

HCI & Mobile Applications - Final Assignment

Assignment:

Your work will be evaluated on the basis of the final project (as below). You can make this project individually or in groups (with a limit of 4 ppl in a team). The project will be evaluated and two grades will be given: for mobile applications and for HCI. They could differentiate (e.g. good code, but bad visual design).

The DEADLINE is 31st of January. Works completed and set before 15th of January automatically receives +1 grade (if evaluated positively).

Requirements:

Your task is to create a PHP application that allows the user to manage a simple database. In the database, you should maintain at least three tables: APPUSERS, OWNERS and HOUSES.

APPUSERS stores the information about the users that are eligible to use our system.

OWNERS represents people who own houses. We can assume that one owner is able to hold just one house (or no houses). One house could be owned by just one owner.

HOUSES represents locations (they have addresses and photos assigned to them).

Please design the structure of the tables reasonably.

Functionality:

The users should log into the system by checking the passwords. Passwords should be stored in MD5 strings. When logged, a user can: view the OWNERS and HOUSES tables, insert new records, update and delete. You can assume that photos of houses are stored on the server by another system (no need to download the files). A user can also change his/her password. All pages should be available in a session (a user can of course log out!).

HCI aspect:

The interface should be designed clearly, so the users will have no problem with using it. You should implement the responsive web design paradigm.

How to send the file:

When your project is complete, you should zip all the files. You should also make at least 8 screenshots of the application (in both mobile and desktop version to show your responsive web design) and store them in jpgs.

Write an email to w.moscibrodzki@gmail.com.

The subject of the email must be: **APP HCI VISTULA** (no more, no less!)

In the mail body you must state: names, surnames and student IDs of all team members.

Attach files: zip and jpgs. You can alternatively add a link to a filehosting service (e.g. WeTransfer) but you have to make sure I will have rights to download (without asking for permission).

Sample email (without attachments):

