Faculty of Computers and Artificial Intelligence – Cairo University
IS333 Web based information systems
Spring 2025

Assignment 2 (Laravel Registration Webpage)

Students number: 6 Students	**Deadline**: Friday 23-05-2025 @10:00 PM – Submission link will be posted on classroom 3 days before the deadline

Design a Laravel project to accommodate the **same feature** implemented in assignment 1. In addition, your Laravel project will apply the following:

1. The form includes sending an automatic email when a new user is registered. The email title is "New registered user" and the email content is "A new user <username> is registered to the system".

2. Include five automated test function using Laravel testing at least one of them is a **feature test** (ensure the form inserts a new student and display back results like showing "insertion performed successfully").

3. Apply Laravel multi-language features. Your webpage must support two languages (English is necessary). The second language is your choice (we recommend Arabic).

Grading Rubrics:

The grading for this project is as follows:

1. Transforming the registration web form to Laravel MVC model (including storing data in the database) (2 marks)
2. Transforming the client-side and server-side validations to your Laravel project (1 mark).
3. Applying **Laravel Master** layout to include the header and footer pages in the welcome page (1 mark).
4. Using "check the WhatsApp number" API in your Laravel project (1 marks).
5. Sending an email to the system admin upon a new user registration (1 mark).
6. Supporting multi-language (1 mark).
7. Apply Laravel password encryption (0.5 mark).
8. Automated Laravel tests (2.5 marks)

<u>Notes:</u>

- Your project needs to have:
  - A file "Team members.txt" that includes Team members' name and IDs
- Build your project using **composer create-project** command
- Make sure your database is SQLite which is the default (you don't need to change any configurations)
- Make sure that you've deleted the vendor folder before compressing your project
- Make sure that all the project files are in one compressed folder zip/rar and named "Your_team_number-ASSIGNEMNT-1" e.g. 15_ ASSIGNEMNT-2.
- Your_team_number (can be found on the list in the classroom)
  - https://docs.google.com/spreadsheets/d/1i7chBa5Ep-BP1P-E6GO7Jdl-EpcbeFQh6oNdNBkDH90/

- Assignments 1 and 2 will be discussed in one session. The discussion date and time are determined by your TA (arrangements will be announced on classroom).