

# Graduation Project Week #4

## Meeting Minutes

### \* Agenda

1. Presentation of two research papers
2. Combination of all Potential Datasets
3. GANS generation results evaluation
4. Planning next steps for next week

### \* Meeting Points

- Research Discussion:
  - The presenter explained the research on LGE and its use in the assessment of myocardial viability.
  - The professors discussed CABG and how dependent it is on the use of LGE.
  - An experiment was presented where LGE was used to assist in the decision-making process.
  - The two papers referenced were (4a and 4b).
- Gans Generation Results:
  - We discussed the results for the techniques previously suggested by the professors.
  - More adjustments were requested to ensure the shapes end up looking as intended.
- Potential Datasets:
  - We discussed all the available datasets we found and organized them in a datasheet, including comments about each one and its viability for our project.
  - The professors suggested understanding all the available datasets and attempting to convert them into the same format.

### \* Attendees

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

### \* Planning Next Meeting

- Continue progressing through the Coursera courses (high priority).
- Try the requested adjustments suggested by the professors on the GANs generation to make it look more realistic.
- Start converting all the data into a single format using a specified script for each folder and dataset.
- Next Meeting Scheduling
  - The next team meeting is scheduled for the 1st of October at 9:00 PM.