

CS105 Digital Logic Design Project:

In this project we were asked to make a system to detect energy theft. we made multiple tables to help us calculate it. we used “logisim” to make 3cases: no theft, theft, and special case.

CS111 Programing Language2 Project:

In this project we made fast food ordering system, we made the class diagram with all the relationships then we coded it.

CS206 Computer Organization Project:

In this project we were asked to make a ticket system using assembly language the file has testing 4 possible cases for buying the tickets.

IS220 Database Fundamentals Project:

In this project the main goal was to use database in “liver transplantation department”, we draw the relationships between component then wrote the SQL commands.

CS207 Computer Architecture Project:

In this project we were asked to design, implement and simulate a MIPS ALU (Arithmetic and Logic Unit) and CU (Control Unit). The implemented ALU must support the following subset of MIPS instructions: add, sub, not, and, or, xor.

CS220 Algorithms Design and Analysis Project:

In this project we talked about Shell sort algorithm then we implemented it using Java.

IT221 Computer Networks Fundamentals Project:

In the project we searched about SSH Protocol, we mentioned many aspects about the protocol.

MATH221 Differential Equations Project:

In this project I was asked to choose an article in differential equation and type all the information needed.

PHYS202 Fundamentals Of Electromagnetism Project:

In this project we were asked to test different objects to determine if it is a conductor or insulator.

CS313 Advanced Programming Language Project:

In this project we were asked to make a movie system using C# with database to store all the details needed.

CS385 Software Engineering Project:

In this project we were asked to make a new app, specify its requirements, draw its context, use case, class, sequence, activity, state, architecture diagrams.

IT311 Information Technology Project:

In this project we made a new encryption algorithm. First, we made a new algorithm (which is explained in the file) then we code it using Java, lastly, we tested our code.

CS351 Human-Computer Interaction Project:

In this project we created an app called "RedBox" to help real estates. We practiced designing interfaces using Figma.

CS360 Computer Graphics Project:

In this project, we created a simple 3D spaceship model using OpenGL. We applied transformations to it. Lighting and shading techniques were also used to enhance the visual appearance, making the spaceship look more realistic.

IS350 Project Management Project:

In this project we were asked to choose an app and make adjustment to it, either by adding a new feature or enhance old ones.

CS486 Web Application Development Project:

In this project the main goal was to use database in “liver transplantation department”, we draw the relationships between component then wrote the SQL commands.