

FINAL PROJECT REVISION

“Tryouts_6c”

Saint Louis University

School of Accountancy, Management, Computer, and Information Studies

Baguio City



IT - 221 - Information Management

TEAM NAME:

6C

TEAM MEMBERS:

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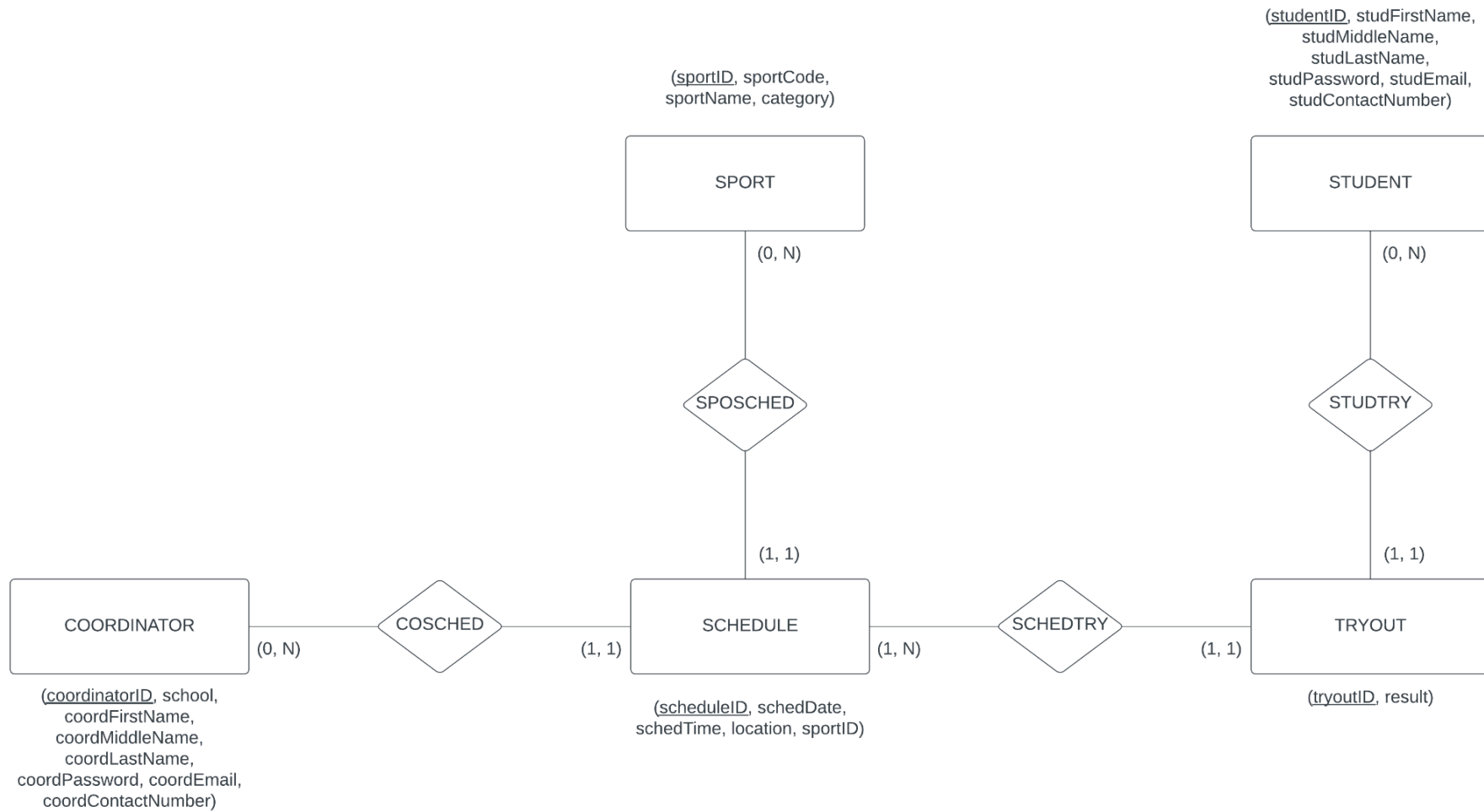
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DATE OF SUBMISSION OF REVISION:

May 26, 2023

PART I

I. ENTITY-RELATIONSHIP DIAGRAM



II. DATABASE SCHEMA

COORDINATOR (coordinatorID, school, coordFirstName, coordMiddleName, coordLastName, coordPassword, coordEmail, coordContactNumber)
AK coordEmail

SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)
FK sportID References SPORT Nulls Not Allowed
Delete Cascade, Update Cascade
coordinatorID References COORDINATOR Nulls Not Allowed
Delete Cascade, Update Cascade

SPORT (sportID, sportCode, sportName, category)
AK sportCode

STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)
AK studEmail

TRYOUT(tryoutID, scheduleID, studentID, result)
FK scheduleID References SCHEDULE Nulls Not Allowed
Delete Cascade, Update Cascade
studentID References STUDENT Nulls Not Allowed
Delete Cascade, Update Cascade

III. SAMPLE DATA

A. Coordinator

coordinatorID	school	coordFirstName	coordMiddleName	coordLastName	coordPassword	coordEmail	coordContactNumber
1	SEA	Bruno	Earth	Mars	bruno123	bruno@slu.edu.ph	9876543211
2	SAMCIS	Taylor	Swiftly	Swift	taylor12	taylor@slu.edu.ph	9876543212
3	SONAHBS	Adele	Blue	Adkins	adele123	adele@slu.edu.ph	9876543213

B. Schedule

Note: The italicized and grayed out part is for reference in order to easily recognize the school.

scheduleID	schedDate	schedTime	location	sportID	coordinatorID
1	13/04/2023	3:00 PM	D523	1 <i>(CHESS)</i>	2 <i>(SAMCIS)</i>
2	16/04/2023	11:30 AM	D414	2 <i>(Basketball-Men)</i>	2 <i>(SAMCIS)</i>
3	17/04/2023	7:30 AM	P312	3 <i>(Basketball-Women)</i>	1 <i>(SEA)</i>
4	17/04/2023	7:30	A504	4 <i>(Volleyball-Women)</i>	3 <i>(SONAHBS)</i>

C. Sport

sportID	sportCode	sportName	category
1	CH	Chess	All
2	BB	Basketball	Men
3	BB	Basketball	Women
4	VB	Volleybal	Women

D. Student

studentID	studFirstName	studMiddleName	studLastName	studPassword	studEmail	studContactNumber
1	Lalisa	Pranpriya	Manobal	lisa1234	lisa@slu.edu.ph	09876543221
2	Rose	Chae-young	Park	rose1234	rose@slu.edu.ph	09876543222
3	Jennie	Ruby	Kim	jenn1234	jennie@slu.edu.ph	09876543223
4	Jisoo	Sooyaa	Kim	jiso1234	jisoo@slu.edu.ph	09876543224
5	Seo-jun	Ko	Park	seojun01	seojun@slu.edu.ph	09876543225

E. Tryout

Note: The italicized and grayed out part is for reference in order to easily recognize the school and the student.

tryoutID	schedID	studentID	result
1	1 <i>(Chess-SAMCIS)</i>	1 <i>(Lisa)</i>	Passed
2	3 <i>(Volleyball-Women)</i>	2 <i>(Rose)</i>	Failed
3	3 <i>(Volleyball-Women)</i>	3 <i>(Jennie)</i>	Passed
4	4 <i>(Chess-SONABHS)</i>	4 <i>(Jisoo)</i>	Passed
5	1 <i>(Chess-SAMCIS)</i>	5 <i>(Seo-jun)</i>	Failed
6	2 <i>(Basketball-Men)</i>	5 <i>(Seo-jun)</i>	Passed

IV. PROTOTYPE

Louisian Sports

I. STUDENT SIDE

A. Student Registration

Register Student

Enter First Name:
Hillel

Enter Middle Name:
Cecil

Enter Last Name:
Cello

Enter Password: (Password must be 8 characters long)
cello123

Enter E-mail:
2221987@slu.edu.ph

Enter Contact Number: (Please enter 11 numbers)
09345678234

New Student Registered.

STUDENT REGISTRATION

The UI enables the user to register as a student into the system by supplying the needed information.

Actor: Student

[R] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)

[C] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)

B. Student Login

Login as Student

Enter e-mail:
2221987@slu.edu.ph

Enter password:
cello123

Student Logged In.

=====

STUDENT LOGIN

The UI enables the user to login as a student.

Actor: Student

[R] STUDENT (studPassword, studEmail)

C. Update Student Information

```
-----
Update Student Information
-----
Student ID      First Name      Middle Name      Last Name      Password      Email      Contact Number
1              Hillel          Cecil            Cello          cello123      2221987@slu.edu.ph      09345678234

What do you want to update?
1. Password
2. Contact Number
3. Return to Menu
Enter your choice:
2
Enter New Contact Number: (Please enter 11 numbers)
09345678234
Student updated successfully.
Updated Student Details
Student ID      First Name      Middle Name      Last Name      Password      Email      Contact Number
1              Hillel          Cecil            Cello          cello123      2221987@slu.edu.ph      09345678234
-----
```

UPDATE STUDENT INFORMATION
The UI enables the student to update their password and contact number.
Actor: Student
[R] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)
[U] STUDENT (studPassword, studContactNumber)
[C] STUDENT (studPassword, studContactNumber)

D. Join a Tryout

```
-----
Join a Tryout
-----
Schedule ID      Date      Time      Location      SportID      Sport Name      Category      CoordinatorID      Coordinator      School
1              2023-05-26      08:00:00      Court          1              Basketball      Men          1              Henrietta Hailey      SANCIS
2              2023-05-26      09:00:00      Library        4              Chess          All          1              Henrietta Hailey      SANCIS
3              2023-05-26      10:00:00      Oval           3              Volleyball      Men          1              Henrietta Hailey      SANCIS

Choose Schedule ID:

Enter your email:
2221987@slu.edu.ph
New tryout created.
-----
```

JOIN A TRYOUT
The UI enables the student to join a tryout by entering the ID of their chosen schedule and then their email. The tryout result will automatically return a "Pending" result.
Actor: Student
[R] SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)
[R] STUDENT (studEmail)
[C] TRYOUT (tryoutID, scheduleID, studentID, result)

E. View details of All Sports

View Details of All Sports			
Sport ID	Sport Code	Sport Name	Category
1	BB	Basketball	Men
2	BB	Basketball	Women
3	VB	Volleyball	Men
4	CH	Chess	All

VIEW DETAILS OF ALL SPORTS

The UI displays the details of all sports on the student's side.

Actor: Student

[R] SPORT (sportID, sportCode, sportName, category)

F. View Details of All Schedules

View Details of All Schedules									
Schedule ID	Date	Time	Location	SportID	Sport Name	Category	CoordinatorID	Coordinator	School
1	2023-05-26	08:00:00	Court	1	Basketball	Men	1	Henrietta Halley	SAMCIS
2	2023-05-26	09:00:00	Library	4	Chess	All	1	Henrietta Halley	SAMCIS
3	2023-05-26	10:00:00	Oval	3	Volleyball	Men	1	Henrietta Halley	SAMCIS

VIEW DETAILS OF ALL SCHEDULES

The UI displays the details of each schedule on the student's side.

Actor: Student

[R] SCHEDULE(scheduleID, schedDate, schedTime, location, **sportID**, **coordinatorID**)

G. View Details of My Tryouts

View Details of My Tryouts								
Tryout ID	Schedule Date	Schedule Time	Location	Student ID	Student Name	Sport Name	Category	Result
1	2023-05-26	08:00:00	Court	1	Hillel Cello	Basketball	Men	Pending

VIEW DETAILS OF MY TRYOUTS

This UI displays the details of the tryout of the student who is currently logged in.

Actor: Student

[R] TRYOUT (tryoutID, scheduleID, studentID, result)

H. Search a Coordinator by Coordinator ID

Search a Coordinator by their Coordinator ID						
Enter Coordinator ID:						
Coordinator found.						
Coordinator ID	School	First Name	Last Name	Email	Contact Number	
2	SEA	Alter	Husey	alterhusey@slu.edu.ph	09783426743	

SEARCH A COORDINATOR BY COORDINATOR ID

This UI enables the student to search for a coordinator by entering their coordinator ID.

Actor: Student

[R] COORDINATOR (coordinatorID, school, coordFirstName, coordLastName, coordEmail, coordContact Number)

I. Search a Sport by Sport ID

Search a Sport by their Sport ID			
Enter Sport ID:			
Sport found.			
Sport ID	Sport Code	Sport Name	Category
3	VB	Volleyball	Men

SEARCH A SPORT BY SPORT ID

This UI enables the student to search for a sport by entering the sport ID.

Actor: Student

[R] SPORT (sportID, sportCode, sportName, category)

J. Search a Schedule

Search a Schedule									
Enter Schedule ID:									
Schedule Found.									
Schedule ID	Date	Time	Location	SportID	Sport Name	Category	CoordinatorID	Coordinator	School
1	2023-05-26	08:00:00	Court	1	Basketball	Men	1	Henrietta Hailey	SANCIS

SEARCH A SCHEDULE

This UI enables the student to search a schedule by entering the schedule ID.

Actor: Student

[R] SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)

A. Coordinator Registration

```
-----
Register Coordinator
-----

Enter School: (Please only enter the code [ex. SEA])
STELA
Enter First Name:
Jarred
Enter Middle Name:
Go
Enter Last Name:
Madden
Enter Password: (Password must not be less than but must be 8 characters long)
jar12345
Enter E-mail:
jarredmadden@slu.edu.ph
Enter Contact Number: (Please enter 11 numbers)
09112233445

New Coordinator Registered
-----
```

COORDINATOR REGISTRATION

The UI enables the user to register as a coordinator into the system/database by supplying the needed information.

Actor: Coordinator

[R] COORDINATOR (coordinatorID, school, coordFirstName, coordMiddleName, coordLastName, coordPassword, coordEmail, coordContactNumber)

[C] COORDINATOR (coordinatorID, school, coordFirstName, coordMiddleName, coordLastName, coordPassword, coordEmail, coordContactNumber)

B. Coordinator Login

```
Login as Coordinator
-----

Enter e-mail:
jarredmadden@slu.edu.ph
Enter password:
jar12345
Coordinator Logged In.
=====
```

COORDINATOR LOGIN

The UI enables users to login as a coordinator.

Actor: Coordinator

[R] COORDINATOR (coordPassword, coordEmail)

C. Create a Sport

```
-----
Create a Sport
-----
Enter Sport Code: (ex. BB)
BB
Enter Sport Name: (ex. Basketball)
Basketball
Enter Category: (Men/Women/All - Case-Sensitive)
Women

New sport created.
-----
```

CREATE A SPORT

The UI allows the coordinator to create a sport by entering a sport code, sport name, and a category.

Actor: Coordinator

[R] [SPORT\(sportID, sportCode, sportName, category\)](#)

[C] [SPORT\(sportID, sportCode, sportName, category\)](#)

D. Create a Schedule

```
-----
Create a Schedule
-----
Enter Date: (ex. 2023-01-17), (Use the year 2023)
2023-05-26
Enter Time: (ex. 11:00:00)
08:00:00
Enter Location:
Court

Sport ID      Sport Code      Sport Name      Category
1             BB             Basketball      Men
2             BB             Basketball      Women
3             VB             Volleyball      Men
4             CH             Chess           All

Enter Sport ID:
1
Schedule Successfully Created.
-----
```

CREATE A SCHEDULE

The UI allows the coordinator to create a schedule by entering a date, time, location, and sport ID.

Actor: Coordinator

[R] [SPORT \(sportID, sportCode, sportName, category\)](#)

[C] [SCHEDULE \(scheduleID, schedDate, schedTime, location, sportID, coordinatorID\)](#)

E. View Details of All Coordinators

View Details of All Coordinators

Coordinator ID	School	First Name	Last Name	Email	Contact Number
1	SAMCIS	Henrietta	Hailey	henriettahailey@slu.edu.ph	09285924728
2	SEA	Alter	Husey	alterhusey@slu.edu.ph	09783426743
3	SOL	Haifa	Alek	haifaalek@slu.edu.ph	09329843214
4	STELA	Jarred	Madden	jarredmadden@slu.edu.ph	09112233445

VIEW DETAILS OF ALL COORDINATORS

The UI displays the details of all coordinators on the coordinator's side.

Actor: Coordinator

[R] COORDINATOR (coordinatorID, school, coordFirstName, coordLastName, coordEmail, coordContactNumber)

F. View Details of All Sports

View Details of All Sports

Sport ID	Sport Code	Sport Name	Category
1	BB	Basketball	Men
2	BB	Basketball	Women
3	VB	Volleyball	Men
4	CH	Chess	All

VIEW DETAILS OF ALL SPORTS

The UI displays the details of all sports on the coordinator's side.

Actor: Coordinator

[R] SPORT (sportID, sportCode, sportName, category)

G. View Details of All Schedules

View Details of All Schedules									
Schedule ID	Date	Time	Location	SportID	Sport Name	Category	CoordinatorID	Coordinator	School
1	2023-05-26	08:00:00	Court	1	Basketball	Men	1	Henrietta Halley	SAMCIS
2	2023-05-26	09:00:00	Library	4	Chess	All	1	Henrietta Halley	SAMCIS
3	2023-05-26	10:00:00	Oval	3	Volleyball	Men	1	Henrietta Halley	SAMCIS

VIEW DETAILS OF ALL SCHEDULES

The UI displays the details of each schedule on the coordinator's side.

Actor: Coordinator

[R] SCHEDULE(scheduleID, schedDate, schedTime, location, sportID, coordinatorID)

H. View Details of All Students

View Details of All Students						
Student ID	First Name	Middle Name	Last Name	Email	Contact Number	
1	Hillel	Cecil	Cello	2221987@slu.edu.ph	09345672843	
2	Hee	Urb	Tapia	2223456@slu.edu.ph	09876434829	
3	Wido	Nez	Eves	2226734@slu.edu.ph	09872134738	

VIEW DETAILS OF ALL STUDENTS

The UI displays the details of each student on the coordinator's side.

Actor: Coordinator

[R] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)

I. View Details of Tryouts

View Details of Tryouts						
Tryout ID	Schedule ID	Schedule Date	Schedule Time	Location	Student ID	Result
1	1	2023-05-26	08:00:00	Court	1	Pending
2	2	2023-05-26	09:00:00	Library	1	Pending

VIEW DETAILS OF ALL TRYOUTS

The UI displays the details of each tryout to the coordinator's side.

Actor: Coordinator

[R] TRYOUT (tryoutID, scheduleID, coordinatorID, result)

J. Update Coordinator Information

```
-----
Update Coordinator Information
-----
Coordinator ID      School      First Name      Middle Name      Last Name      Password      Email      Contact Number
1                  SANCIS          Henrietta        Sahye            Hailey         hailey12 henriettahailey@slu.edu.ph      09285924728

What do you want to update?
1. Change Password
2. Update Contact Number
3. Return to Menu
Enter your choice:
1
Enter New Password: (Password must be 8 characters)
haill1234
Coordinator updated successfully
Updated Details
Coordinator ID      School      First Name      Middle Name      Last Name      Password      Email      Contact Number
1                  SANCIS          Henrietta        Sahye            Hailey         haill1234 henriettahailey@slu.edu.ph      09285924728
-----
```

UPDATE COORDINATOR INFORMATION

The UI enables the Coordinator to update their detail/s.

Actor: Coordinator

- [R] COORDINATOR (coordinatorID, school, coordFirstName, coordMiddleName, coordLastName, coordPassword, coordEmail, coordContactNumber)
- [U] COORDINATOR(coordPasswordcoordContactNumber)

K. Update Detail/s of a Sport

```
-----
Update Detail/s of a Sport
-----
Sport ID      Sport Code      Sport Name      Category
1              BB              Basketball      Men
2              BB              Basketball      Women
3              VB              Volleyball      Men
4              CH              Chess           All

Enter Sport ID:
4
What do you want to update?
1. Sport Code
2. Sport Name
3. Category
Enter your choice:
1
Enter New Sport Code: (ex. BB)
CS
Sport successfully updated.
-----
```

UPDATE DETAIL/S OF A SPORT

The UI enables the coordinator to update the detail/s of a sport.
Actor: Coordinator

- [R] SPORT (sportID, sportCode, sportName, category)
- [U] SPORT (sportCode, sportName, category)
- [C] SPORT (sportCode, sportName, category)

L. Update Detail/s of a Schedule

```
-----
Update Detail/s of a Schedule
-----
Schedule ID      Date      Time      Location      SportID      Sport Name      Category      CoordinatorID      Coordinator Last Name      School
1               2023-05-26    08:00:00    Court         1             Basketball      Men           1                 Halley                     SAMCIS

What do you want to update?
1. Date
2. Time
3. Location
4. Sport ID
5. Return to Menu
Enter your choice: 2
Enter New Time: (ex. 11:00:00)
08:30:00

Schedule updated successfully.
Updated Details
Schedule ID      Date      Time      Location      SportID      Sport Name      Category      CoordinatorID      Coordinator Last Name      School
1               2023-05-26    08:30:00    Court         1             Basketball      Men           1                 Halley                     SAMCIS
-----
```

UPDATE DETAIL/S OF A SCHEDULE

The UI enables the coordinator to update the detail/s of a schedule.
Actor: Coordinator
[R] SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)
[U] SCHEDULE (schedDate, schedTime, location, sportID)
[C] SCHEDULE (schedDate, schedTime, location, sportID

M. Update Detail/s of a Tryout

```
-----
Update Detail/s of a Tryout
-----
Tryout ID      Schedule ID      Schedule Date      Schedule Time      Location      Student ID      Result
1              1                2023-05-26         08:30:00           Court         1               Pending
2              2                2023-05-26         09:00:00           Library       1               Pending

Enter Tryout ID: 1
What do you want to update?
1. Tryout Result
Enter your choice:
1
Enter New Tryout Result:
Passed
Tryout updated successfully.
-----
```

UPDATE DETAIL/S OF A TRYOUT

The UI enables the coordinator to update the detail/s of a tryout.
Actor: Coordinator
[R] TRYOUT (tryoutID, scheduleID, coordinatorID, result)
[U] TRYOUT (result)
[C] TRYOUT (result)

N. Delete a Coordinator from the List

Delete a Coordinator from the List

Coordinator ID	School	First Name	Last Name	Email	Contact Number
1	SAMCIS	Henrietta	Hailey	henriettahailey@slu.edu.ph	09285924728
2	SEA	Alter	Husey	alterhusey@slu.edu.ph	09783426743
3	SOL	Haifa	Alek	haifaalek@slu.edu.ph	09329843214
4	STELA	Jarred	Madden	jarredmadden@slu.edu.ph	09112233445

Enter Coordinator ID to delete:

4

Coordinator Successfully Deleted!

DELETE A COORDINATOR FROM THE LIST

The UI enables the coordinator to delete a coordinator from the list.

Actor: Coordinator

[R] COORDINATOR (coordinatorID, school, coordFirstName, coordLastName, coordPassword, coordEmail, coordContactNumber)

[D] COORDINATOR (coordinatorID, school, coordFirstName, coordMiddleName, coordLastName, coordPassword, coordEmail, coordContactNumber)

O. Delete a Sport from the List

Delete a Sport from the List

Sport ID	Sport Code	Sport Name	Category
1	BB	Basketball	Men
2	BB	Basketball	Women
3	VB	Volleyball	Men
4	CS	Chess	All

Enter Sport ID to delete:

2

Sport successfully Deleted!

DELETE A SPORT FROM THE LIST

The UI enables the coordinator to delete a sport from the list.

Actor: Coordinator

[R] SPORT (sportID, sportCode, sportName, category)

[D] SPORT (sportID, sportCode, sportName, category)

P. Delete a Schedule from the List

Delete a Schedule from the List

Schedule ID	Date	Time	Location	SportID	Sport Name	Category	CoordinatorID	Coordinator	School
1	2023-05-26	08:30:00	Court	1	Basketball	Men	1	Henrietta Halley	SAMCIS
2	2023-05-26	09:00:00	Library	4	Chess	All	1	Henrietta Halley	SAMCIS
3	2023-05-26	10:00:00	Oval	3	Volleyball	Men	1	Henrietta Halley	SAMCIS

Enter Schedule ID to delete:

Schedule Successfully Deleted!

DELETE A SCHEDULE FROM THE LIST

The UI enables the coordinator to delete a schedule from the list.

Actor: Coordinator

[R] SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)

[D] SCHEDULE (scheduleID, schedDate, schedTime, location, sportID, coordinatorID)

Q. Delete a Student from the List

Delete a Student from the List

Student ID	First Name	Middle Name	Last Name	Email	Contact Number
1	Hillel	Cecil	Cello	2221987@slu.edu.ph	09345672843
2	Hee	Urb	Tapia	2223456@slu.edu.ph	09876434829
3	Wido	Nez	Eves	2226734@slu.edu.ph	09872134738

Enter Student ID to delete:
3
Student Successfully Deleted!

DELETE A STUDENT FROM THE LIST

The UI enables the coordinator to delete a student from the list.

Actor: Coordinator

[R] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studEmail, studContactNumber)

[D] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studPassword, studEmail, studContactNumber)

R. Delete a Tryout from the List

Delete a Tryout from the List

Tryout ID	Schedule ID	Schedule Date	Schedule Time	Location	Student ID	Result
1	1	2023-05-26	08:30:00	Court	1	Passed
2	2	2023-05-26	09:00:00	Library	1	Pending

Enter Tryout ID to delete:
2
Tryout successfully Deleted!

DELETE A TRYOUT FROM THE LIST

The UI enables the coordinator to delete a tryout from the list.

Actor: Coordinator

[R] TRYOUT (tryoutID, scheduleID, studentID, result)

[D] TRYOUT (tryoutID, scheduleID, studentID, result)

S. Search a Student by Student ID

```
-----
Search a Student by Student ID
-----
Enter Student ID:
2
Student found.
Student ID      First Name      Middle Name      Last Name      Email      Contact Number
2              Hee              Urb              Tapia          2223456@slu.edu.ph      09876434829
-----
```

SEARCH STUDENT BY STUDENT ID

The UI enables the coordinator to search for a student by the student's student ID.

Actor: Coordinator

[R] STUDENT (studentID, studFirstName, studMiddleName, studLastName, studEmail, studContactNumber)

PART II

Unified Modeling Language (UML)

