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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Lecturer’s Title:** | Prof. | | **Name:** | Nodar | | | **Surname:** | | Momtselidze | | | |
|  | | | | | | | | | | | | |
| **Cycle:** | ☐B.A. ☒M.A. ☐Ph.D | | **Educational Program:** | | | Computer Science | | | | | | |
| **Academic Year:** | 2015-2016 | | **Instruction Language:** | | | ☒English ☐Georgian ☐Turkish | | | | **Date: 30.11.2015** | | |
| **Semester:** | ☒ Fall ☐Spring | | **Course Name:** | | | Advanced Database | | | | **Duration (min.): 60** | | **Group: 1** |
| **Course Code:** |  | | **Type:**☐Quiz ☒Midterm ☐Final ☐Excuse ☐Make-up ☐Proficiency | | | | | | | | | |
|  | | | | | | | | | | | | |
| **Student’s ID №:** | |  | **Full Name:** | |  | | | **Signature:** | | |  | |

Create Logical and Physical schemas.

Generate DDL for Oracle 11 and copy to the Wordpad page with your name.

This is a widely-used Basic Data Warehouse showing the most common six Dimensions :-

Accounts

General\_Ledger\_Codes

Currencies

Periods

Departments

Stuff

and Fact table with name Trunsactions

Accounts{Account\_id, Account\_name, Account\_type\_name, Customer\_name, Date\_Account\_opened, Date\_Account\_closed}

General\_Ledger\_Code{GL\_code, GL\_code\_description}

Currencies{Currency\_code, Currency\_name}

Periods{Period\_id, Period\_name, Date\_period\_start, Date\_period\_end}

Departments{Department\_code, Department\_name}

Stuff{Stuff\_id, Stuff\_name, Date\_joined, Date\_left, Email}

Trunsactions{Trunsaction\_id, (needed Foreign keys), Trunsaction\_amount}

-- first fields are primary keys!!!

-- In Fact you have to add needed foreign keys.