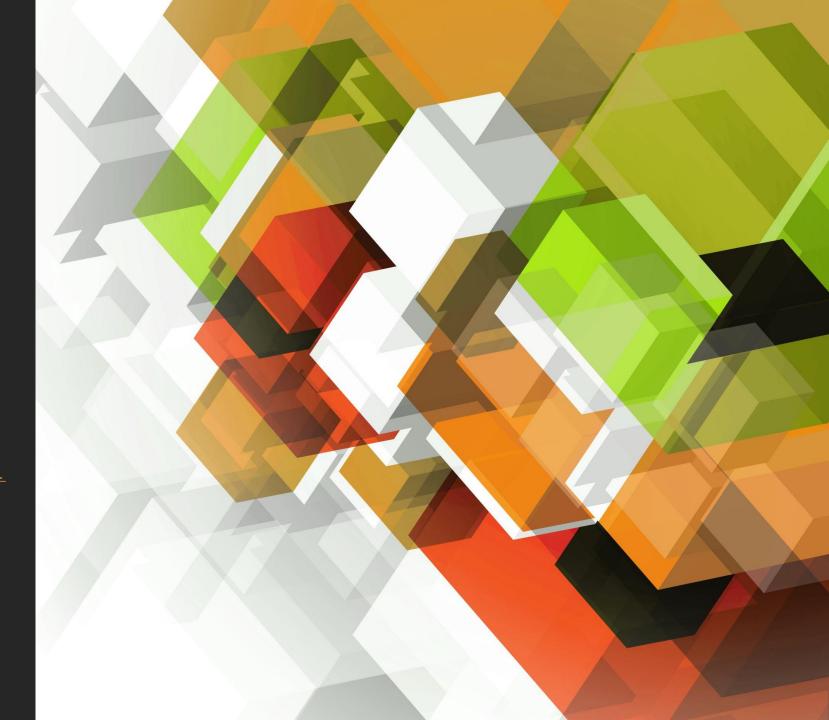
EDABA – lab1

GRZEGORZ PROTAZIUK

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CONSULTATIONS:

WEDNESDAY 13.15-14.00, ROOM 301



Schedule

Group Laboratory 103

- ❖ lab 1 20 October,
- lab 2 3 November,
- lab 3 24 November,
- ❖ lab 4 8 December,
- ❖ lab 5 12 January,
- lab 6 26 January

Group Laboratory 104

- lab 1 27 October,
- ❖ lab 2 10 November,
- ❖ lab 3 17 November,
- ❖ lab 4 1 December,
- ❖ lab 5 15 December,
- ❖ lab 6 19 January,

Regulations

The grade scale: 2 (min) -5 (max)

The grade is given based on the sum of points for the laboratory tasks.

```
5 > 90%
4,5 > 80%
4 > 70%
3,5 > 60%
3 > 50%
```

There are three tasks:

- 1. Design and implementation of a database, labs 1-3, 30 points
- 2. SQL queries, labs 4-5, 20 points,
- 3. Oracle objects (stored procedures) lab 6, 10 points,

Attendance: only one absence is allowed

Accounts and tools

Account on galera serwer:

In the email

from Zbigniew Szymański (<u>zbigniew.szymanski@pw.edu.pl</u>)

With title: "Your account on galera.ii.pw.edu.pl server"

sent on 12.10.2022 or erlier (in the previous semesters)

DBMS: ORACLE, https://www.oracle.com/database

Instruction: http://galera.ii.pw.edu.pl/oracle-en/

Tool: SQL Developer, https://www.oracle.com/pl/database/sqldeveloper/

Workstation: Linux system, please logout after laboratory classes and do not switch computer off.

Materials

- tutorials: http://staff.ii.pw.edu.pl/~rbembeni/EDABA_tutorials.html
- laboratory: http://staff.ii.pw.edu.pl/~rbembeni/EDABA.html

Task 1 - Design and implementation of database

1. Textual description of a database

aim, objects, requirements concerning data

2. ER – diagram

text description of entities and relations

3. Relational schema

description of a way of mapping an ER-diagram into a relational schema

4. DDL script

creating database in Oracle DBMS