

The Creation of Grading System for Pamantasan ng Lungsod ng Pasig

**College of Computer Studies
Information Management**

Submitted By :

Bayot Ryza



Cantorna Rhonalyn

Rosell Jamie

Submitted To:

Rebecca Fajardo

Grading Template (xlsx)

 	School Year: 20-21	Semester: 1	Section: BSIT 2X															
	Course: COMP 105 - Information Management																	
	Grading Period: Midterms Professor: Ms. REBECCA R. FAJARDO																	
	<p>Legend:</p> <p>Att Attendance (Abs + Tardy) RS Raw Score</p> <p>CP Class Participation GRA Grade of Actual Score</p> <p>CW Class Work, Lab, Seatwork</p>																	
Number of Meetings: 9		<table border="1"> <caption>Summary of Grades %</caption> <tr> <td>DRP</td> <td>0</td> <td>0.00</td> </tr> <tr> <td>INC</td> <td>0</td> <td>0.00</td> </tr> <tr> <td>Pass</td> <td>0</td> <td>0.00</td> </tr> <tr> <td>Fail</td> <td>0</td> <td>0.00</td> </tr> <tr> <td>TOTAL</td> <td>0</td> <td></td> </tr> </table>		DRP	0	0.00	INC	0	0.00	Pass	0	0.00	Fail	0	0.00	TOTAL	0	
DRP	0	0.00																
INC	0	0.00																
Pass	0	0.00																
Fail	0	0.00																
TOTAL	0																	

No	Student Name (Lastname, Firstname)	Put 'Drp' for dropped	0%	5%	5%	Q1 =	4S	Q2 =	60	25%	Proj	35%	ME	110	30%	Total =	100%
			Total Att	GrA	CP in (%)	CW in (%)	RS	GrA	RS	GrA	Quiz	Pr in (%)	GrA	RS	GrA	Major Exam	Grade
1	BAYOT, RYZA		0.00	98	100	32	#NAME?	54	#NAME?	#NAME?	97	33.95	83	#NAME?	#NAME?	#NAME?	#NAME?
2	CANTORNA, RHONALYN		0.00	98	9.5192307	39	#NAME?	55	#NAME?	#NAME?	96.8	33.88	88	#NAME?	#NAME?	#NAME?	#NAME?
3	ROSELL, JAMIE		0.00	98	9.0384615	38	#NAME?	54	#NAME?	#NAME?	97.4	34.09	84	#NAME?	#NAME?	#NAME?	#NAME?
				98	9.5192307	35		55			97.6		90				
				80	1.4209403	18		54			96.8		61				
				95	9.8076923	35		55			97.6		64				
				95	9.8076923	35		55			97.6		64				

3NF Normalization

3NF

PROFESSORS

faculty_id	prof_name	department
P1	Laura Altea	CCS
P2	Rebecca Fajardo	CCS
P3	Benito Villareal	CAS
P4	Federico Nueva	CAS
P5	Almeda Asuncion	CCS
P6	Rodolfo Mirabel Jr.	CCS
P7	Michael Rafael	CAS
P8	Racquel Cortez	CCS

SUBJECTS

id	subject_code	subject_name	curriculum_year
1	COMP104	Data Structures And Algorithm	2024
2	COMP105	Information Management	2024
3	GE008	Ethics	2024
4	IT102	Quantitative Methods	2024
5	GEE002	Living in the IT Era	2024
6	IT202	Object Oriented Programming	2024
7	PE103	PATHFITH	2024
8	IT201	Platform Technologies	2024

STUDENT GRADES

grade_id	student_id	midterm_grade	finals_grade	semester_grade
1	23-00246	90	85	88
2	23-00317	100	100	100
3	23-01035	89	89	89

STUDENT SUBJECTS

student_id	subject_id
23-00246	1
23-00317	3
23-01035	6

PROFESSOR SUBJECTS

faculty_id	subject_id
P1	1
P2	2
P3	3
P4	4
P5	5
P6	6
P7	7
P8	8

DATA_DIC-1 ☆ 📁 ☁										
File Edit View Insert Format Data Tools Extensions Help										
🔍 ↶ ↷ 🖨 📎 90% \$ % ⌵ ⌴ 123 Arial - 11 + B <i>I</i> ⚡ <u>A</u> 🗒 📄 ⌵ ⌴										
A1	fx									
	A	B	C	D	E	F	G	H	I	J
1										
2	Table Name	Attribute Name	Contents	Type	Format	Range	Required	PK or FK	FK references table	
3	PROFESSORS	faculty_id	Unique faculty ID	varchar(50)						
4		prof_name	Full name of the professors	varchar(100)						
5		department	Department of the professors	varchar(100)						
6	SUBJECTS	id	Unique subject ID	int(11)				PK		
7		subject_code	Code of the subject	varchar(50)						
8		subject_name	Name of each subjects	varchar(100)						
9	STUDENT GRADES	curriculum_year	School year	int(11)						
10		grade_id	Unique ID of grades	int(11)				PK		
11		student_id	Unique ID of each students	varchar(10)	xx-xxxxx		Y	FK		
12		midterm_grade	Computed grades for midterms	decimal(5, 2)			Y			
13		finals_grade	Computed grades for finals	decimal(5, 2)			Y			
14		semester_grade	Computed grades for semester	decimal(5, 2)			Y			
15	STUDENT SUBJECTS	student_id	Unique ID of each students	varchar(10)	xx-xxxxx		Y			
16		subject_id	Unique ID of each subjects	int(11)				PK		
17		faculty_id	Unique faculty ID	varchar(50)						
18	PROFESSOR SUBJECTS	subject_id	Unique ID of each subjects	int(11)						
19										
20										

WEEK 2

December 3-6, 2024

MySQL structure and records per table

Tables:

```

MariaDB [(none)]> use jamiee;
Database changed
MariaDB [jamiee]> show tables;
+-----+
| Tables_in_jamiee |
+-----+
| professors        |
| studentgrade      |
| students          |
| subjects          |
| users             |
+-----+
5 rows in set (0.001 sec)

```

Professors Table:

```
MariaDB [jamiee]> desc professors;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
faculty_id	varchar(50)	NO	UNI	NULL	
prof_name	varchar(100)	NO		NULL	
subject_taught	varchar(100)	YES		NULL	
department	varchar(100)	YES		NULL	
user_id	int(11)	YES	MUL	NULL	

6 rows in set (0.007 sec)

```
MariaDB [jamiee]> select * from professors;
```

id	faculty_id	prof_name	subject_taught	department	user_id
1	P1	Laura Altea	Data Structures And Algorithm	CCS	2
2	P2	Rebecca Fajardo	Information Management	CCS	8
3	P3	Benito Villareal	Ethics	CAS	2
4	P4	Federico Nueva	Quantitative Methods	CAS	8
5	P5	Almeda Asuncion	Living in the IT Era	CCS	14
6	P6	Rodolfo Mirabel Jr.	Object Oriented Programming	CCS	8
7	P7	Michael Rafael	PATHFITH	CAS	14
8	P8	Racquel Cortez	Platform Technologies	CCS	14

8 rows in set (0.001 sec)

Studentgrade Table:

```
MariaDB [jamiee]> desc studentgrade;
```

Field	Type	Null	Key	Default	Extra
grade_id	int(11)	NO	PRI	NULL	auto_increment
student_id	varchar(10)	YES	MUL	NULL	
midterm_grade	decimal(5,2)	YES		NULL	
finals_grade	decimal(5,2)	YES		NULL	
semester_grade	decimal(5,2)	YES		NULL	

5 rows in set (0.006 sec)

```
MariaDB [jamiee]> select * from studentgrade;
```

grade_id	student_id	midterm_grade	finals_grade	semester_grade
123	23-00246	90.00	85.00	88.00

1 row in set (0.001 sec)

```
MariaDB [jamiee]> select * from studentgrade;
```

grade_id	student_id	midterm_grade	finals_grade	semester_grade
1	23-00246	90.00	85.00	88.00
2	23-00317	100.00	100.00	100.00
3	23-01035	89.00	89.00	89.00

3 rows in set (0.000 sec)

students Table:

```
MariaDB [jamiee]> desc students;
```

Field	Type	Null	Key	Default	Extra
student_id	varchar(10)	NO	PRI	NULL	
student_name	varchar(100)	NO		NULL	
course	varchar(100)	NO		NULL	
year_level	int(11)	NO		NULL	
section	varchar(10)	NO		NULL	
department	varchar(100)	NO		NULL	
professor	varchar(100)	YES		NULL	
user_id	int(11)	NO	MUL	NULL	

8 rows in set (0.007 sec)

```
MariaDB [jamiee]> select * from students
-> ;
```

student_id	student_name	course	year_level	section	department	professor	user_id
23-00246	Rhonalyn Cantorna	COMP104	2	BSIT2D	CCS	Altea Laura	9
23-00317	Ryza Bayot	Ethics	2	BSIT2D	CCS	Benito Villareal	10
23-01035	Jamie Rosell	IT202	2	BSIT2D	CCS	IT Elective: Object Oriented Programming	3

3 rows in set (0.001 sec)

subjects Table:

```
MariaDB [jamiee]> desc subjects;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
subject_code	varchar(50)	NO		NULL	
subject_name	varchar(100)	NO		NULL	
curriculum_year	int(11)	NO		NULL	

4 rows in set (0.006 sec)

```
MariaDB [jamiee]> select * from subjects;
```

id	subject_code	subject_name	curriculum_year
1	COMP104	Data Structures And Algorithm	2024
2	COMP105	Information Management	2024
3	GE008	Ethics	2024
4	IT102	Quantitative Methods	2024
5	GEE002	Living in the IT Era	2024
6	IT202	Object Oriented Programming	2024
7	PE103	PATHFITH	2024
8	IT201	Platform Technologies	2024

8 rows in set (0.001 sec)

user Table:

```
MariaDB [jamiee]> desc users;
```

Field	Type	Null	Key	Default	Extra
id	int(11)	NO	PRI	NULL	auto_increment
username	varchar(50)	NO	UNI	NULL	
password	varchar(255)	NO		NULL	
account_type	enum('admin','faculty','student')	NO		NULL	

4 rows in set (0.007 sec)

```
MariaDB [jamiee]> select * from users;
```

id	username	password	account_type
1	admin1	admin	admin
2	altea	laura	faculty
3	jamie	rosell	student
4	admin2	admin	admin
5	admin3	admin	admin
7	admin	admin	admin
8	faculty2	faculty	faculty
9	rhonalyn	cantorna	student
10	ryza	bayot	student
11	student2	student	student
12	student4	student	student
14	faculty3	faculty	faculty

12 rows in set (0.000 sec)

ROSELL JAMIE

- Participation : 10
- Attendance : 10
- Task assigned : 9
- Total: 29

RYZA BAYOT

- Participation : 10
- Attendance : 9
- Task assigned : 10
- Total: 29