

Graduation Project Week #17 Meeting Minutes

* Agenda

1. Progress of the DICOM Viewer
2. Discussion of Unanswered Questions Regarding Simulation and GANs Data Generation
3. Final Results and Acceptance of the Localization Model
4. Progress of the Uncompleted Pix2Pix Model
5. Presentation and Discussion of the Paper: "Light & Fast Generative Model"

* Meeting Points

- DICOM Viewer:
 - Reviewed the progress of the DICOM Viewer.
 - Discussed the requirement of overlaying metadata on the displayed image.
 - Observed the localization model's response displayed alongside the original image.
 - Identified additional requirements
- GANs Data Generation:
 - Addressed and clarified previously unanswered questions.
 - Agreed to research appropriate metrics to evaluate generated simulation masks.
 - Awaiting further results and insights from the research.
- Localization Model:
 - Reviewed and approved the final output of the localization model.
 - No further development is required, but code refactoring needs to be completed.
- Pix2Pix Model:
 - Evaluated the current progress, which was deemed unsatisfactory.
 - Agreed to apply the model to our dataset rather than external data.

* Attendees

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

* Planning Next Meeting

- Courses: Highest priority assigned to making progress on ongoing courses.
- DICOM Viewer:
 - Implement and test sending a series of images to the localization model.
 - Present progress on UI modifications.
- GANs Data Generation: Present findings on metrics to evaluate generated simulation masks.
- Localization Model: Complete code refactoring and present the final version.
- Pix2Pix Model:
 - Show results of applying the model to our dataset.