

# WEB PROGRAMMING 2020/2021 PROJECT

## 1- **Register & Login** pages

The user has to register in the site. The information needed for registration are:

- Name
- Email (unique)
- Password
- Date of Birth
- Photo (default can be set)

The **login** is done with **email** and **password**.

## 2- **Profile** page:

This page displays the user Photo, if any, otherwise, default, name, a list of his posts, if any, info, skills, bio.

There are links to:

- Edit his account information (name, password, and photo).
- Show list of user posts.
- Home page.

## 3- **Notification** Page:

Shows friends posts/friend requests

⇒ Can be in a pop-up menu

## 4- **Home** page contains:

- Link to profile, notification, messages.
- List of posts (all posts on the site arranged by date, recent first). "Based on post status"

## 5- **Post** contains (image - optional, text) can be:

- Liked.
- Clicked.
- Contains # of likes.
- Shared on user page.
- Commented
- Status: Public / friends only -> who can see the post

## 6- When post is clicked: user can like and can start conversation with post owner.

7- **Messages** with owner: can be:

- New page » normal grades.
- OR it can be a tab -> 3 grades bonus

**The tools to be used are: HTML, CSS, Javascript, PHP, MySql, Bootstrap, jQuery. You are responsible of creating a database and the services to communicate with.**

**Design document is to be delivered next lab.**

#### **Project phases (Plan A):**

- 1- System requirements and documents.
  - a. scope
  - b. purpose
  - c. User Classes and Characteristics.
  - d. Operating Environment.
  - e. Function requirement.
  - f. Non function requirement.
  - g. For all pages: (Content Structure Model - Content Behavior Model - Navigation Structure Model - Navigation Access Model - Presentation Structure Model - Presentation Behavior Model)  
***Choose at least 3 models. Each model can be repeated once. Each page is represented by only one model.***

2- Design (all pages front-end).

3- Back-end (PHP & DB).

4- The whole system up and running.

#### **Project phases (Plan B):**

- 1- System requirements and documents.
  - a. scope
  - b. purpose
  - c. User Classes and Characteristics.
  - d. Operating Environment.
  - e. Function requirement.
  - f. Non function requirement.
  - g. For all pages: (Content Structure Model - Content Behavior Model - Navigation Structure Model - Navigation Access Model - Presentation Structure Model - Presentation Behavior Model)

***Choose at least 3 models. Each model can be repeated once. Each page is represented by only one model.***

- 2- Front-end & Back-end of 3 pages.
- 3- Front-end & Back-end of the rest of pages.
- 4- The whole system up and running.

**Front-end » HTML, CSS, JS, PHP**

**Back-end » PHP services & DB**

**Project final delivery deadline will be announced soon, it can be after exams based on the schedule.**