

IF184605 Framework-Based Programming (C) Midterm Exam

Starting date: 30 March 2022
Deadline: 07 April 2022, 23:59 WIB. **Penalty: 0.15% of grade/minute of tardiness.**
Exam type: Open, Group (of one/two/three students) – feel free to build your group from any student of class C and/or D.
Send to: MM Irfan Subakti <yifana@gmail.com>
CC to Frans Wijaya <franswijaya403@gmail.com> with the subject:
IF184605_FRAMEPRO(C)_MID_StudentID1_Name1_StudentID2_Name2
File type and format: A .ZIP file containing report & the declaration
Filename format: IF184605_FRAMEPRO(C)_MID_StudentID1_Name1_StudentID2_Name2.ZIP

Instruction

Please do these steps as in the following.

1. In this exam, you must build your own (continuing improvement) website which follows some requirements below.

Realise a website that represents your longing start-up that serves as your showcase and portfolio for your product/service. The database is mandatory.

Create a CRUD (*Create, Read, Update, Delete*) website by using the CodeIgniter, Laravel, or any framework that suit you the best for PHP-based web programming. CodeIgniter & Laravel are the MVC (*Model-View-Controller*) PHP frameworks. The conditions you must satisfy are:

- Must contain login, registration, and logout feature
- Must contain a foreign key in your database
- Must have at least 8 features of CRUD

Make a report, the content of the report is the database design (conceptual & physical data model), list of features, screenshot, and a brief explanation of your webpage (per feature). Also, to maintain fairness for your awarded grade, state clearly in your report, the percentage of works and the contribution(s) for each member in your group, e.g., Melati Narendrawati Utami 55% [*state Pandanwangi's contribution(s) here*], and Aji Seno Pangestu 45% [*state Aji's contribution(s) here*]. Upload your web page to the free web hosting. Then upload your *source code* and any important document to your GitHub repository.

The grading of your works is based on below.

- Design [20%]
- Implementation [50%]
- Analysis/Evaluation [25%]
- Conclusion [5%]

2. To avoid plagiarism/cheating, every student needs to pledge and declare, then she/he must submit her/his **signed pledge and declaration** as in the following. Failing to do so will be resulted in getting a 0 (zero) grade. Attach the **scanned/photo** of your *declaration* in your report.

“By the name of Allah (God) Almighty, herewith I pledge and truly declare that I have solved midterm exam by myself, didn’t do any cheating by any means, didn’t do any plagiarism, and didn’t accept anybody’s help by any means. I am going to accept all of the consequences by any means if it has proven that I have been done any cheating and/or plagiarism.”

[Place, e.g., Surabaya], [date, e.g., 07 April 2022]

<Signed>

[Full name, e.g., Melati Narendrawati Utami]

[StudentID, e.g., 05111940000xxx]

3. Email to us (i.e., the aforementioned emails above) the following:
 - GitHub repository link
 - Deployed website link
 - A .ZIP file containing report and declaration (e.g., `Declaration.PDF`), namely `IF184605_FRAMEPRO(C)_MID_StudentID1_Name1_StudentID2_Name2.ZIP`
4. Have a lovely day! Good luck! 😊