

INTERNATIONAL STATE COLLEGE OF THE PHILIPPINES (ISCP) STUDENT ADMISSION SYSTEM

A System Proposal presented
to the Faculty of the College of Computer and Information Sciences,
Polytechnic University of the Philippines

In Partial Fulfillment for the Course
COMP 20093 – Information Management

PROPONENTS

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OVERVIEW OF THE PROJECT



The International State College of the Philippines (ISCP) has introduced a new student registration/admission form to streamline the enrollment process. The form is designed to capture all relevant information, including personal details of the student applicant, previous schooling information, and guardian information and is governed by business rules based on the principles of normalization.

The business rules ensure that each student has a unique admission number, that each parent or guardian should have their PhilSys ID to be filled by the student, and that previous schooling information to be filled by the student is organized in a normalized manner. By adhering to these rules, the ISCP can ensure that the data collected is consistent, accurate, and easy to use, allowing them to focus on providing the best possible education to their students.

MANUAL FORM



ISCP STUDENT REGISTRATION / ADMISSION FORM

Student's Information

Admission Number:

Student Name:

Campus:

Sex:

Date of Birth: __-__-__

Religion:

Nationality:

Program:

Place of Birth:

Previous Schooling Details

	Name of School	School Address	School ID	Start	End	Class Standing
I.						
II.						
III.						

Permanent Address:

City:

Postal Code:

Contact Number:

Email Address:

Father's/Guardian's Information

Name:

Relationship:

PhilSys ID:

Occupation:

Guardian Address:

City:

Postal Code:

Contact Number:

Email Address:

Mother's Information

Name:

PhilSys ID:

Occupation:

Guardian Address:

City:

Postal Code:

Contact Number:

Email Address:

Business Rules:

1. Each student should have a unique admission number assigned to them.
2. A student can have one or more previous schools and guardians.
3. The guardian/s could be the mother, father, or any relative.
4. A student can only have one program choice and campus choice.
5. A student should be an incoming first year student.

NORMALIZATION

Business Rules:

1. Each student should have a unique admission number assigned to them.
2. A student can have one or more previous schools and guardians.
3. The guardian/s can be the mother, father, or any relative.
4. A student can only have one program choice and campus choice.
5. A student should be an incoming first year student.

Note: Kindly refer to the excel file ([Group 7 Normalization.xlsx](#)) to see the more detailed normalization.

1NF

STUDENT(Admission Number, Name, Campus, Program, Sex, Birthday, Birthplace, Religion, Nationality, {School ID, Name_of_Previous_School, School_Address, From, To, Class_Standing}, Permanent_Address, City, Postal_Code, Contact_Number, Email_Address, {Name_of_Guardian, Relationship, PhilSys ID, Occupation, Address, G_City, G_Postal_Code, G_Contact_Number, G_Email_Address})

2NF

STUDENT_INFO(Admission Number, Name, Campus, Program, Sex, Birthday, Birthplace, Religion, Nationality, Permanent_Address, City, Postal_Code, Contact_Number, Email_Address)

SCHOOL_INFO(Admission Number, School ID, Name_of_Previous_School, School_Address, Start, End, Class_Standing)

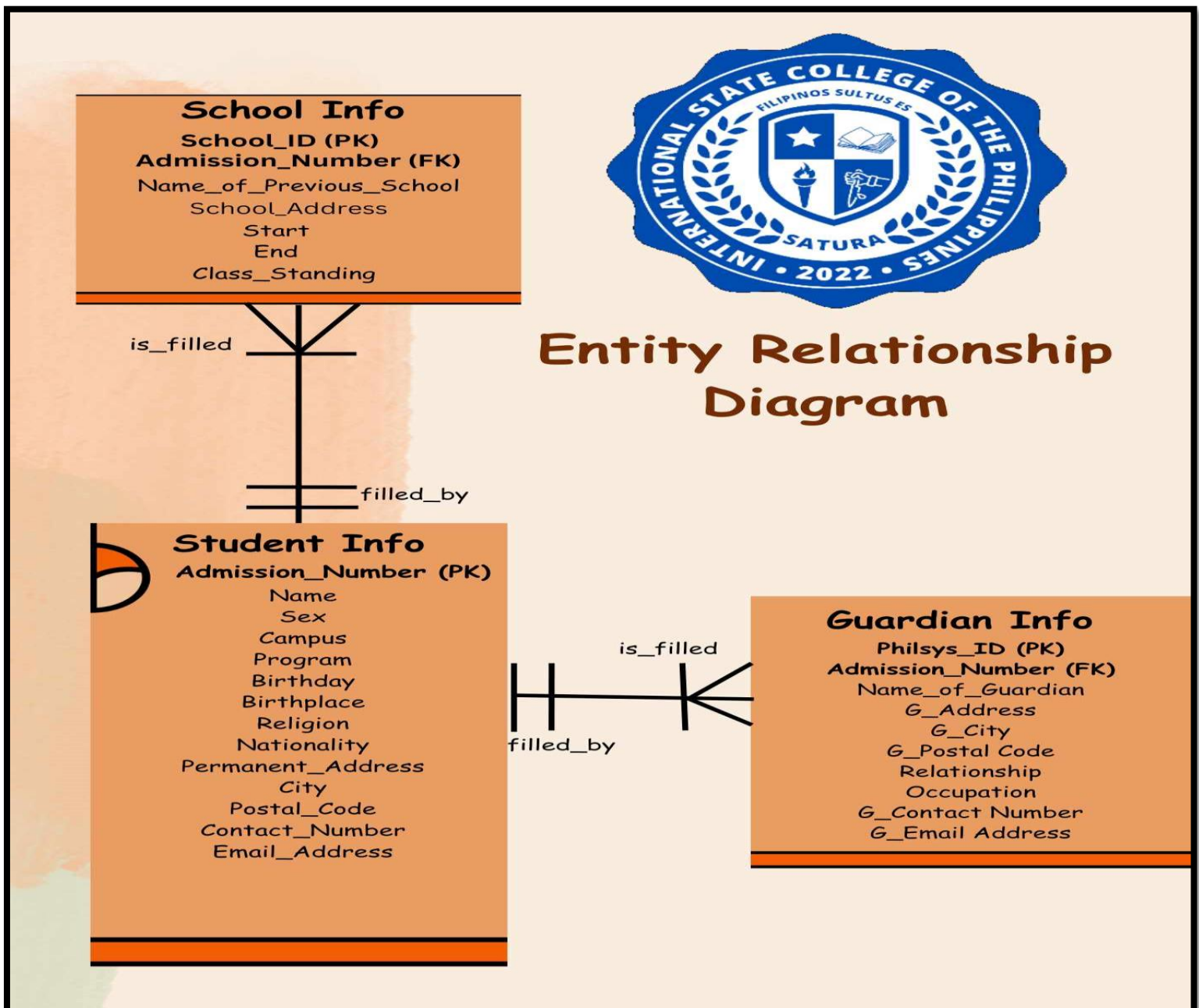
GUARDIAN_INFO(Admission Number, PhilSys ID, Name_of_Guardian, G_Address, Relationship, G_City, Occupation, G_Postal_Code, G_Contact_Number, G_Email_Address)

3NF – No Transitive Dependencies*

ENTITY RELATIONSHIP DIAGRAM (ERD)

Business Rules:

1. A student is identified by its Admission Number. It has a name, sex, campus, program, birthday, birthplace, religion, nationality, permanent address, student's postal code, contact number, and e-mail address. Each student is introduced by their previous school/s which has a School ID as its identifier. Its attributes are the school's name, address, student's starting grade level, student's ending grade level and their class standing. Each school gave information about a student for their admission.
2. A student can have one or many guardians that take care of them. The guardian/s could be the mother, father, or any relative. A guardian has their Philsys ID as their identifier and their attributes include their name, address, city, postal code, relationship to the student, occupation, contact number and email address. The guardian/s are responsible to exactly one student applicant per admission number.



DATA DICTIONARY

STUDENT_INFO						
	Data	Item	Value			
	Name	Type	Length	Format	Allowable Values	Description
Primary Key	Admission_Number	Integer	10			a unique identifier assigned to a student upon admission
	Name	Varchar	30	SN, FN, MI		the full name of the student
	Campus	Varchar	50			the campus where the student is applying from
	Program	Varchar	50			the academic program or course that the student is applying for
	Sex	Char	1		M,F	the biological gender of the student
	Birthday	Date		YY/MM/DD		the date of birth of the student
	Birthplace	Varchar	50			the city, state/province, or country where the student was born
	Religion	Varchar	50			the religious affiliation of the student
	Nationality	Varchar	50			the country of citizenship or nationality of the student
	Permanent_Address	Varchar	99			the permanent address of the student
	City	Varchar	30			the city or locality of the student's current residence
	Postal_Code	Integer	4			the postal code or zip code of the student's current residence
	Contact_Number	Integer	11			the phone number or contact information of the student
	Email_Address	Varchar	50			the email address of the student

Table 1. Student Table

SCHOOL_INFO						
	Data	Item	Value			
	Name	Type	Length	Format	Allowable Values	Description
Foreign Key	Admission_Number	Integer	15			a unique identifier assigned to a student upon admission
Primary Key	School_ID	Integer	10			a unique identifier assigned to the school
	Name_of_Previous_School	Varchar	99			the name of the school or institution the student previously attended
	School_Address	Varchar	90			the address of the previous school or institution where the student is enrolled
	Start	Varchar	20			starting grade level of the student in the said previous school
	End	Varchar	20			ending grade level of the student in the said previous school
	Class_Standing	Varchar	30			award received by the student

Table 2. School Table

GUARDIAN_INFO						
	Data	Item	Value			
	Name	Type	Length	Format	Allowable Values	Description
Foreign Key	Admission_Number	Integer	15			a unique identifier assigned to a student upon admission
	Guardian_Name	Varchar	50	SN, FN, MI		the complete name of the student's legal guardian or parent
	Relationship	Varchar	15			the relationship of the guardian to the student
Primary Key	PhilSys_ID	Integer	13			the Philippine Identification System (PhilSys) ID number of the guardian or
	Occupation	Varchar	30			the occupation or job of the guardian/parent
	Address	Varchar	90			The address of the guardian/parent
	G_Postal_Code	Integer	4			the postal code or zip code of the guardian's current residence
	G_City	Varchar	30			the city or locality of the guardians' current residence
	G_Contact_Number	Integer	11			Contact information of the guardian
	G_Email_Address	Varchar	60			Email address of the guardian

Table 3. Guardian Table

GRAPHICAL USER INTERFACE

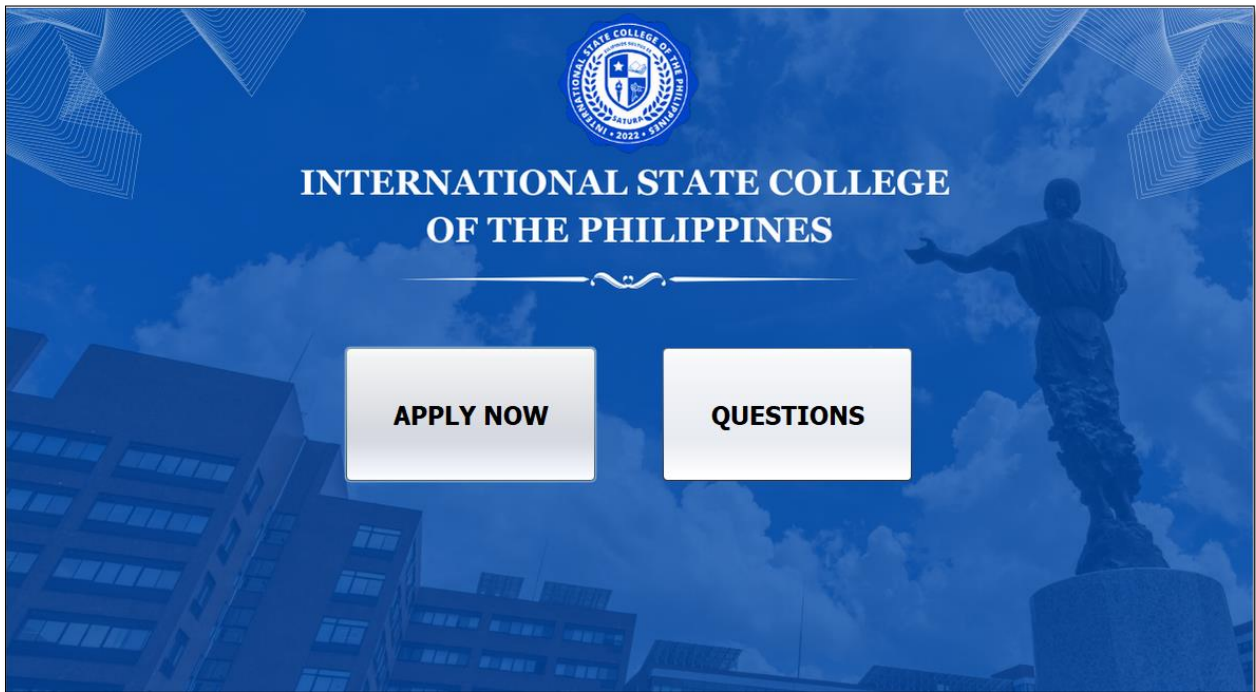


Figure 1. Home Page

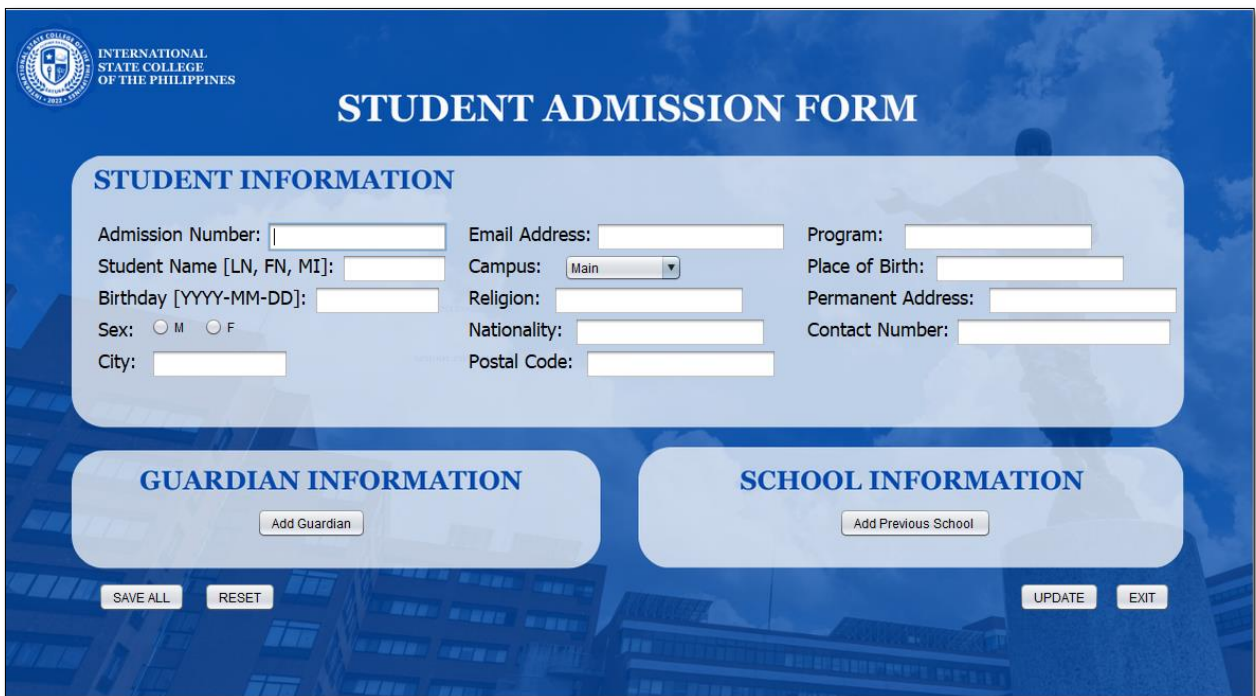
The image shows the "STUDENT ADMISSION FORM" page. It has a blue background with a faint image of a building and a statue. At the top left is the college's logo. To the right of the logo, the college's name is written in white, bold, uppercase letters. Below the name, the title "STUDENT ADMISSION FORM" is written in white, bold, uppercase letters. The form is divided into three main sections: "STUDENT INFORMATION", "GUARDIAN INFORMATION", and "SCHOOL INFORMATION". The "STUDENT INFORMATION" section contains several input fields: "Admission Number:", "Student Name [LN, FN, MI]:", "Birthday [YYYY-MM-DD]:", "Sex:" with radio buttons for "M" and "F", "City:", "Email Address:", "Campus:" with a dropdown menu showing "Main", "Religion:", "Nationality:", "Postal Code:", "Program:", "Place of Birth:", "Permanent Address:", and "Contact Number:". The "GUARDIAN INFORMATION" section has a button labeled "Add Guardian". The "SCHOOL INFORMATION" section has a button labeled "Add Previous School". At the bottom of the form are four buttons: "SAVE ALL", "RESET", "UPDATE", and "EXIT".

Figure 2. Student Admission Start Page

The screenshot shows a web form titled "STUDENT ADMISSION FORM" with a sub-section "PREVIOUS SCHOOL INFORMATION". The form is set against a blue background with a faint image of a building and a statue. The "PREVIOUS SCHOOL INFORMATION" section contains the following fields:

- School ID:
- Name of Previous School:
- School Address:
- Start:
- End:
- Class Standing:

At the bottom of the form, there are two buttons: "SAVE" and "CLOSE".


Figure 3. Previous School Information Page

The screenshot shows a web form titled "STUDENT ADMISSION FORM" with a sub-section "GUARDIAN INFORMATION". The form is set against a blue background with a faint image of a building and a statue. The "GUARDIAN INFORMATION" section contains the following fields:

- PhilSys ID:
- Name of Guardian:
- Relationship:
- Occupation:
- Address:
- City:
- Postal Code:
- Contact Number:
- Email Address:

At the bottom of the form, there are two buttons: "SAVE" and "CLOSE".

Figure 4. Guardian Information Page



UPDATING RECORDS

TABLE OF RECORDS

Admissio...	Name	Campus	Program	Sex	Birthday	Birthplace	Religion	Nationality	Permane...	City	Postal Co...	Contact N...	Em
202301	Cruz, Vito P.	Sun and ...	BSIT	M	2003-02-18	Pasay, Me...	Catholic	Filipino	Blk 9 Lot ...	Las Pinas	1740	09171234...	vito
202301	Cruz, Vito P.	Sun and ...	BSIT	M	2003-02-18	Pasay, Me...	Catholic	Filipino	Blk 9 Lot ...	Las Pinas	1740	09171234...	vito
202301	Cruz, Vito P.	Sun and ...	BSIT	M	2003-02-18	Pasay, Me...	Catholic	Filipino	Blk 9 Lot ...	Las Pinas	1740	09171234...	vito
202302	Marcos, R...	Biringan	BSCS	M	2002-01-01	Magsaysa...	Catholic	Filipino	456 Orchi...	Makati	1200	09269876...	pas
202302	Marcos, R...	Biringan	BSCS	M	2002-01-01	Magsaysa...	Catholic	Filipino	456 Orchi...	Makati	1200	09269876...	pas
202302	Marcos, R...	Biringan	BSCS	M	2002-01-01	Magsaysa...	Catholic	Filipino	456 Orchi...	Makati	1200	09269876...	pas
202303	Mekuto, F...	Main	BSCPE	F	2001-05-23	Tokyo, Ja...	Shinto	Japanese	789 Sunfl...	Pasay	1630	09175555...	fuki
202303	Mekuto, F...	Main	BSCPE	F	2001-05-23	Tokyo, Ja...	Shinto	Japanese	789 Sunfl...	Pasay	1630	09175555...	fuki
202303	Mekuto, F...	Main	BSCPE	F	2001-05-23	Tokyo, Ja...	Shinto	Japanese	789 Sunfl...	Pasay	1630	09175555...	fuki
202304	Im Na-Yeon	Biringan	BSIS	F	1999-07-08	Seoul, So...	Christian	Korean	987 Lily St...	Taguig	1630	09175555...	nay
202304	Im Na-Yeon	Biringan	BSIS	F	1999-07-08	Seoul, So...	Christian	Korean	987 Lily St...	Taguig	1630	09175555...	nay
202304	Im Na-Yeon	Biringan	BSIS	F	1999-07-08	Seoul, So...	Christian	Korean	987 Lily St...	Taguig	1630	09175555...	nay
202305	Pueblos, ...	Main	BSA	M	2002-12-07	Caloocan...	Catholic	Filipino	321 Rose...	Mandaluy...	1550	92511122...	reg
202305	Pueblos, ...	Main	BSA	M	2002-12-07	Caloocan...	Catholic	Filipino	321 Rose...	Mandaluy...	1550	92511122...	reg
202305	Pueblos, ...	Main	BSA	M	2002-12-07	Caloocan...	Catholic	Filipino	321 Rose...	Mandaluy...	1550	92511122...	reg

Admission Number:

Figure 5. Updating and Deleting Record Page 1

STUDENT INFORMATION

Student Name:

Birthday:

Sex: ☐ M ☐ F

City:

Email Address:

Campus:

Religion:

Nationality:

Postal Code:

Program:

Place of Birth:

Permanent Address:

Contact Number:

SCHOOL INFORMATION

School ID:

Name of Previous School:

School Address:

From:

To:

Class Standing:

GUARDIAN INFORMATION

PhilSys ID:

Name of Guardian:

Relationship:

Occupation:

Address:

City:


Postal Code:

Contact Number:

Email Address:

Figure 6. Updating and Deleting Record Page 2

EASY QUESTIONS
AVERAGE QUESTIONS
DIFFICULT QUESTIONS



LEVEL OF DIFFICULTY : EASY

PROBLEM #1

Display all the records of applicants
who are planning to enroll in BSIT and BSCS

SQL CODE:

```

SELECT *
FROM student
WHERE Program = 'BSIT' OR Program = 'BSCS';

```

Admissio...	Name	Campus	Program	Sex	Birthday	Birthplace	Religion	Nationality	Permane...	City
202301	Cruz, Vito P.	Sun and ...	BSIT	M	2003-02-18	Pasay, Me...	Catholic	Filipino	Blk 9 Lot ...	Las Pinas
202302	Marcos, R...	Biringan	BSCS	M	2002-01-01	Magsaysa...	Catholic	Filipino	456 Orchi...	Makati
202306	Sweep, T...	Main	BSCS	F	2002-05-29	Washingt...	Catholic	American	Blk. 34 Lt. ...	Angono
202307	Batumbak...	Sun and ...	BSIT	F	1999-05-09	Tondo, M...	Christian	Filipino	8990 Urb...	Tondo
202311	Vun, Mich...	Main	BSIT	F	2001-10-25	Monteallie...	Catholic	French	Mla_1550...	Manila

DISPLAY TABLE

Figure 7. Easy Problem #1

PROBLEM #2

Display the name, campus, and email address of male applicants
who are planning to enroll in BSIT

SQL CODE:

```

SELECT Name, Campus, Email_Address
FROM student
WHERE Program = 'BSIT' AND Sex = 'M';

```

Name	Campus	Email_Ad...
Cruz, Vito P.	Sun and ...	vitocruz@...
Cruz, Zenr...	Biringan	CruzZenr...

DISPLAY TABLE

Figure 8. Easy Problem #2

PROBLEM #3

Display applicant's name, program, address, and birthplace of those applicants who chose computer related courses as their program choice. Sort them according to their program in ascending order

SQL CODE:

```
SELECT Name, Program, Permanent_Address, Birthplace
FROM student
WHERE Program = 'BSIT' OR Program = 'BSCS'
OR Program = 'BSCPE'
ORDER BY 2;
```

Name	Program	Address	Birthplace
Mekuto, F...	BSCPE	Tokyo, Ja...	789 Sunf
Marcos, R...	BSCS	Magsaysa...	456 Orch
Sweep, T...	BSCS	Washingt...	Blk. 34 Lt
Tan, John	BSCS	San Anton	2 Aguilar

DISPLAY TABLE

Figure 9. Easy Problem #3

PROBLEM #4

Display the name , relationship, and occupation of the guardian who lives in Metro Manila

SQL CODE:

```
SELECT Guardian_Name, Relationship, Occupation
FROM guardian
WHERE Address LIKE '%Manila%'
OR Address LIKE '%Maynila%';
```

Name	Relations...	Occupati...
Yoo Chan...	Grandfather	Construc
Cruz, Ros...	Mother	Doctor
Daguban,...	Mother	Nurse
Mateo, J...	Brother in	Coverage

DISPLAY TABLE

Figure 10. Easy Problem #4

PROBLEM #5

Display the name of school and school id of those previous school that has "high school" in its name

SQL CODE:


```
SELECT Name_of_Previous_School, School_ID
FROM school
WHERE Name_of_Previous_School LIKE '%High School%';
```

Name_Of...	School_I
202312	Ateneo d
305364	Pasay Ci
305393	Mandalu
205406	Makati Li

DISPLAY TABLE

Figure 11. Easy Problem #5

EASY QUESTIONS AVERAGE QUESTIONS DIFFICULT QUESTIONS



LEVEL OF DIFFICULTY : AVERAGE

PROBLEM #1

Count how many applicants chose BSA as their program by campus.
Do not include those student who are not filipino.

SQL CODE:

```
SELECT Campus, COUNT(*) AS 'Number of BSA students'
FROM student
WHERE Nationality = 'Filipino' AND Program = 'BSA'
GROUP BY Campus;
```

Campus	Number...
Main	2
Sun and ...	1

DISPLAY TABLE

Figure 12. Average Problem #1

PROBLEM #2

Display the number of guardians who are working by city.

SQL CODE:

```
SELECT G_City, COUNT(*) AS 'Number of Guardians'  
FROM guardian  
WHERE Occupation NOT LIKE '%None%'  
GROUP BY G_City;
```

G_City	Number_
Taguig	1
Binangon...	2
Las Pinas	2

DISPLAY TABLE

Figure 13. Average Problem #2

PROBLEM #3

Display the number of applicants per campus by nationality.
Arrange them according to their campus.

SQL CODE:

```
SELECT Nationality, Campus, COUNT(*) AS 'Total Applicants'  
FROM student  
GROUP BY Nationality, Campus  
ORDER BY 2;
```

Nationality	Campus	Total_Appl
Filipino	Biringan	3
Korean	Biringan	1
Canadian	Biringan	1

DISPLAY TABLE

Figure 14. Average Problem #3

PROBLEM #4

Count how many applicants who received an academic award on his/her previous school by school id

SQL CODE:

```
SELECT School_ID, COUNT(*) AS TOTAL
FROM school
WHERE Class_Standing LIKE '%Honor%'
GROUP BY School_ID;
```

School_ID	Total
140551	1
1406760	1
1406837	1

DISPLAY TABLE

Figure 15. Average Problem #4

PROBLEM #5

Count how many applicants are born in the month of January, February, March, October, and December and his/her postal code starts with 1 and ends with 0. Sort them according to their birthday in descending order

SQL CODE:

```
SELECT month(Birthday) as Birthmonth, Postal_Code, COUNT(*) AS Total
FROM student
WHERE (month(Birthday) = 1 OR month(Birthday) = 12 OR month(Birthday) = 10
OR month(Birthday) = 2 OR month(Birthday) = 3)
AND Postal_Code LIKE '1%0'
GROUP BY Birthday, Postal_Code
ORDER BY 1 DESC;
```

Birthmonth	Postal Co...	To
12	1550	1
10	1940	1
2	1740	1

DISPLAY TABLE

Figure 16. Average Problem #5



LEVEL OF DIFFICULTY : DIFFICULT

PROBLEM #1

Display the admission number and student name of those applicants who is born in the year 2002. Include the guardian name and name of the previous school

SQL CODE:

```
SELECT s.Admission_Number, s.Name, s.Birthday, g.Guardian_Name,
       sc.Name_of_Previous_School
FROM student AS s, guardian AS g, school AS sc
WHERE s.Admission_Number = g.Admission_Number AND
      s.Admission_Number = sc.Admission_Number AND s.Birthday
      LIKE '%2002%';
```

Admissio...	Name	Birthday	Guardian...	Name_of
202302	Marcos, R...	2002-01-01	Imelda C. ...	Agro-Indu
202302	Marcos, R...	2002-01-01	Imelda C. ...	Acacia N
202302	Marcos, R...	2002-01-01	Marcos, B...	Agro-Indu
202302	Marcos, R...	2002-01-01	Marcos, B...	Acacia N

DISPLAY TABLE

Figure 17. Difficult Problem #1

PROBLEM #2

Display all the student name and address of those applicants who are planning to enroll in BSIT program. Select only those who are living in Manila . Also include their previous school

SQL CODE:

```
SELECT s.Name, s.Permanent_Address, sch.Name_of_Previous_School AS
       P revious_School
FROM student AS s, school AS sch
WHERE s.Admission_Number = sch.Admission_Number AND s.Program = 'BSIT'
      AND s.Permanent_Address LIKE '%Manila%';
```

Name	Permane...	Name_O
Cruz, Vito P.	Blk 9 Lot ...	Pasay Ci
Cruz, Vito P.	Blk 9 Lot ...	Pasay Ci
Batumbak...	8990 Urb...	Living An
Batumbak...	8990 Urb...	Living An

DISPLAY TABLE

Figure 18. Difficult Problem #2

PROBLEM #3

Display the student admission number and name of those who are not a Filipino citizen but living in Manila. Include their guardian philsys id, name, relationship, and contact number

SQL CODE:

```
SELECT s.Admission_Number, s.Name, s.Permanent_Address,
s.Nationality, g.Philsys_ID, g.Guardian_Name, g.Relationship,
g.G_Contact_Number
FROM student AS s, guardian AS g
WHERE s.Admission_Number = g.Admission_Number
AND s.Nationality <> 'Filipino' AND s.Permanent_Address
LIKE '%Manila%';
```

Admissio...	Name	Permane...	Nationality	Philsys_ID	Guardian...	Relations...	G_Conta
202303	Mekuto, F...	789 Sunfl...	Japanese	77777777...	Mekuto, P...	Aunt	0932444
202303	Mekuto, F...	789 Sunfl...	Japanese	88888888...	Mekuto, U...	Father	0925111
202304	Im Na-Yeon	987 Lily St...	Korean	11111111...	Yoo Chan...	Grandfather	0947777
202304	Im Na-Yeon	987 Lily St...	Korean	65432100	Choon Se...	Grandmat...	0922999

DISPLAY TABLE

Figure 19. Difficult Problem #3

PROBLEM #4

Display the admission number and name of those student applicants who chose Sun and Moon and Biringan Campus as their campus choice, and living outside Manila. Include their previous school from grade 11 to 12. Also, include their guardian name and relationship to it

SQL CODE:

```
SELECT s.Admission_Number, s.Name, s.Campus, s.Permanent_Address,
sch.Name_of_Previous_School AS Previous_School, g.Guardian_Name,
g.Relationship
FROM student AS s, school AS sch, guardian AS g
WHERE s.Admission_Number = sch.Admission_Number
AND s.Admission_Number = g.Admission_Number
AND s.Campus IN ('Sun and Moon', 'Biringan')
AND s.Permanent_Address NOT LIKE '%Manila%' AND sch.Start = 'Grade 11'
AND sch.End = 'Grade 12';
```

Admissio...	Name	Campus	Permane...	Name_Of...	Guardian...	Relations
202312	Daguban...	Sun and ...	18b Tamp...	Ateneo de...	Daguban...	Mother
202312	Daguban...	Sun and ...	18b Tamp...	Ateneo de...	Daguban...	Father
202308	Bravo, Jo...	Sun and ...	111 G. De...	Balluag U...	Flower, T...	Aunt
202308	Bravo, Jo...	Sun and ...	111 G. De...	Balluag U...	Bravo, Alb...	Father

DISPLAY TABLE

Figure 20. Difficult Problem #4

PROBLEM #5

Display only those student that has previous school id starting with number "3". Display also the school address, school name, and their class standing

SQL CODE:

```
SELECT Student.Name, school.School_ID,  
       school.Name_of_Previous_School AS School_Name,  
       school.School_Address AS School_Address,  
       school.Class_Standing  
FROM student, school  
WHERE student.Admission_Number = school.Admission_Number  
AND school.School_ID LIKE '3%';
```

Student_...	School_ID	Name_of...	School_A...	Class_St
Cruz, Vito P.	305364	Pasay Cit...	Tramo St...	None
Im Na-Yeon	305393	Mandaluy...	Aglipay St...	With High
Pueblos, ...	305406	Makati Hi...	Gen. Lun...	With High
Marcos, R.	305407	Alabang Na...	Alabang R...	With High

DISPLAY TABLE

Figure 21. Difficult Problem #5

SQL CODES

I. EASY

Problem Statement #1. Display the record of applicants who are planning to enroll in BSIT and BSCS.

```
SELECT *  
FROM student  
WHERE Program = 'BSIT' OR Program = 'BSCS';
```

	Admission_Number	Name	Campus	Program	Sex	Birthday	Birthplace	Religion	Nationality	Permanent_Address	City	Postal_Code	Contact_Number	Email_Address
▶	202301	Cruz, Vito P.	Sun and Moon	BSIT	M	2003-02-18	Pasay, Metro...	Catholic	Filipino	Blk 9 Lot 2 Madrigal ...	Las Pinas	1740	09171234567	vitocruz@gmail.com
	202302	Marcos, Rodrigo C.	Biringan	BSCS	M	2002-01-01	Magsaysay, ...	Catholic	Filipino	456 Orchid Avenue, ...	Makati	1200	09269876543	pasista@gmail.com
	202306	Sweep, Taylor A.	Main	BSCS	F	2002-05-29	Washington, ...	Catholic	American	Blk. 34 Lt. 9 Springda...	Angono	1920	09214435435	speaknow@gmail.com
	202307	Batumbakal, Hayley B.	Sun and Moon	BSIT	F	1999-05-09	Tondo, Manila	Christian	Filipino	8990 Urban Deca Ho...	Tondo	1012	09228348382	theonlyexcmpted@gmail.com
	202311	Vun, Michelle P.	Main	BSIT	F	2001-10-25	Montpellier, F...	Catholic	French	Mla, 1550 Remigio St...	Manila	1003	09502822745	Michelle@gmail.com
	202314	Tan, Johndee P.	Main	BSCS	M	2000-06-12	San Antonio	Catholic	American	2 Aguilar, Project 7, ...	Quezon	1105	09986491154	TanJohndoe@gmail.com
	202315	Cruz, Zenro P.	Biringan	BSIT	M	1998-12-11	Bucaue, Bula...	Catholic	Filipino	427A Mlaflor Subdivi...	Bulacan	3016	09635584492	CruzZenro@gmail.com
•	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Problem Statement #2. Display the name, campus, and email address of male applicants who are planning to enroll in BSIT.

```
SELECT Name, Campus, Email_Address  
FROM student  
WHERE Program = 'BSIT' AND Sex = 'M';
```

	Name	Campus	Email_Address
▶	Cruz, Vito P.	Sun and Moon	vitocruz@gmail.com
	Cruz, Zenro P.	Biringan	CruzZenro@gmail.com

Problem Statement #3. Display applicant's name, program, address, and birthplace of those applicants who chose computer related courses as their program choice. Sort them according to their program in ascending order.

```
SELECT Name, Program, Permanent_Address, Birthplace
FROM student
WHERE Program = 'BSIT' OR Program = 'BSCS' OR Program = 'BSCPE'
ORDER BY 2;
```

	Name	Program	Permanent_Address	Birthplace
▶	Mekuto, Fukimo	BSCPE	789 Sunflower Street, Pasay City, Metro Manila	Tokyo, Japan
	Marcos, Rodrigo C.	BSCS	456 Orchid Avenue, Makati City, Metro Manila	Magsaysay, Davao City
	Sweep, Taylor A.	BSCS	Blk. 34 Lt. 9 Springdale Subd. Brgy. Dalig Angon...	Washington, D.C.
	Tan, Johndee P.	BSCS	2 Aguilar, Project 7, Quezon City, Metro Manila	San Antonio
	Cruz, Vito P.	BSIT	Blk 9 Lot 2 Madrigal Compound, Brgy. Ilaya, La...	Pasay, Metro Manila
	Batumbakal, Hayley B.	BSIT	8990 Urban Deca Homes Velasquez Tondo, Manila	Tondo, Manila
	Vun, Michelle P.	BSIT	Mla, 1550 Remigio St, Santa Cruz, Manila	Montpellier, France
	Cruz, Zenro P.	BSIT	427A Milafior Subdivision, Balagtas	Bucaue, Bulacan

Problem Statement #4. Display the name, relationship, and occupation of the guardian who lives in Metro Manila.

```
SELECT Guardian_Name, Relationship, Occupation
FROM guardian
WHERE Address LIKE '%Manila%' OR Address LIKE '%Maynila%';
```

	Guardian_Name	Relationship	Occupation
▶	Cruz, Rose P.	Mother	Doctor
	Cruz, Albert C.	Father	Civil Engineer
	Marcos, Imelda C.	Mother	Accountant
	Marcos, Bobo M.	Uncle	Programmer
	Mekuto, Paako	Aunt	Nurse
	Mekuto, Uloko	Father	Police Officer
	Yoo Chang-joon	Grandfather	Construction Worker
	Cheon Se-ah	Grandmother	None
	Pueblos, Leigh N.	Mother	Business Woman
	Pueblos, Editha T.	Grandmother	None
	Vun, Tyron P.	Father	CEO
	Vun, Drake F.	Grandfather	Share Holder
	Daguban, Nataly J.	Mother	Nurse
	Daguban, Michael...	Father	Programmer
	Wolkzbin, Alodia C.	Aunt	CEO
	Zamora, Felipe I.	Father	Firefighter
	Tan, Kevin P.	Brother	Mechanic
	Tan, Jacob P.	Father	Racer
	Mateo, Jutsuga C.	Brother in Law	Governor

Problem Statement #5. Display the name of school and school id of those previous school that has "high school" in its name.

```
SELECT Name_of_Previous_School, School_ID
FROM school
WHERE Name_of_Previous_School LIKE '%High School%';
```

	Name_of_Previous_School	School_ID
▶	Pasay City National High School	305364
	Mandaluyong High School	305393
	Makati High School	305406
	Acacia National High School	305497
	Camarines Norte Chung Hua High School Foundation, Inc.	403633
	Ateneo De Davao University-Senior High School	405512
	Ateneo de Davao University-Senior High School	409956
	Bicol University College of Education Integrated Laboratory School - High School Department	600058

II. AVERAGE

Problem Statement #1. Count how many applicants chose BSA as their program by Campus. Do not include those students who are not Filipino.

```
SELECT Campus, COUNT(*) AS 'Number of BSA students'
FROM student
WHERE Nationality = 'Filipino' AND Program = 'BSA'
GROUP BY Campus;
```

	Campus	Number of BSA students
▶	Main	2
	Sun and Moon	1

Problem Statement #2. Display the number of guardians who are working by city.

```
SELECT G_City, COUNT(*) AS 'Number of Guardians'
FROM guardian
WHERE Occupation NOT LIKE '%None%'
GROUP BY G_City;
```

	G_City	Number of Guardians
►	Las Pinas	2
	Makati	6
	Pasay	2
	Taguig	1
	Mandaluyong	1
	Angono	1
	Bustos	1
	Virac	1
	Sariaya	1
	San Luis	1
	Baliuag	2
	Binangonan	2
	Manila	2
	Malabon	1
	Quezon	2
	Bulacan	1

Problem Statement #3. Display the number of applicants per campus by Nationality. Arrange them according to their campus.

```
SELECT Nationality, Campus, COUNT(*) AS 'Total Applicants'
FROM student
GROUP BY Nationality, Campus
ORDER BY 2;
```

	Nationality	Campus	Total Applicants
►	Filipino	Biringan	3
	Korean	Biringan	1
	Canadian	Biringan	1
	Japanese	Main	1
	Filipino	Main	2
	American	Main	2
	French	Main	1
	Filipino	Sun and Moon	3
	American	Sun and Moon	1

Problem Statement #4. Count how many applicants who received an academic award in his/her previous school by school id.

```
SELECT School_ID, COUNT(*) AS TOTAL
FROM school
WHERE Class_Standing LIKE '%Honor%'
GROUP BY School_ID;
```

	School_ID	TOTAL
►	1405510	1
	1406760	1
	1406837	1
	1407242	1
	305393	1
	305406	1
	305497	1
	400669	1
	400678	1
	400690	1
	400942	4
	403633	1
	406668	1
	407829	1
	409956	1
	410669	1
	411669	1
	416360	1
	488070	1

Problem Statement #5. Count how many student applicants are born in the month of January, February, March, October and December and his/her postal code starts with 1 and ends with 0. Sort them according to their birthday in descending order.

```
SELECT month(Birthday) AS Birthmonth, Postal_Code, COUNT(*) AS
Total
FROM student
WHERE (month(Birthday) = 1 OR month(Birthday) = 12 OR
month(Birthday) = 10 OR month(Birthday) = 2 OR
month(Birthday) = 3) AND Postal_Code LIKE '1%0'
GROUP BY Birthday, Postal_Code
ORDER BY 1 DESC;
```

	Birthmonth	Postal_Code	Total
►	12	1550	1
	10	1940	1
	2	1740	1
	1	1200	1

III. DIFFICULT

Problem Statement #1. Display the admission number and student name of those applicants who is born on the year 2002. Include the guardian name and name of the previous school.

```
SELECT s.Admission_Number, s.Name, s.Birthday, g.Guardian_Name,
       sc.Name_of_Previous_School
FROM student AS s, guardian AS g, school AS sc
WHERE s.Admission_Number = g.Admission_Number AND
      s.Admission_Number = sc.Admission_Number AND s.Birthday
      LIKE '%2002%';
```

	Admission_Number	Name	Birthday	Guardian_Name	Name_of_Previous_School
►	202302	Marcos, Rodrigo C.	2002-01-01	Marcos, Imelda C.	Agro-Industrial Foundation College of the Philippines, Inc.
	202302	Marcos, Rodrigo C.	2002-01-01	Marcos, Imelda C.	Acacia National High School
	202302	Marcos, Rodrigo C.	2002-01-01	Marcos, Bobo M.	Agro-Industrial Foundation College of the Philippines, Inc.
	202302	Marcos, Rodrigo C.	2002-01-01	Marcos, Bobo M.	Acacia National High School
	202305	Pueblos, Regienald N.	2002-12-07	Pueblos, Leigh N.	Don Bosco Technical Institute of Makati, Inc.
	202305	Pueblos, Regienald N.	2002-12-07	Pueblos, Leigh N.	Makati High School
	202305	Pueblos, Regienald N.	2002-12-07	Pueblos, Editha T.	Don Bosco Technical Institute of Makati, Inc.
	202305	Pueblos, Regienald N.	2002-12-07	Pueblos, Editha T.	Makati High School
	202306	Sweep, Taylor A.	2002-05-29	Sweep, Troy C.	Marian College Baliuag
	202306	Sweep, Taylor A.	2002-05-29	Sweep, Troy C.	Our Lady Of Fatima
	202306	Sweep, Taylor A.	2002-05-29	Sweep, Megan A.	Marian College Baliuag
	202306	Sweep, Taylor A.	2002-05-29	Sweep, Megan A.	Our Lady Of Fatima
	202312	Daguban, Vincent J.	2002-01-09	Daguban, Nataly J.	AMA Computer College-Davao
	202312	Daguban, Vincent J.	2002-01-09	Daguban, Nataly J.	Ateneo de Davao University-Senior High School
	202312	Daguban, Vincent J.	2002-01-09	Daguban, Michae...	AMA Computer College-Davao
	202312	Daguban, Vincent J.	2002-01-09	Daguban, Michae...	Ateneo de Davao University-Senior High School

Problem Statement #2. Display all student name and address of those applicants who are planning to enroll in BSIT program. Select only those who are living in Manila. Also include their previous school.

```
SELECT s.Name, s.Permanent_Address, sch.Name_of_Previous_School
       AS Previous_School
FROM student AS s, school AS sch
WHERE s.Admission_Number = sch.Admission_Number AND
      s.Program = 'BSIT' AND s.Permanent_Address LIKE '%Manila%'
```

	Name	Permanent_Address	Previous_School
►	Cruz, Vito P.	Blk 9 Lot 2 Madrigal Compound, Brgy. Ilaya, Las Pinas, Metro Manila	Pasay City National High School
	Cruz, Vito P.	Blk 9 Lot 2 Madrigal Compound, Brgy. Ilaya, Las Pinas, Metro Manila	Pasay City Academy
	Batumbakal, Hayley B.	8990 Urban Deca Homes Velasquez Tondo, Manila	Living Angels Academy Baliuag
	Batumbakal, Hayley B.	8990 Urban Deca Homes Velasquez Tondo, Manila	University of Sto. Tomas
	Vun, Michelle P.	Mla, 1550 Remigio St, Santa Cruz, Manila	ABE International Business College Inc-Caloocan Campus
	Vun, Michelle P.	Mla, 1550 Remigio St, Santa Cruz, Manila	Bicol University College of Education Integrated Laboratory School - High School Department

Problem Statement #3. Display student admission number and name who is not a Filipino citizen but living in Manila. Include their guardian philsys id, name, relationship, and contact number.

```
SELECT s.Admission_Number, s.Name, s.Permanent_Address,
       s.Nationality, g.Philsys_ID, g.Guardian_Name, g.Relationship,
       g.G_Contact_Number
FROM student AS s, guardian AS g
WHERE s.Admission_Number = g.Admission_Number AND
      s.Nationality <> 'Filipino' AND s.Permanent_Address
      LIKE '%Manila%';
```

	Admission_Number	Name	Permanent_Address	Nationality	Philsys_ID	Guardian_Name	Relationship	G_Contact_Number
▶	202303	Mekuto, Fukimo	789 Sunflower Street, Pasay City, Metro Manila	Japanese	77777777000	Mekuto, Paako	Aunt	09324443333
	202303	Mekuto, Fukimo	789 Sunflower Street, Pasay City, Metro Manila	Japanese	88888888000	Mekuto, Uloko	Father	09251112222
	202304	Im Na-Yeon	987 Lily Street, Taguig City, Metro Manila	Korean	1111111111111	Yoo Chang-joon	Grandfather	09477778888
	202304	Im Na-Yeon	987 Lily Street, Taguig City, Metro Manila	Korean	654321098000	Cheon Se-ah	Grandmother	09338889999
	202311	Vun, Michelle P.	Mla, 1550 Remigio St, Santa Cruz, Manila	French	134566299157	Vun, Tyron P.	Father	09461246695
	202311	Vun, Michelle P.	Mla, 1550 Remigio St, Santa Cruz, Manila	French	134672594325	Vun, Drake F.	Grandfather	09542643349
	202314	Tan, Johndee P.	2 Aguilar, Project 7, Quezon City, Metro Manila	American	332145692563	Tan, Kevin P.	cousin	09111238569
	202314	Tan, Johndee P.	2 Aguilar, Project 7, Quezon City, Metro Manila	American	654123987519	Tan, Jacob P.	Father	09888569632

Problem Statement #4. Display the admission number and name of those student applicants who chose Sun and Moon and Biringan campus as their campus choice and living outside Manila. Include their previous school from grade 11 to 12. Also, include their guardian name and relationship to it.

```
SELECT s.Admission_Number, s.Name, s.Campus,
       s.Permanent_Address, sch.Name_of_Previous_School AS
       Previous_School, g.Guardian_Name, g.Relationship
FROM student AS s, school AS sch, guardian AS g
WHERE s.Admission_Number = sch.Admission_Number AND
      s.Admission_Number = g.Admission_Number AND s.Campus
      IN ('Sun and Moon', 'Biringan') AND s.Permanent_Address
      NOT LIKE '%Manila%' AND sch.Start = 'Grade 11' AND
      sch.End = 'Grade 12'
```

	Admission_Number	Name	Campus	Permanent_Address	Previous_School	Guardian_Name	Relationship
▶	202308	Bravo, Johny B.	Sun and Moon	111 G. Del Pilar Street Catulinan San Luis Pampanga	Baliuag University	Flower, Toni A.	Aunt
	202308	Bravo, Johny B.	Sun and Moon	111 G. Del Pilar Street Catulinan San Luis Pampanga	Baliuag University	Bravo, Alberto A.	Father
	202310	North, Norberto P.	Biringan	Blk. 31 Lt. 10 Tulip Street Mahabang Parang Binangonan, Rizal	Colegio de San Juan de Letran	North, Maui Y.	Father
	202310	North, Norberto P.	Biringan	Blk. 31 Lt. 10 Tulip Street Mahabang Parang Binangonan, Rizal	Colegio de San Juan de Letran	North, Moana A.	Mother
	202312	Daguban, Vincent J.	Sun and Moon	18b Tampingo, Village, Makati, Kalakhang Maynila	Ateneo de Davao University-Senior High School	Daguban, Nataly J.	Mother
	202312	Daguban, Vincent J.	Sun and Moon	18b Tampingo, Village, Makati, Kalakhang Maynila	Ateneo de Davao University-Senior High School	Daguban, Michael J.	Father
	202315	Cruz, Zenro P.	Biringan	427A Mlaflor Subdivision, Balagtas	ABE International Business College Inc-Caloocan Campus	Mateo, Jutsuga C.	Brother in Law
	202315	Cruz, Zenro P.	Biringan	427A Mlaflor Subdivision, Balagtas	ABE International Business College Inc-Caloocan Campus	Cruz, Caton C.	Father

Problem Statement #5. Display only those student that has previous school id starting with number 3. Also display the school address, school name, and their class standing.

```
SELECT Student.Name, school.School_ID,
       school.Name_of_Previous_School AS School_Name,
       school.School_Address AS School_Address,
       school.Class_Standing
FROM student, school
WHERE student.Admission_Number = school.Admission_Number AND
       school.School_ID LIKE '3%'
```

	Name	School_ID	School_Name	School_Address	Class_Standing
▶	Cruz, Vito P.	305364	Pasay City National High School	Tramo St., Pasay City	None
	Marcos, Rodrigo C.	305497	Acacia National High School	Acacia, Buhangin District, Davao City	With High Honors
	Im Na-Yeon	305393	Mandaluyong High School	Aglipay St., Mandaluyong City	With Highest Honors
	Pueblos, Regienald N.	305406	Makati High School	Gen. Luna Street, Makati City	With High Honors

APPENDIX A

DATA INPUT

Test Data ☆ 📁 ☰
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	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Admission_Number	Name	Campus	Program	Sex	Birthday	Birthplace	Religion	Nationality	Permanent_Address	City	Postal_Code	Contact_Number	Email_Address
2	202301	Cruz, Vito P.	Sun and Moon	BSIT	M	2003-02-18	Pasay, Metro Manila	Catholic	Filipino	Blk 9 Lot 2 Madrigal Compound, Brgy. Ilaya, Las Pinas, Metro Manila	Las Pinas	1740	9171234567	vitorcuz@gmail.com
3	202302	Marcos, Rodrigo C.	Birangan	BSCS	M	2002-01-01	Magsaysay, Davao City	Catholic	Filipino	458 Orchid Avenue, Makati City, Metro Manila	Makati	1200	9269876543	pasista@gmail.com
4	202303	Mekuto, Fukimo	Main	BSCPE	F	2001-05-23	Tokyo, Japan	Shinto	Japanese	789 Sunflower Street, Pasay City, Metro Manila	Pasay	1709	9358765432	fukikomekuto@gmail.com
5	202304	Im Na-Yeon	Birangan	BSIS	F	1999-07-08	Seoul, South Korea	Christian	Korean	987 Lily Street, Taguig City, Metro Manila	Taguig	1630	9175555555	nayeontwice@gmail.com
6	202305	Pueblos, Reginald N.	Main	BSA	M	2002-12-7	Caloocan, Metro Manila	Catholic	Filipino	321 Rose Street, Mandaluyong City, Metro Manila	Mandaluyong	1550	9251112222	regiepogi123@gmail.com
7	202306	Sweep, Taylor A.	Main	BSCS	F	2002-05-29	Washington, D.C.	Catholic	American	Blk. 34 Lt. 9 Springdale Subd. Brgy. Dalig Angono, Rizal	Angono	1920	9214435435	speaknow@gmail.com
8	202307	Batumbakal, Hayley B.	Sun and Moon	BSIT	F	1999-05-09	Tondo, Manila	Christian	Filipino	8990 Urban Deca Homes Velasquez Tondo, Manila	Tondo	1012	9228348382	theonlyexcempted@gmail.com
9	202308	Bravo, Johnny B.	Sun and Moon	BSCF	M	2001-12-25	San Francisco	Muslim	American	111 G. Del Pilar Street Catulinan San Luis Pampanga	San Luis	2014	9392839484	bravogwapto@gmail.com
10	202309	Tikman, Benjamin T.	Birangan	BSEE	M	2004-07-24	Baliuag, Bulacan	Catholic	Filipino	103 A. Mabini St. Sabang Baliuag Bulacan	Baliuag	3006	9374838594	Alvestitikmanbenjamin@gmail.com
11	202310	North, Norberto P.	Birangan	BSTM	M	2003-10-17	Toronto, Canada	Muslim	Canadian	Blk. 31 Lt.10 Tulip Street Mahabang Parang Binangonan, Rizal	Binangonan	1940	9168389404	hihamps@gmail.com
12	202311	Vun, Michelle P.	Main	BSIT	F	2001-10-25	Montpellier, France	Catholic	French	Mla, 1550 Remigio St. Santa Cruz, Manila	Manila	1003	9502822745	MichelleP@gmail.com
13	202312	Daguban, Vincent J.	Sun and Moon	BSA	M	2002-01-09	Barangay Blumentrit, Bacolod	Catholic	Filipino	18b Tampingco, Village, Makati, Kalakhang Maynila	Makati	1209	9045594682	DagubanVincent@gmail.com
14	202313	Zamora, Kyle I.	Main	BSA	F	2001-05-29	Tunsuya, Malabon	Catholic	Filipino	Lot C-4 Letre Rd., Gozon Commercial Complex, Tonsuya, Malabon, Metro Manila	Malabon	1473	9986493314	Zamora123@gmail.com
15	202314	Tan, Johndee P.	Main	BSCS	M	2000-06-12	San Antonio	Catholic	American	2 Aguilar, Project 7, Quezon City, Metro Manila	Quezon	1105	9986491154	TanJohndee@gmail.com
16	202315	Cruz, Zenro P.	Birangan	BSIT	M	1998-12-11	Bucane, Bulacan	Catholic	Filipino	427A Milaford Subdivision, Balagtas	Bulacan	3016	9635584492	CruzZenro@gmail.com

Table 4. Student Data

	A	B	C	D	E	F	G
1	Admission_Number	School_ID	Name_of_Previous_School	School_Address	Start	End	Class_Standing
2	202301	406668	Passay City Academy	Gil Puyat St., Passay City	Grade 7	Grade 10	With Honors
3	202301	305364	Passay City National High School	Tramo St., Passay City	Grade 11	Grade 12	None
4	202302	305497	Acacia National High School	Acacia, Buhangin District, Davao City	Grade 7	Grade 10	With High Honors
5	202302	1405510	Agro-Industrial Foundation College of the Philippines, Inc.	Bolton Riverside, Ecoland, Matina, Davao City	Grade 11	Grade 12	With High Honors
6	202303	488070	Good Shepherd of Taguig Colleges Inc.	Block 26, Lot 26, Villa Street P-3, Taguig City	Grade 7	Grade 10	With Honors
7	202303	1407242	Academia de San Bartolome de Taguig	Mariano Santos St., Tuktukan, Taguig City	Graded 11	Grade 12	With Honors
8	202304	1406760	Lourdes School of Mandaluyong	Shaw Boulevard, Greenhills, Mandaluyong City	Grade 7	Grade 10	With High Honors
9	202304	305393	Mandaluyong High School	Aglipay St., Mandaluyong City	Grade 11	Grade 12	With Highest Honors
10	202305	305406	Makati High School	Gen. Luna Street, Makati City	Grade 7	Grade 10	With High Honors
11	202305	1406837	Don Bosco Technical Institute of Makati, Inc.	Chino Roces Avenue, Makati City	Grade 11	Grade 12	With High Honors
12	202306	411669	Our Lady Of Fatima	Mc Arthur Highway Valenzuela, Metro Manila	Grade 11	Grade 12	With Highest Honor
13	202306	400679	Marian College Baliuag	918 Gil Carlos St. Baliuag, Bulacan	Grade 7	Grade 10	None
14	202307	400678	Living Angels Academy Baliuag	P. Deguzman St. Baliuag, Bulacan	Grade 11	Grade 12	None
15	202307	410669	University of Sto. Tomas	Espana Blvd. Sampaloc, Metro Manila	Grade 7	Grade 10	With Honors
16	202308	400669	Baliuag University	Gil Carlos St. Baliuag, Bulacan	Grade 11	grade 12	With Highest Honor
17	202308	400678	Living Angels Academy Baliuag	P. Deguzman St. Baliuag, Bulacan	Grade 7	Grade 10	With Honors
18	202309	400690	St. Mary's College	R.E. Chico St. Baliuag, Bulacan	Grade 11	Grade 12	With Honors
19	202309	416360	Technological Institute of the Philippines	Quiapo, Manila	Grade 7	Grade 10	With Highest Honor
20	202310	416360	Colegio de San Juan de Letran	Muralla St. Intramuros, Manila	Grade 11	Grade 12	None
21	202310	400679	Marian College Baliuag	918 Gil Carlos St. Baliuag, Bulacan	Grade 7	Grade 12	None
22	202311	400942	ABE International Business College Inc-Caloocan Campus	328 Epifanio de los Santos Ave, East Grace Park, Caloocan, Metro Manila	Grade 7	Grade 10	With Honors
23	202311	600058	Bicol University College of Education Integrated Laboratory School - High School Department	4PVF+8GQ, Legazpi City, 4500 Albay	Grade 11	Grade 11	None
24	202312	407829	AMA Computer College-Davao	123 General Malvar St. Poblacion District, Davao City, 8000 Davao del Sur	Grade 7	Grade 10	With High Honors
25	202312	409956	Ateneo de Davao University-Senior High School	McArthur Highway, Bangkal, Davao City	Grade 11	Grade 12	With High Honors
26	202313	400942	ABE International Business College Inc-Caloocan Campus	328 Epifanio de los Santos Ave, East Grace Park, Caloocan, Metro Manila	Grade 7	Grade 10	With Honors
27	202313	405512	Ateneo De Davao University-Senior High School	Km 8 McArthur Highway, Talomo, Davao City, 8000 Davao del Sur	Grade 11	Grade 11	None
28	202314	400942	ABE International Business College Inc-Caloocan Campus	328 Epifanio de los Santos Ave, East Grace Park, Caloocan, Metro Manila	Grade 7	Grade 10	With Honors
29	202314	407578	Father Saturnino Urios University - BP Pueblos Senior High	JX9M+499, Alvarez St, Santa Cruz, Manila, 1008 Metro Manila	Grade 11	Grade 11	None
30	202315	403633	Camarines Norte Chung Hua High School Foundation, Inc.	1419 Zabala St, Daet, Camarines Norte	Grade 7	Grade 10	With High Honors
31	202315	400942	ABE International Business College Inc-Caloocan Campus	328 Epifanio de los Santos Ave, East Grace Park, Caloocan, Metro Manila	Grade 11	Grade 12	With Honors

Table 5. School Data

INTERNATIONAL STATE COLLEGE OF THE PHILIPPINES (ISCP) STUDENT ADMISSION SYSTEM

A System Proposal presented
to the Faculty of the College of Computer and Information Sciences,
Polytechnic University of the Philippines

In Partial Fulfillment for the Course
COMP 20093 – Information Management

PROPONENTS

Belen, Paolo Gabriel C.

Benavidez, Hailly V.

Dajac, John Victor H.

Palileo, Gerald R.

BSIT 2-1

MRS. MONINA BARRETTO

Professor, Information Management

JULY 2023