**Abdul Karim Obeid’s Artefacts**

**This document is designed to help you fully understand my chosen artefacts which demonstrate my contribution to the ‘Media Vault File System’ project. Below are explanations of my chosen artefacts:**

**1 - Database Development**

To build the Media Vault System, my group and I knew we would be needing a database to store files. As such, I volunteered to design and build the database structure that my group would use to create the Media Vault System. The following files demonstrate this:

* **Conceptual Schema - First Draft.jpeg:** This is a diagram I created to show the design of the database that I imagined. This was completely drawn up by me.
* **SQL\_Log.txt:** These are the SQL commands that I used to initiate the database on the EC2 Web Server. This was completely written up by me.

**2 - Graphic Design**

In the Media Vault System, pictures would be required to make the website appear more user-friendly and graphically pleasing. As such, I took it upon myself to design some graphic content for the website. This includes the following files:

* **F\_music.fw.png:** This is an icon I designed for music files in the database. This was completely designed by me.
* **F\_picture.fw.png:** This is an icon I designed for picture files in the database. This was completely designed by me.
* **F\_text.fw.png:** This is an icon I designed for text files in the database. This was completely designed by me.
* **F\_unknown.fw.png:** This is an icon I designed for unknown files in the database. This was completely designed by me.
* **F\_video.fw.png:** This is an icon I designed for video files in the database. This was completely designed by me.
* **loading.fw.png:** This is a loading image I designed for intermission pages on the website. This was completely designed by me.
* **mediaVLogo.png:** This is a logo I designed for the website. This was completely designed by me.
* **filterStyles.css:** This is a CSS code file which translates text into graphics for the web pages. This was completely written up by me.

**3 - Group Work Documents**

As part of routine group-work, occasionally I was tasked with the formatting or preparation of documents for the group’s workload. Below are some of the files I worked on:

* **MINUTES-150810.docx:** During our third meeting, I volunteered to take notes. This file includes the notes I took down. This was written up by me, although David Arthy did format it for use.
* **ReleaseandSprintPlan.docx.docx:** This is the Release & Sprint Plan document that I partially worked on. I was in charge of the formatting of the document as well as the person who was required to write up paragraphs explaining our goals for each release. I also partially worked on the sprint.
* **Test\_1\_kp.pem:** This is the PEM file that I personally prepared for my team members. This file gives access to users wishing to update the EC2 Web Server. This was generated by me with the help of several programs.
* **TranscribedStories.docx:** This is the document which corresponds to the User Stories which we as a group before our first release. Even though I did not write up any of the document, I designed the formatting of the tables and text as well as the positioning of the items in the document for input preparation.

**4 - Tutorial Videos**

As you know, some of my team members are of the IS major. I, myself being a CS major thought it’d be hard for them if they did not get the appropriate knowledge required to assist in the project. As such, I recorded some videos to aid them in their work so that everybody in the team could contribute effectively. Below are the files:

* **EC2-Login-Setup.mp4:** This video was designed to assist my team members in understanding and using the Amazon AWS Web Console. I acquired the information for this video entirely on my own and recorded it on my own as well.
* **EC2-Login-Setup-2.mp4:** This video was designed to assist my team members in understanding and using the EC2 Web Server a bit more. I acquired the information for this video entirely on my own and recorded it on my own as well.
* **GIT-Setup.mp4:** This video was designed to assist my team members in using GIT for their collaborative development. I acquired the information for this video entirely on my own and recorded it on my own as well.
* **PHP-Example.mp4:** This video was designed to assist my team members in understanding PHP for web development. I acquired the information for this video entirely on my own and recorded it on my own as well.
* **phpMyAdmin-Example.mp4:** This video was designed to assist my team members in understanding MySQL and the phpMyAdmin web console for database development. I acquired the information for this video entirely on my own and recorded it on my own as well.

**5 - Website Development**

Obviously, to produce the Media Vault System, legitimate web development would have to be done. I personally worked incredibly hard on the Media Vault System to ensure that I and my team members produced an adequate solution. Below are some of the files I worked on:

* **deleteFile.php:** This script is designed to perform the deletion of files In the Media Vault System. I wrote this script entirely on my own.
* **fileForm.php:** This script is designed to show the filtering options for files or the file options for a specific files In the Media Vault System. I wrote this script entirely on my own.
* **formPopulateFilter.php:** This script is designed to output the files that a user has stored In the Media Vault System for editing, viewing, downloading etc. Originally David Arthy wrote the first draft of this script. I then took over the development of it and produced the final version.
* **login.php:** This script is designed to perform the login of users In the Media Vault System. I wrote this script entirely on my own.
* **login\_form.php:** This script is designed to hold the form used for the login of users In the Media Vault System. I wrote the entirety of this script exempt for a few lines where other team members may have added code for sections they had worked on.
* **logout.php:** This script is designed to perform the logout of users In the Media Vault System. I wrote this script entirely on my own.
* **recover.php:** This script is designed to perform the recovery of a password In the Media Vault System. I wrote the first draft of this script. However Thomas Fielder then developed the final version of this script.
* **recover\_password.php:** This script is designed to hold the form for recovery of password In the Media Vault System. I wrote this script entirely on my own.
* **register.php:** This script is designed to perform the registration of users In the Media Vault System. I wrote the first draft of this script. However Thomas Fielder then developed the final version of this script.
* **registration\_form.php:** This script is designed to hold the registration form for the registration of users In the Media Vault System. I wrote the first draft for this script. However Thomas Fielder then developed the final version of this script.