

IS496: Graduation Project -1

- Credit Hours: 2
- Prerequisites: IS230, IS351.

Course content: The previous courses have provided the IS students with strong and sufficient knowledge to develop information systems. The next logical stage is that the IS student must acquire hands-on experiences on developing real world information systems. In addition, the students should be familiarized with real world problems encounter during the development of real world information systems. Furthermore, the students should be trained to work in teams. In this course, the students will be organized into groups. The number of students in each group should not exceed three students. For each group, a supervisor will be allocated to guide the group in developing a particular information system. In developing an information system, a particular information system development methodology should be used in two stages: The first stage will be carried out in IS 496 and the second stage will be carried out in IS 497. In IS496, the students of each group must identify a problem domain, define a problem, identify the requirements in details, analyze and document the current system, proposed alternative systems, and design a particular system in details which includes the definitions of all the required system models such as the data model and the functional model. At the end of the course, each group must submit a formal report documenting the problem domain, the requirements, the specifications, and the system models.