CS477 WEB TECHNOLOGY

- **Project Identification: Library Information System.**
- **Deadline: Tuesday 18/5/2020**
- **Website Tools: PHP with MySQL.**
- **Group Members: tow Students Only.**

PROJECT DESCRIPTIONS

(PAHSE I):

- Your system should **at least store information about these tables**
    - Book (ID , Title , Publisher, edition, price **)**
    - Borrower (Num , name , phone , Bdate)
    - Loan (ID , Num , out_date , due_date)
    - Sell (ID, Num , Sdate)
    - **Admin**: which responsibilities are to add or remove users, books with all attributes ..etc.

Design a set of php pages to cover the **main functionalities** for the database above including the following activities.

- Login Page (admin, Borrower)
    - Password should be alphanumeric with length 6.
    - Username **=> his/her email**. admin: **his/her email**.
        - **Make all required validation**
- Book Operation (ADD, DELETE, UPDATE, Search, Display ALL)
- Borrower Operations (ADD, DELETE)
- Sell a Book (Sell new Book, display all Books)
- Loan a book (borrow a Book, display all Books)
- Set Of operations based on JOIN tables
- You can ADD or UPDATE the entire above schema to accomplish.
- Sing-In and Sign-Up operation for browser
- Contact page so customer can send his/ her comment and attaching one file only.

(PAHSE II):

PHP scripts can only be interpreted on a server with PHP installed, so if you want to enjoy the benefits of PHP hosting, you will need to choose a web host that supports it. Which mean you need to upload your project pages to a location where others can view them. I recommended (https://infinityfree.net/) here you can find How to host a Dynamic(PHP) website for FREE | Infinityfree (2020.

Each student **must record** a video explaining with your voice the steps for uploading your project to the hosting. **Exactly as in the attached video above**. The length of the video must not exceed 3-4 minutes.

What you should submit:

I. **Your project.**
II. **Video (3-4 Min).**
III. **URL of your website.**

Book

ID	Title	Publisher	edition	price
111	Computer Skills	Random House	First	21
112	Introduction to C++	Willy and Sons	First	15
114	Database Concepts	Random House	Second	33
211	Guide to Oracle	Random House	Third	27
421	Data Structure	Pearson	Second	42

Borrower

Num	name	phone	Bdate
5	rana	5489720	10-Aug-85
7	Ali	3448445	16-Oct-91
9	Mustafa	5436247	3-Nov-96
2	Ola	9872422	24-Feb-87
1	rami	2545644	28-May-88

Loan

ID	Num	Out_date	Due_date
111	5	25-Oct-13	4-Nov-13
111	7	27-Oct-13	5-Nov-13
211	5	25-Oct-13	10-Nov-13
421	1	30-Oct-13	13-Nov-13

Sell

ID	Num	Sdate
111	5	2-Nov-13
114	9	4-Nov-13