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| **Name:** | Khaled Abdulla |
| **Student access ID** | Fv3172 |
| **Project Name:** | EZ Audio |
| **Group#** |  |

Lab Assignment 2

***Review the example below highlighted in yellow and populate all the other tables according to the Lab Assignment and this example. All requirements and fields must be populated to get full credit.***

***Example:***

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| **ID. Requirement title (e.g. FR1. Game initialization)** | | |
| Goal: FR1 provides the initialization of the game | | |
| Description:  There shall be two dice in the game. Each dice shall have six faces. The player’s movement shall be based on the dice roll. If the dice roll is two, the player shall move forward two cells; if the dice roll is three, the player shall move forward with three cells. | | |
| Origin: Initial product description. | | |
| Version: 1.0 | Date: MM/DD/YYYY | Priority: range from 1 to 5 (5 as the highest) |

**functional Requirements**

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| **FR1. Adding a video URL** | | |
| Goal: To add as many videos URL as the user wants | | |
| Description: The application shall let the user add as many videos’ URL. | | |
| Origin: Initial application main functionality description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 5 |

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| **FR2. One converting** | | |
| Goal: To only convert one video at a same time | | |
| Description: The application shall only be converting one video at a time. | | |
| Origin: A user of our application (hint: teammate: Jack) | | |
| Version: 1.0 | Date: 09/19/2019 | Priority: 4 |

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| **FR3.** Connecting to a Cloud Drive | | |
| Goal: To connect the application to a Cloud Drive | | |
| Description: The application shall allow the user to connect to a cloud drive such as Google Drive, Dropbox, and OneDrive. | | |
| Origin: Initial application main functionality description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 4 |

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| **FR4. Uploading MP3** | | |
| Goal: To upload the MP3 file to a Cloud Drive | | |
| Description: The application shall upload the MP3 files to the connected cloud drive Such as: Google Drive, Dropbox, and OneDrive. | | |
| Origin: Initial application main functionality description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 4 |

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| **FR5. Downloading MP3** | | |
| Goal: To download MP3 from Cloud Drive | | |
| Description: The application shall download the MP3 files from the connected Cloud Drive such as: Google Drive, Dropbox, and OneDrive | | |
| Origin: Initial application main functionality description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 4 |

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| **FR6. Displaying the MP3 file** | | |
| Goal: To only Display Mp3 file on the library | | |
| Description: The application’s library shall only display the MP3 file. | | |
| Origin: A user of our application (hint: teammate: Yousif) | | |
| Version: 1.0 | Date: 9/17/2019 | Priority: 3 |

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| **FR7. Capture a YouTube video** | | |
| Goal: To capture the video information from YouTube | | |
| Description: The MP3 file details shall match the details of the captured YouTube Video. | | |
| Origin: A user of our application (hint: teammate Jack) | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 3 |

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| **FR8. Store the login credentials** | | |
| Goal: To remember the account information for cloud services. | | |
| Description: The application shall remember the cloud drive information such as username and password. | | |
| Origin: A user of our application (hint: teammate: Omar) | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 2 |

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| **FR9. Deleting the video** | | |
| Goal: To automatically delete the YouTube video | | |
| Description: The application shall automatically delete the YouTube video after it transcoded | | |
| Origin: A user of our application (hint: teammate: Yousif) | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 2 |

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| **FR10. Show remaining time** | | |
| Goal: To show the remaining time | | |
| Description: The application shall display the remaining time for the video that is converting. | | |
| Origin: A user of our application (hint: teammate: Khaled) | | |
| Version: 1.0 | Date: 09/19/2019 | Priority: 1 |

**Non-functional Requirements**

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| **NFR1. Converting reliability** | | |
| Goal: To convert the video under any condition | | |
| Description: The application shall convert the video under any internet speed stated conditions low, medium, and high. | | |
| Origin: Initial application description. | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 5 |

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| **NFR2. MP3 availability** | | |
| Goal: The availability of the MP3 file | | |
| Description: The MP3 file shall be available on the application under any circumstances of the device. | | |
| Origin: Initial main application functionality description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 5 |

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| **NFR3. Device memory** | | |
| Goal: to only store MP3 | | |
| Description: The application shall only store the MP3 file in the device memory. | | |
| Origin: Initial description | | |
| Version: 1.0 | Date: 09/17/2019 | Priority: 4 |

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| **NFR4. Cloud Drive availability** | | |
| Goal: To connect to cloud drive from any device | | |
| Description: The application shall connect to a cloud drive from any device | | |
| Origin: A user of our application (hint: Group of users) | | |
| Version: 1.0 | Date: 09/19/2017 | Priority: 3 |

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| **NFR5. Cloud service privacy** | | |
| Goal: to download MP3 files only | | |
| Description: The application shall only download MP3 files from the cloud drive and nothing else. | | |
| Origin: A user of our application (hint: teammate Khaled Abdulla) | | |
| Version: 1.0 | Date: 09/19/2019 | Priority: 3 |