

## LIST OF PROJECT TOPICS

No.	Name	Basic functions
1	Contact Management system	- Add information - Search information - Delete information - Update information
2	Customer billing system	
3	Employee record system	
4	Hospital management system	
5	Phonebook application	
6	School billing system	
7	Student record system	
8	Telecom billing system	
9	Phonebook application	
10	Library management	
11	Store management system - Book stores - Computer stores - etc.	
11	Cricket score sheet	
12	Medical store management system	

### Instructions:

- **01** group per project
- Students have to write a short report to describe their work: Functionalities, algorithms, etc.
- Students **present** his/her project (MS PowerPoints) and answer questions
- All students must **submit** their work: source code, report file, and presentation file to Microsoft Teams **three day before exam date**.
- Copying code is strictly prohibited.

### 1. Project in C language

- Using **Struct** and **File** to store records
- The database has at least 20 records.
- The basic functions of system must have: Adding records, removing records, updating records and searching records.
- Students are expected to write the code into functions
- The interface should be friendly for the users
- Students are required to master programming skills for functions, arrays, file, etc.

## 2. Report

For the reports (using MS **Words**), students need to write:

### 1) Introduction

What is the project about?

Why do you choose this - specifying how important of the project?

What field or Whom your project can apply to?

### 2) Designing

To answer the question: How can you solve the problem or How can you build up the software?

Try your best to explain as clearly as you can

- Explain each module of your project
- The flowcharts for algorithms

### 3) Discussion

Think about the limitations of your program

How can you solve the limitations in the future work?

### 4) Conclusions

What you get from the project.

## 3. Presentation

- Summarizing your work using MS **PowerPoint**: What is your project; How you solve problems in your project; etc.
- Each student has 10 minutes to present and 5-10 minutes for Questions and Answers.