

REQUIREMENTS FOR FINAL PROJECT OF ICT MODULE

Introduction

Each student must undertake with individual / group (up to 2 members) final project which is a combination of practical and theoretical parts. A project is not allowable to be mainly a theoretical review. A project must include results fulfilled by the students. The final project is worth 40 points out of the course mark.

Deadlines

Please refer to the education calendar for submission deadline. The project presentation schedule is organized for each group and can be found from the group tutor.

In case of illness or injury leading to absences, the student must inform the tutor and dean as well as provides the medical certificates for getting permission for submitting the project.

The late submission window (24 hours) after the deadline date is being considered as late submission and evaluated as half of the points. Over 24 hours after deadline awards a zero mark

Assessment

The assessment of the project includes the following items depending on project nature:

- Written report.
- Oral presentation:
- Source code

The failing one of these points above is mean that the project is automatically failed the module.

Plagiarism

Detecting the cheating in the final project is automatically penalized as a fail.

Plagiarism rules cover all types of cheating work including using someone concept, design, ideas, diagrams, figures, part of the text, approaches, source code, etc.

Preliminary steps for submitting the project

The final report and source code should be submitted to your tutor personally and must follow according to the next criteria:

- The report is allowable only in PDF format.
- Make sure that the document is displayed correctly
- Check the format of all pages and figures
- Source code should be submitted in ZIP format

Report format

- The final report should be original work if the students and contains references to literature and source

- The document should not exceed 30 pages without including Cover page (Please see Appendix A), List of figures and tables, References and Appendix
- Make sure that your document includes all mentioned above content parts.
- The format of the report is 1.15-line spaced text, 11-point font and 2.5 cm in margins
- The text should be clearly understandable and written in English language.

Content

According to covered material in the module, the student project must include the following information:

- Aims and objectives of the project. Provide detailed information about the purpose of the project.
- The background of the work contained references to the literature source.
- Impact of the project with a description of the observed data. Students must provide accurate ERD notation and coherent business rules with an appropriate description.
- The students must implement at least 9-10 well-organized entities according to obtained knowledge from the module.
- All entities of the work should be normalized and supplied by explanation. Additionally, in the report, students must present full steps of normalization from unnormalized table to a final state. Normalization part consists of explanation and argumentation of student comprehension as well as supported by anomalies.
- In the project, students must use **DDL and DML statements**.
- The project should provide at least 10 results from an implemented database by using SQL queries. The queries should be coherent and complex including clauses, conditions, aggregate functions. Moreover, for combining two and more than two entities, please use join conditions.
- Summary, including an overview of what has actually been achieved by the project, and technical proposal of how the student project could be improved.
- The source code should include a clear explanation each step as comments for programming part
- Please, provide README file archived with source code for helping your reader to navigate through source code including in DDL and DML parts.

Grade system

The minimal requirements indicated **ABOVE** will be assessed as a **score < 89**. For getting a score of **more than 90**, a student should face the following criteria:

- The work must display individual comprehensive knowledge. The work must include independent thought, originality and high-level quality. Clear presentation.
- The work must consist of a broad range of sources for supporting student arguments and thoughts.
- Students must show strong evidence of the technical approach for project issues and the ability to evaluate arguments
- The work must overcome the minimal requirements and taught expectations.

Appendix A



INFORMATION COMMUNICATION TECHNOLOGIES

Individual Project

Project Title:

Student Name:

Group name:

Tutor name:

Date:

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