# Ain shams University

# cse608

# Advanced Software Engineering

Dr Islam elmaddah

Fall 2023

# It is required to create a software based on current technologies of generative AI, chatbot, Machine Learning, Augmented reality and Data Analytics. The domain of your application should deal with teaching software development (programming), teaching basic topics of physic and chemistry. You may also develop an application regarding any related topic regarding virtual training platform within some company.

# Create

* Design thinking analysis to decide the main pain points and hence derive at least 10 ideas to be added in your application
* Prototypes of some the developed ideas
* UX and all information that may be gathered about the possible user of your application
* User stories
* List of Requirements (functional and non-functional)
* Use case Diagram
* Class diagram
* CRUD matrix
* State Transition diagram

Teams up to five students, hand your development using uml applications and you mat provide suitable Doc/ Pdf/ ppt description of your application