

# Graduation Project Week #16

## Meeting Minutes

### \* Agenda

1. Discussing the progress of pix2pix
2. GANS samples generation progress discussion
3. Left Ventricle segmentation model progress discussion
4. DICOM Viewer
5. Planning next steps for next week

### \* Meeting Points

- pix2pix Progress:
  - Introduced pix2pix
  - Discussed the progress made in pix2pix.
  - Requested modifications to further improve the process as trying the model on our data.
- Synthetic Data Progress:
  - Discussed the progress made in synthetic data.
  - Requested modifications to further improve the process.
- Model Work:
  - Previewing getting ROI median from the group of slices for better centerization.
  - Integrated the localization model with the web.
- DICOM viewer:
  - Discussed the progress made in DICOM viewer.
  - Integrated the web interface with the localization model and saved the localization output as a DICOM file.
  - Requested modifications to further improve the process.

### \* Attendees

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

### \* Planning Next Meeting

- Courses: Highest priority assigned to making progress on ongoing courses.
- pix2pix: Try the model on our data.
- Model Work: Force the median center with no threshold.
- Synthetic Data: Apply the requested modifications as random generation of inner radius.
- DICOM viewer: Show overlay text on dicom viewer that shows the dicom information.
- Next Meeting Scheduling
  - The next team meeting is scheduled for the 17th of December at 8:00 PM.