

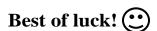
DMET 501 – Introduction to Media Engineering

Assignment 2

(Due on November 17, 2023 at midnight)

First of all, read the submission guidelines before starting. In this assignment, you are supposed to create a 3 seconds video. Given the 90 frames of a 3 seconds video posted on the CMS, you are required to:

- 1. Reduce the number of frames to have a rate of 20 frames per second resulting in a total of 60 frames. (**NOTE: do not keep the first 60 frames and drop the last 30 frames, be smart about sampling).**
- 2. On the resulting 60 frames, create a moving text/image containing your ID(s) moving around for the whole duration of the video by editing each frame and adding your ID(s) at different positions:
 - The ID(s) should appear to be moving gradually and smoothly (not a sudden change) from the first to the last frame.
 - The ID(s) should **not** take the same path twice.
 - The ID(s) should appear in <u>all frames or not less than 80%</u> of the frames.
 - The ID(s) should <u>not</u> be too small or too large that the movement becomes minimal.
 - In case of groups of two, both IDs should be in the video.
 - 3. Repeat the same process given in (1) and (2) above for 5 frames per second resulting in a total of 15 frames.
 - 4. After creating all the required frames for each frame rate, you are required to save them in an MP4 video format.
 - 5. State the name of the concept/phenomena (not the explanation) that shows the difference between the 2 videos 20 frames/sec and 5 frames/sec as discussed in the course (to be answered in the form)





DMET 501 – Introduction to Media Engineering

Assignment 2

(Due on November 17, 2023 at midnight)

Submission guidelines

1. Please submit on the following form:

https://forms.gle/HdMHdC29WuZK6dFbA

- **2.** The assignment can be done in pairs (Both students have to be with the same TA tutorial groups). If you cannot find a team member then you can do it individually.
 - a. Hadeel: T6, 7, 14, 15, 17, 18, 27, 29
 - b. Ramez: T10, 11, 16, 19, 23, 24, 25, 28
 - c. Reem: T5, 8, 9, 12, 13, 20, 21, 22, 26
- **3.** You are allowed to use any program to do this assignment. For example, VSDC (https://www.videosoftdev.com/).
- **4.** The submission should be a zipped folder containing **two** folders, one named **20FPS** which contains 60 edited frames and the video for the 20FPS task, and the other named **5FPS** which contains 15 edited frames and the video for the 5FPS task.
- **5.** The **name** of the submitted zipped file is [T-XX_55-XXXXX] [T-XX_55-XXXXX]

For example: [T-01_55-12345] [T-02_55-2346].zip

6. In case your zip file submission **exceeds 100 MB**, you need to upload it on your drive and send the link to dmet501sub@gmail.com after changing the **share settings to view only**.

With the **subject A2 followed by the name of the file**: A2 [T-01_55-12345] [T-02_55-2346]

Not following the mentioned guidelines, the assignment will not be graded.