

ΣΧΟΛΗ ΤΕΧΝΟΛΟΓΙΚΩΝ ΕΦΑΡΜΟΓΩΝ
ΤΜΗΜΑ ΜΗΧΑΝΙΚΩΝ ΠΛΗΡΟΦΟΡΙΚΗΣ ΤΕ



Βάσεις Δεδομένων II - Εργαστήριο

Διδάσκων: Τσίπουρας Μάρκος

Σχήμα Βάσης Δεδομένων

EMPLOYEE

<u>EMP_ID</u>	LASTNAME	FISTNAME	SALARY	ADDRESS	SEX	BDATE	SUPERVISOR_ID	DNUMBER
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DEPARTMENT

<u>DNUMBER</u>	DNAME	MANAGER_ID	MNG_STARTDATE
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DEP_LOCATIONS

<u>DNUMBER</u>	<u>LOCATIONS</u>
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PROJECT

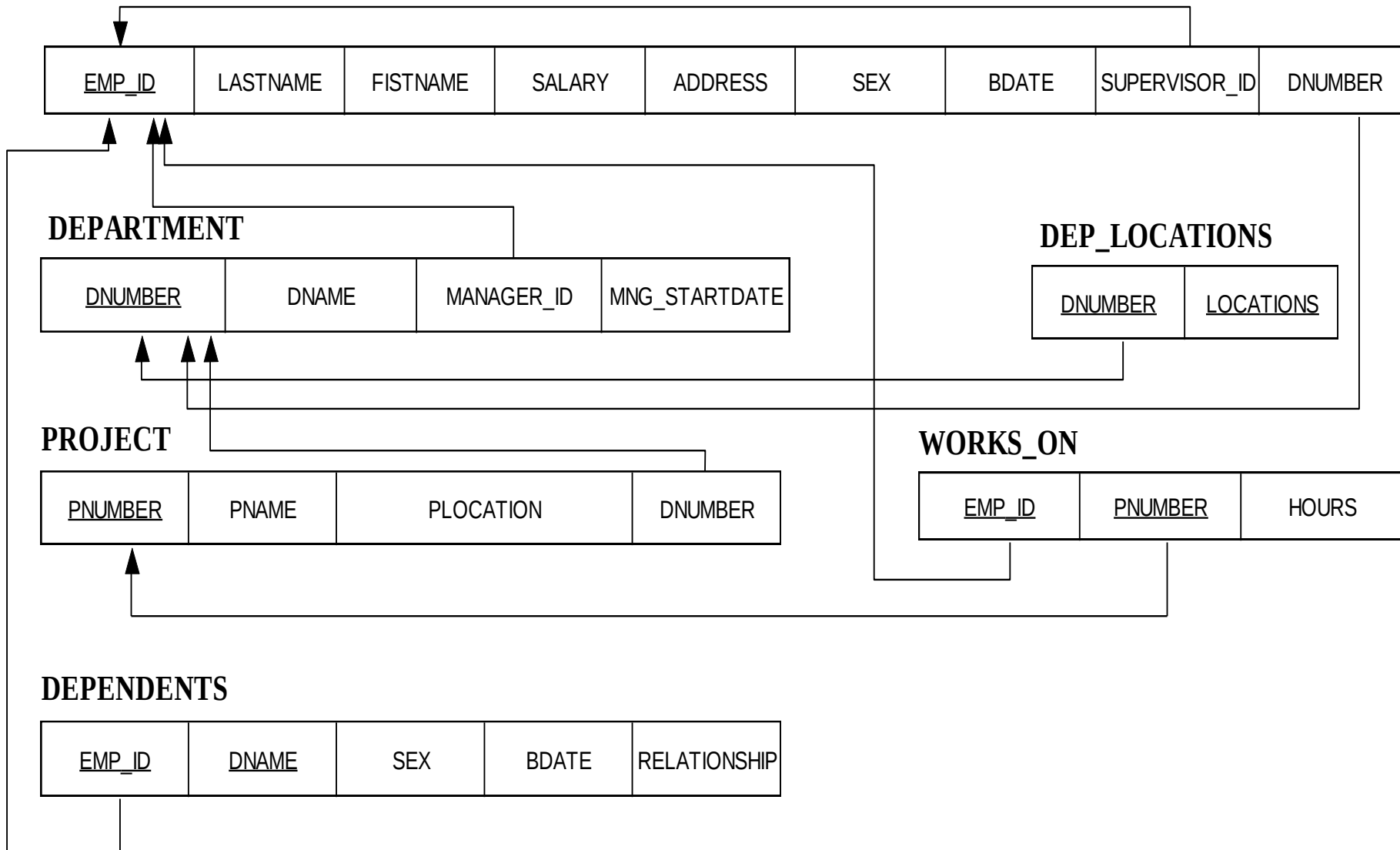
<u>PNUMBER</u>	PNAME	PLOCATION	DNUMBER
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WORKS_ON

<u>EMP_ID</u>	<u>PNUMBER</u>	HOURS
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DEPENDENTS

<u>EMP_ID</u>	<u>DNAME</u>	SEX	BDATE	RELATIONSHIP
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Δημιουργία Φυσικού Σχήματος

```
create database COMPANY
use COMPANY
```

```
create table EMPLOYEE
( ... )
```

```
create table DEPARTMENT
( ... )
```

```
create table DEP_LOCATION
( ... )
```

```
create table PROJECT
( ... )
```

```
create table WORKS_ON
( ... )
```

```
create table DEPENDENTS
( ... )
```

```
/*alter table EMPLOYEE
add foreign key (DNUMBER)references DEPARTMENT(DNUMBER);*/
```

Δημιουργία Procedures

```
create procedure ADD_EMPLOYEE
```

```
...
```

```
create procedure ADD_DEPARTMENT
```

```
...
```

```
create procedure ADD_DEP_LOCATION
```

```
...
```

```
create procedure ADD_PROJECT
```

```
...
```

```
create procedure ADD_WORKS_ON
```

```
...
```

```
create procedure ADD_DEPENDENTS
```

```
...
```

Εισαγωγή Δεδομένων

```
execute ADD_EMPLOYEE 'B276548', 'Dimou', 'Giorgos', 2000, 'Araxthou 4', 'M', '10/08/1956', null, 1
execute ADD_EMPLOYEE 'S676548', 'Pappas', 'Kwstas', 1000, 'Filellinon 10 Giannena', 'M',
06/1/1970', null, 2
```

...

Εντολή select

Επιλογή στοιχείων από πίνακες

```
select * from EMPLOYEE
```

```
select lastname from EMPLOYEE
```

```
select lastname,firstname from EMPLOYEE
```

```
select salary from EMPLOYEE where emp_id = 'A276654'
```