



Announcements › Week 1

# Week 1

Posted May 5, 2025 5:00 AM

## Week 1

As we set out to build any significant information system, it is important to carefully plan and carry out implementation of that system. Formal processes are necessary to ensure success of complex software systems. That process, as we will see in this course, is the system development life cycle, or SDLC. This week's material will give you an overview of the SDLC and begins to explore the first stage of the process; requirement gathering.

When we set out to build a software system, it is important to carefully establish what the system is to do. We need to identify the various stakeholders in the system, the overall goals, the functions it is to perform, those who will be the users of the system and their various roles, existing processes and how they will be handled in the new system, performance requirements, security measures, and numerous other aspects. By carefully identifying and documenting all of these things, we can move forward and work toward a successful system implementation. This week's topic delves into the details of requirements gathering.

The discussion topic for this week largely relates to the SDLC. It also asks that you mention some things about your educational journey in computer science thus far. I am very interested to learn a bit about your background coming into this course. Be sure that your initial post in the discussion area is done by Thursday. Also, you will need to reply to at least two discussion posts by your classmates by Sunday.

In addition to the discussion topic, there is an assignment related to requirements gathering. This is part of the first project for the course which will span the first five weeks. The assignment for this week involves preparing a requirements

document. As resources, you are provided with a transcript of an interview that was taken for the purpose of determining the requirements of a system for a company called DriverPass. A template is provided as a starting point for your requirements document. This assignment is due by Sunday.

I look forward to reading your discussion posts this week. Please be sure to reach out with any questions or issues you may have throughout the course. For general questions, please use the general discussion area. For any sensitive or one-on-one issues you may contact me by email.

Be sure to get started with the material and assignments early to set yourself up for success in week 1 and throughout the course.