

# Graduation Project Week #5

## Meeting Minutes

### \* Agenda

1. Research Discussion
2. Generating Labels Progress
3. Discussed the structure of the data
4. Planning next steps for next week

### \* Meeting Points

- Research Discussion:
  - The presenter explained the research on An Overview of Deep Learning Methods for Left Ventricle Segmentation
  - We discussed different deep learning techniques and we compared between modalities used for segmentation
- Generating Labels Progress:
  - Improved the appearance of infracted areas to appear as cloud shaped
  - Added irregularity to make the labels more realistic
- Discussed the structure of the data and converting it to a standard format

### \* Attendees

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

### \* Planning Next Meeting

- Continue progressing through the Coursera courses (high priority).
- Improve generating labels ( make clouds more variant, increase ring thickness, add papillary muscles )
- Structuring the data in patient folders and storing all the data in array format
- Next Meeting Scheduling
  - The next team meeting is scheduled for the 8th of October at 9:00 PM.