

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																																																																																																																																							
Legend :	Att	Attendance (Abs + Tardy)	RS Raw Score																																																																																																																																							
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	CW	Class Work, Lab, Seatwork																																																																																																																																								
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			Summary of Grades % <table border="1" style="margin-left: auto; margin-right: auto;"> <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																																																																																																																									
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No	Student Name (Lastname, Firstname)	Put 'Drp' for dropped	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>0%</th><th>5%</th><th>5%</th><th>Q1 =</th><th>45</th><th>Q2 =</th><th>60</th><th>25%</th><th>Proj</th><th>35%</th><th>ME</th><th>110</th><th>30%</th><th>Total =</th><th>100%</th></tr> <tr> <th>Total Att</th><th>GrA</th><th>Op in (%)</th><th>CW in (%)</th><th>RS</th><th>GrA</th><th>RS</th><th>GrA</th><th>Quiz</th><th>Pr in (%)</th><th>GrA</th><th>RS</th><th>GrA</th><th>Major Exam</th><th>Grade</th></tr> </thead> <tbody> <tr> <td>1</td><td>BAYOT, RYZA</td><td></td><td>0.00</td><td>98</td><td>100</td><td>32</td><td>#NAME?</td><td>54</td><td>97</td><td>33.95</td><td>83</td><td>#NAME?</td><td>#NAME?</td><td>#NAME?</td></tr> <tr> <td>2</td><td>CANTORNA, RHONALYN</td><td></td><td>0.00</td><td>98</td><td>9.5192307</td><td>39</td><td>#NAME?</td><td>55</td><td>96.8</td><td>33.88</td><td>88</td><td>#NAME?</td><td>#NAME?</td><td>#NAME?</td></tr> <tr> <td>3</td><td>ROSELL, JAMIE</td><td></td><td>0.00</td><td>98</td><td>9.0384615</td><td>38</td><td>#NAME?</td><td>54</td><td>97.4</td><td>34.09</td><td>84</td><td>#NAME?</td><td>#NAME?</td><td>#NAME?</td></tr> <tr> <td></td><td></td><td></td><td></td><td>98</td><td>9.5192307</td><td>35</td><td></td><td>55</td><td></td><td>97.6</td><td>90</td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>80</td><td>1.4209403</td><td>18</td><td></td><td>54</td><td></td><td>96.8</td><td>61</td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>95</td><td>9.8076923</td><td>35</td><td></td><td>55</td><td></td><td>97.6</td><td>64</td><td></td><td></td><td></td></tr> <tr> <td></td><td></td><td></td><td></td><td>an</td><td>7.7777777</td><td>30</td><td></td><td>50</td><td></td><td>96.4</td><td>62</td><td></td><td></td><td></td></tr> </tbody> </table>	0%	5%	5%	Q1 =	45	Q2 =	60	25%	Proj	35%	ME	110	30%	Total =	100%	Total Att	GrA	Op 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	97	33.95	83	#NAME?	#NAME?	#NAME?	2	CANTORNA, RHONALYN		0.00	98	9.5192307	39	#NAME?	55	96.8	33.88	88	#NAME?	#NAME?	#NAME?	3	ROSELL, JAMIE		0.00	98	9.0384615	38	#NAME?	54	97.4	34.09	84	#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								an	7.7777777	30		50		96.4	62			
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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	Raoquel Cortez	CCS

SUBJECTS

id	subject_code	subject_name	curriculum_year
1	COMP104	Data Structures And Algorithm	2024
2	COMP105	Information Management	2024
3	GEO008	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

The screenshot shows a Microsoft Excel spreadsheet with the title "DATA_DIC-1". The table has the following structure:

	A	B	C	D	E	F	G	H	I	J
1	Table Name	Attribute Name	Contents	Type	Format	Range	Required	PK or FK	FK references table	
2	PROFESSORS	faculty_id	Unique faculty ID	varchar(50)						
3		prof_name	Full name of the professors	varchar(100)						
4		department	Department of the professors	varchar(100)						
5	SUBJECTS	id	Unique subject ID	int(11)				PK		
6		subject_code	Code of the subject	varchar(50)						
7		subject_name	Name of each subjects	varchar(100)						
8		curriculum_year	School year	int(11)						
9	STUDENT GRADES	grade_id	Unique ID of grades	int(11)				PK		
10		student_id	Unique ID of each students	varchar(10)	xx-xxxxx		Y	FK		
11		midterm_grade	Computed grades for midterms	decimal(5, 2)			Y			
12		finals_grade	Computed grades for finals	decimal(5, 2)			Y			
13		semester_grade	Computed grades for semester	decimal(5, 2)			Y			
14	STUDENT SUBJECTS	student_id	Unique ID of each students	varchar(10)	xx-xxxxx		Y			
15		subject_id	Unique ID of each subjects	int(11)				PK		
16		faculty_id	Unique faculty ID	varchar(50)						
17	PROFESSOR SUBJECTS	subject_id	Unique ID of each subjects	int(11)						
18										
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 | rhonalyin | 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