
420-W12-SU

Web Programming III

AEC Programming and Internet Technologies

Final Practical Work Assignment

Instructions:

- Submit your database (SQL script that creates the database, tables and fake data)
- Include a README.txt file containing instructions to your project such as team-members, who did what, special instructions or issues.
- Due date: Mentioned on Moodle.

Description:

Your goal is to develop a dating website where people can register, log in and find their ideal partner.

Ex:

- <https://montreal.urbeez.com/>
- <http://badoo.com/>
- <http://www.meetic.fr/>

Required functionality:

Your application **must** use PHP, W3CSS or BootStrap

There are three levels of user:

- temp (not registered):
 - View Profiles.
 - Search.
- regular member (registered):
 - Modify their own profile (personal info, images, whether to receive notification's, add photo...)
 - Send Winks
 - Send Messages
- premium user:
 - Have a favorite List
 - See if message is read or winks read.
 - See if someone added/removed them to their favorite list

Advice:

List the features on paper.

Create a mockup of your web page(s). Distribute tasks between team members.

!!!! Create the database before starting to write code!!!! Feel free to add more functionality to your database. It is easier to not use information stored in your database than it is to totally rework it.!!!

Before writing any code, write the steps of your algorithm in plain English sentences. When you are implementing your algorithm, use the plain English sentences as the comments explaining your code. This methodology forces you to first conceptualize your algorithm before trying to implement it. This should make it easier for you to design your application. Comments are often neglected and postponed until the very end of the project, and this method avoids that!

If you are not familiar with any feature of PHP, do some small tests to make sure you understand before trying to integrate it into your application.

Things that could be added or improved (Check rivals):

- Add a member rating system
- Add private messaging between users
- Add a chat feature to your web page
- Add forums to your web page
- Add an admin member level that can ban and suspend user accounts
- Add a matching algorithm that pairs members according to their activity level, type of partner sought, geographical proximity ...
- Internationalize your site