Assignment 1: CV design and management for a job website

In this assignment, you are required to complete a function of CV design and management for a job website.

- Do research on structure of a CV
- Design a database to store CVs
- Write programming code to manage CVs:
    - Add a new CV (in forms)
    - Edit an existing CV (in forms)
    - Delete an existing CV

Notes:

- A job candidate could have more than one degree from different schools, more than one certificates, …
- A job candidate could have more than one phone number, more than one foreign language, ...

Assignment 2: Retrieve and output the CVs from the database

In this assignment, you are required to search for a CV and output it:

- On the screen
- As a PDF for print

Students with this assignment need to cooperate with students of assignment 1 about the structure of the database.

Assignment 3: Create a calendar for the patients to make an appointment with a medical doctor

In this assignment, you are required to design and build a web-based system for the patients to make an appointment with a doctor.

- Users: doctor and patients
- The doctor logins to the system, creates a calendar where he can mark the time slots as available or busy
- The patients login to the system, see the whole calendar with available and busy time slots. The patients can then pick up one time slot to make an appointment with the doctor. The system sends E-mail to notice the doctor and the patent information about the appointment. The system gives the patient the possibility to change the appointment later, and the same procedure can be repeated.

Notes: time slot = 30 minutes.

Assignment 4: Create a web-base system for people to reserve a hotel room
In this assignment, you are required to design and build a web-based system for people to reserve a hotel room with a hotel.

- Users: hotel representative and travellers
- Travellers view all the available hotel rooms of different types. The travellers can then pick up one room to make reservation with the hotel. The system show a form for the traveller to fill-in informnation such as their name, E-mail address, phone number, the date they want to stay in the hotel, credit card number. The system sends E-mail to notice the hotel and the traveller information about the the reservation made. The system gives the traveller the possibility to cancel the reservation 3 days before the date of the reservation.