

# Graduation Project Week #6

## Meeting Minutes

### \* Agenda

1. Presentation of one research paper
2. Discussing the progress of data standardization
3. Discussing the progress of the DICOM viewer
4. Generating Labels Progress
5. Planning next steps for next week

### \* Meeting Points

- Data Reorganization and Standardization:
  - Discussed the progress made in reorganizing and standardizing the dataset.
  - Requested some modifications to further improve the process.
- Synthetic Data Progress:
  - Reviewed the progress in generating synthetic data.
  - Suggested more improvements and modifications for better results.
- DICOM Viewer Development:
  - Demonstrated the initial version of the DICOM viewer.
  - Requested additional basic features to be added.
  - Discussed researching future development using different platforms.
- Paper Presentation and Discussion:
  - Presented and discussed the paper titled "Multi-Centre, Multi-Vendor and Multi-Disease Cardiac Segmentation: The M&Ms Challenge (2021)."

### \* Attendees

Omar Emad (Leader)  
Omar Nabil (Presenter)  
Khaled Badr  
Hana Hesham

### \* Planning Next Meeting

- Courses: Highest priority assigned to making progress on the ongoing courses.
- Data Modifications: Apply the requested modifications to the dataset.
- Model Research: Search for models that can perform localization or segmentation of the heart from images.
- Paper Presentations: Decided on the two papers to be presented in the next meeting.