search>> | |
| Notes and Issues: |  | |

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| Use Case ID: | 8 | |
| Use Case Name: | Edit Material | |
| Actors: | Admin User | |
| Pre-conditions: | User launches the application | |
| Post-conditions: | User enters the admin home page  User successfully edits the desired material’s information. | |
| Flow of events: | **User Action** | **System Action** |
| 1- Admin enters username and password. |  |
|  | 2- System checks if the username and password match an admin account. |
|  | 3- System opens the home admin page. |
|  | 4- Admin clicks on the (edit material) icon. |  |
|  |  | 5- System displays the list of courses available and asks the user to choose one to edit in. |
|  | 6- Admin chooses the desired course. |  |
|  |  | 7- System displays the list of files available in the course. |
|  | 8- Admin chooses the desired file and presses edit. |  |
|  |  | 9- Systems shows the information of the chosen file. |
|  | 10- Admin edits either the name or the description or both. |  |
|  |  | 11- System updates the file’s information and request the database to do the same. |
| Exceptions: | **User Action** | **System Action** |
|  | 1-Admin types a file’s name that is already existing. |  |
|  |  | 2- System notifies the admin that there is a file already existing with the same name. |
|  |  | 3- System asks the user to type the name again. |
| Includes: | <<Search>> | |
| Notes and Issues: |  | |