ReadMe

Apps that I used:

Apache NetBeans IDE 12.3 - <https://netbeans.apache.org/>

XAMPP - <https://www.apachefriends.org/ro/index.html>

Set up:

-extract the content of the archive “Test.zip” into the “htdocs” folder of Xampp

-open Xampp and start the modules “Apache” and “MySQL” (press start – situated on the right of the modules)

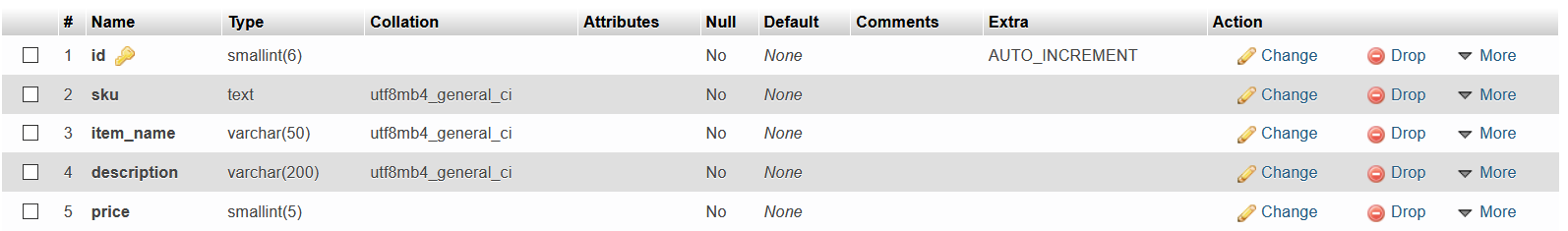
-access PHPMyAdmin by clicking on “Admin” (situated on the right of the MySQL module)

-on the main page of PHPMyAdmin click on “IMPORT”; after the page loads, click on browse and select the file “test.sql” then scroll to the bottom of the page and click on “EXECUTE”

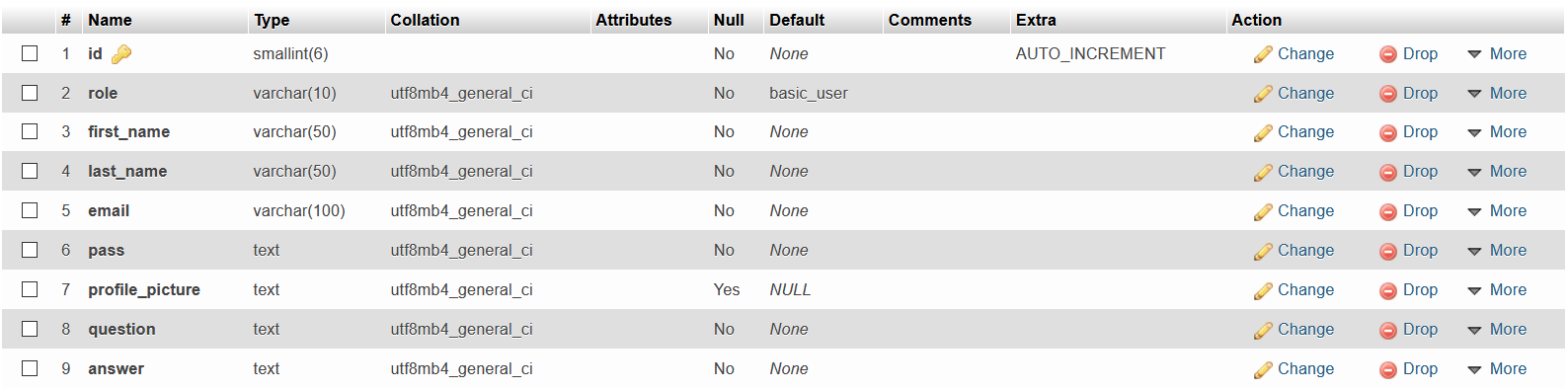
-The database “test” contains 2 tables: “user” and “articles”

-Tables structure:

1. Table “articles”



1. Table “user”



-The table “articles” contains 4 recordings for functionality testing and the table “user” contains 2 recordings for functionality testing:

* Email: [andrei.cirstea98@gmail.com](mailto:andrei.cirstea98@gmail.com) pass: password123 -> role: admin
* Email: [basicuser@yahoo.com](mailto:basicuser@yahoo.com) pass: password123 -> role: basic\_user

-Open Apache NetBeans, click on File -> Open project -> …\XAMPP\htdocs\Test -> Open project

-Select the preferred browser and run the project

Project structure and functionality:

-The project is structured in 2 templates:

1. Not\_connected template
2. Connected template

A. Not\_connected template:

-You can access 3 links: Sign In (Log in), Sign up (Register), Did you forget your password? (Password reset)

-Registration: with first\_name, last\_name, email, password, security question (the user has to select one), security answer (the user has to answer the security question).

After completing the form and clicking Submit, if all the conditions of the form are fulfilled, the data is saved into the database.

After the registration the user gets logged in on the website automatically.

By registering, the users get the role -> basic\_user, that prevents them to access some links and prevents them to gain access to parts of the website.

-Password reset: with email, security question (user has to select it again), security answer and new password.

If the input data (except the new pass) matches the data saved into the database, the user gets the new password saved into the database.

The user can use the new password to login.

-Log in: with email and password.

By logging in the user sets his session on the server and gets on the “Connected template”.

B. Connected template:

-Depending on which role the user has, he can access more or less links and functions.

-The “Connected template” opens in the “Profile” section of the website, where users can check their personal information (first\_name, last\_name, email, security question and security answer) and they can upload a profile picture which will be saved into the database and into the project by a unique name.

If the user does not have a photo saved into the database, he gets the default profile picture.

If the user has a photo saved into the database, but the photo is missing from the project, he gets the default profile picture.

If the user has a photo saved into the database, and the photo is saved in the project, he gets the profile picture that he uploaded.

The Admin has access to: Profile, Articles, Add article and User list.

-In Articles:

* He sees the available products
* He can modify existing products
* He can delete existing products
* He can search articles by keyword

-In Add article: he can add articles with: sku, item\_name, description and price

-In User list:

* He can search users by keyword
* He can delete users
* He can turn basic\_user(s) into admins

The basic\_user has access to: Profile, Articles, Cart

-In Article:

* He can see the available products
* He can add available products in the cart (those are saved in the session)
* He can search articles by keyword

-In Cart:

* He can see the added products and how many of each kind did he add
* He can see how much do the added products cost together
* He can remove products from the cart (those are deleted from the session)

By exiting the browser without logging out, the session will continue to run until it expires.

By Logging out the session is destroyed and the user gets back to the “Not\_connected” template.