



SPACESYNC: A COLEGIO DE MONTALBAN'S CLASS SCHEDULING SYSTEM

PRESENTED BY:

Visaya, Jorie B.
Arce, Jhon Brian V.
Fernandez, Annjie F.
Sanchez, Harlenkens Q.

Sauco, John Paul D.
Soliman, Jose Enrique S.
Vallejo, Carlos Jr. T.



SPACESYNC

Class Scheduling System, named “SpaceSync” is envisioned as a comprehensive class scheduling system dedicated to enhancing the class scheduling and coordination of class schedules within Colegio de Montalban





INTRODUCTION

The project developers' work begins with the recognition of the growing need for efficient, reliable, and user-friendly class scheduling system.

SpaceSync allows the dean and program heads to efficiently assign classroom, faculty to classes, and adjust schedules as needed, reducing administrative burdens and scheduling conflicts.



OBJECTIVES

The project developers intend to develop SpaceSync: A Colegio de Montalban's Class Scheduling System that will take a major role for an organized and efficient class scheduling.



OBJECTIVES

- To develop a system that prioritizes simplicity, efficiency, and flexibility.
- To develop a desktop application for the system that displays class schedule monitoring
- To develop a system that provides a user-friendly interface for the program heads
- To develop a system that generates reports



OBJECTIVES

- To develop a web application for the system that prioritizes simplicity, efficiency, flexibility
- To develop a system that enables both instructors and students to access their class schedules easily
- To develop a system that enhances communication between dean, program heads, instructor, and students.

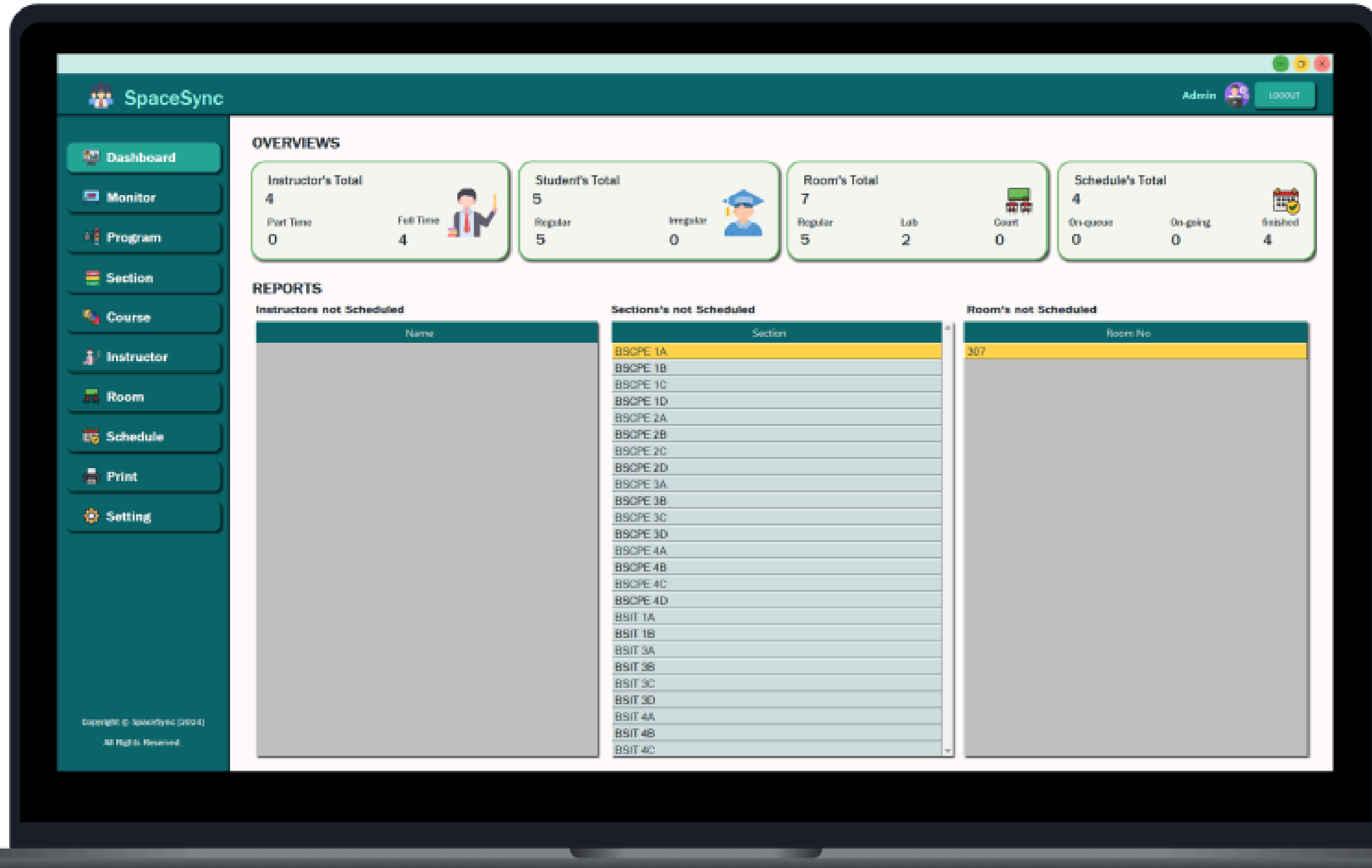


SCOPE

Class Scheduling System, named “SpaceSync” is envisioned as a comprehensive class scheduling system dedicated to enhancing the class scheduling and coordination of class schedules within Colegio de Montalban. Provides for capabilities for creating and managing various types of classes, allocating classrooms, and assigning instructors.

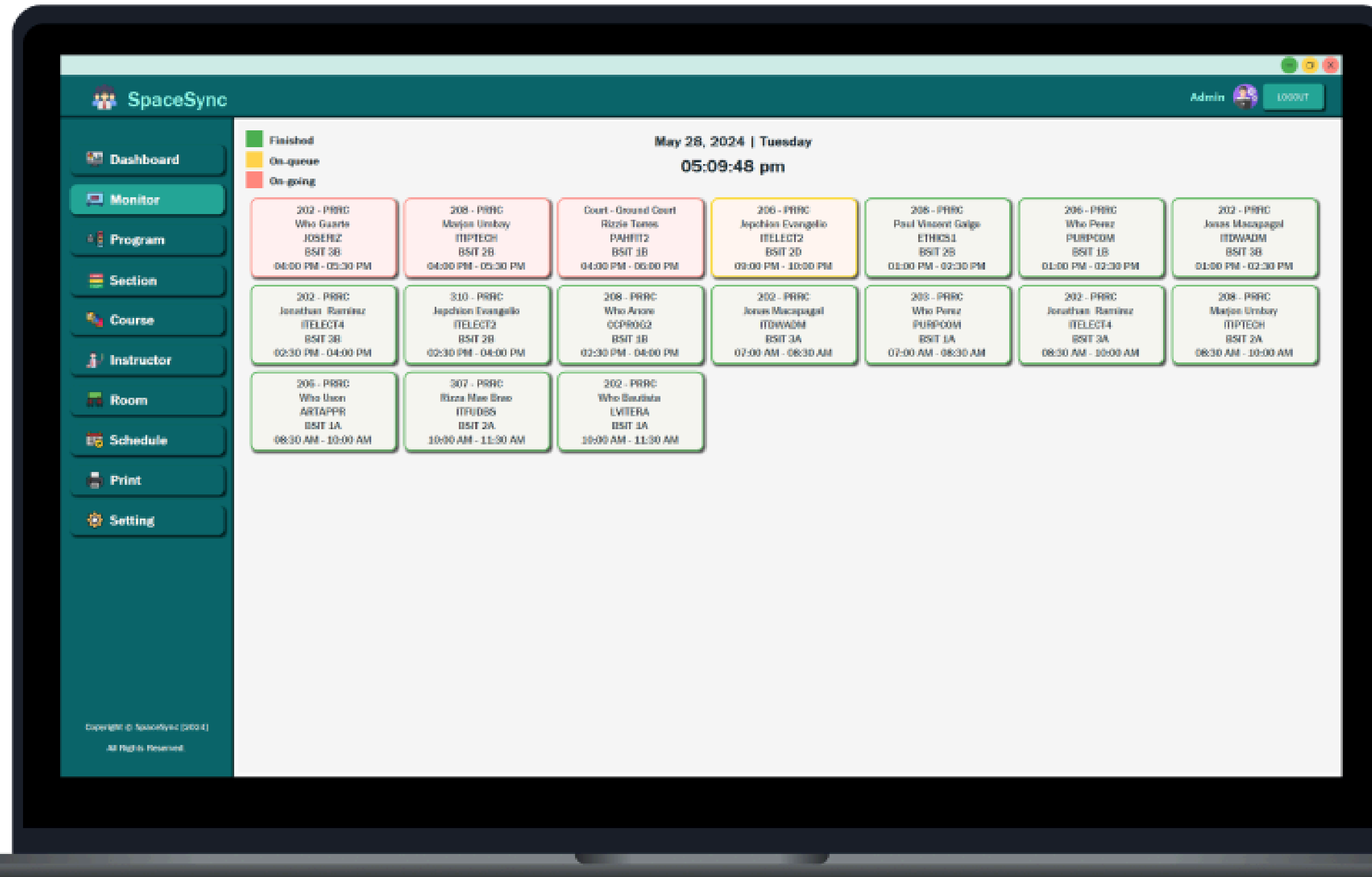


DASHBOARD



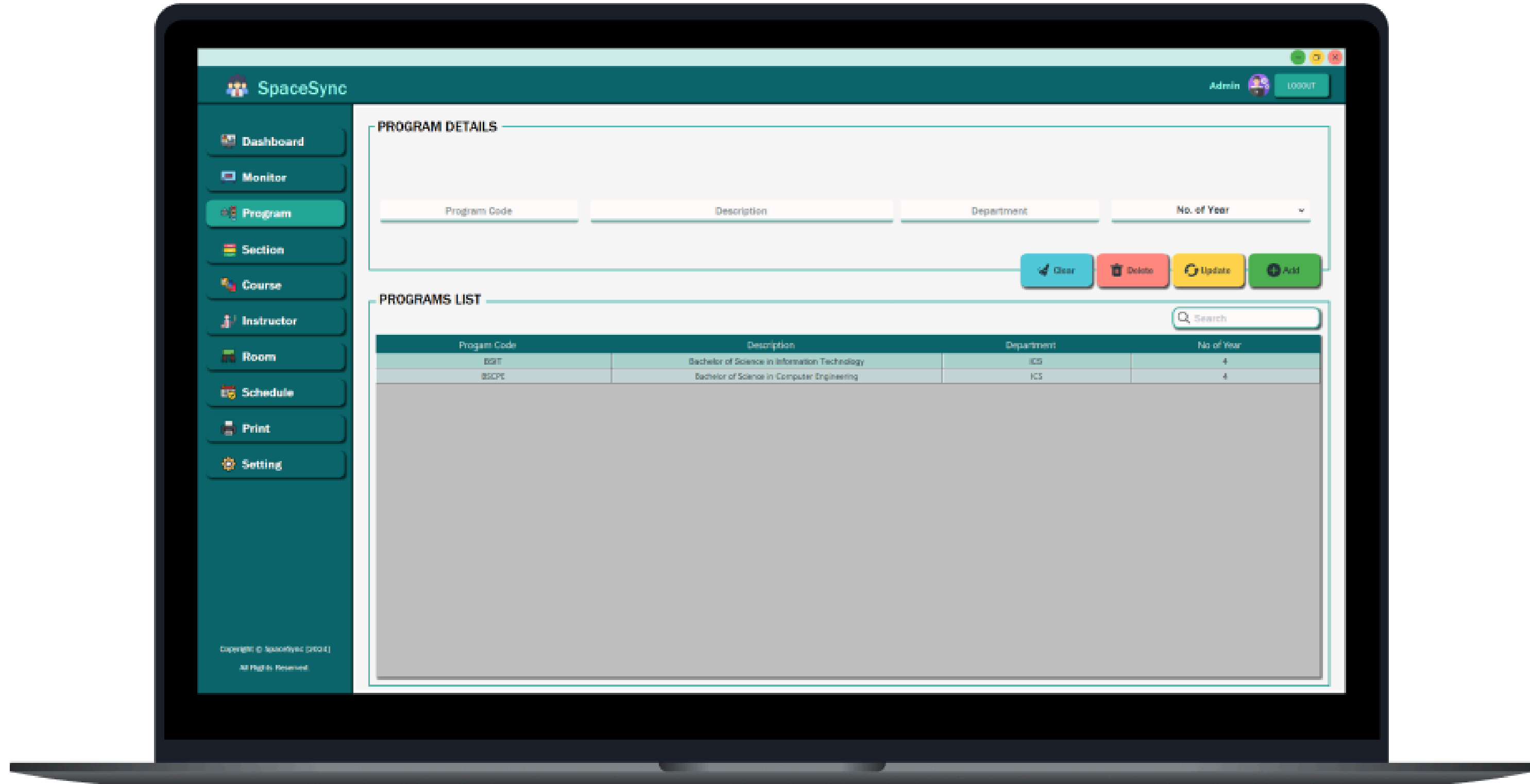


MONITORING






PROGRAM





SECTION

SpaceSync

Admin  [Logout](#)

Dashboard

Monitor

Program

Section

Course

Instructor

Room

Schedule

Print

Setting

SECTION DETAILS

Select Program

Select Year

Name

Clear

Delete

Update

Add

SECTIONS LIST

Search

Section	Program Code	Year	Name
BSIT 1A	BSIT	1	A
BSIT 1B	BSIT	1	B
BSIT 2A	BSIT	2	A
BSIT 2B	BSIT	2	B
BSIT 3A	BSIT	3	A
BSIT 3B	BSIT	3	B
BSIT 3C	BSIT	3	C
BSIT 3D	BSIT	3	D
BSIT 4A	BSIT	4	A
BSIT 4B	BSIT	4	B
BSIT 4C	BSIT	4	C
BSIT 4D	BSIT	4	D
BSCOPE 1A	BSCOPE	1	A
BSCOPE 1B	BSCOPE	1	B
BSCOPE 1C	BSCOPE	1	C
BSCOPE 1D	BSCOPE	1	D
BSCOPE 2A	BSCOPE	2	A
BSCOPE 2B	BSCOPE	2	B
BSCOPE 2C	BSCOPE	2	C
BSCOPE 2D	BSCOPE	2	D
BSCOPE 3A	BSCOPE	3	A

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COURSE

SpaceSync

Admin

Logout

Dashboard

Monitor

Program

Section

Course

Instructor

Room

Schedule

Print

Setting

COURSE DETAILS

Subject Code

No. of unit

Select Year

Description

Select Program

Type of Room

Clear

Delete

Update

Add

COURSES LIST

Search

Subject Code	Description	Credits	Program	Year Level	Type of Room
LVITERA	Living in IT era	3	B&IT	1	Regular
PURPCOM	Computer Programming 2	3	BSIT	1	Regular
PAHERTZ	Rhythmic Activities	2	B&IT	1	Court
ARTAPP	Art Appreciation	3	BSIT	1	Regular
CCPROG2	Computer Programming 2	3	B&IT	1	Regular
ITFUDBS	Fundamentals of Database Systems	3	BSIT	2	Regular
ITS&DEV	System Software Design	3	B&IT	2	Regular
ITPTECH	Integrative Programming and Technologies	3	BSIT	2	Regular
ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	B&IT	2	Regular
ETHICS1	Ethics	3	BSIT	2	Regular
ITOWADM	Data Warehousing and Data Mining	3	B&IT	3	Regular
ITELECT4	IT Elective 4 (Platform Technologies)	3	BSIT	3	Regular
JOSEPH2	The My and Works of Jose Rizal	3	B&IT	3	Regular
ACSS	Advance Computer Service System	3	BSIT	2	Regular


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INSTRUCTOR

SpaceSync

Admin  [Logout](#)

Dashboard

Monitor

Program

Section

Course

Instructor

Room

Schedule

Print

Setting

Instructor No.

First Name

Last Name

Email

Select gender

Employment Status

Availability

☐ Sun ☐ Mon ☐ Tue ☐ Wed
☐ Thu ☐ Fri ☐ Sat

Check	Subject	Program
<input type="checkbox"/>	LVITERA	BSIT
<input type="checkbox"/>	PURPCOM	BSIT
<input type="checkbox"/>	PAHFIT2	BSIT
<input type="checkbox"/>	ARTAPPR	BSIT
<input type="checkbox"/>	CCPROG2	BSIT
<input type="checkbox"/>	ITFUDBS	BSIT
<input type="checkbox"/>	ITSSDEV	BSIT

Check	Sections
<input type="checkbox"/>	BSIT 1A
<input type="checkbox"/>	BSIT 1B
<input type="checkbox"/>	BSIT 2A
<input type="checkbox"/>	BSIT 2B
<input type="checkbox"/>	BSIT 3A
<input type="checkbox"/>	BSIT 3B
<input type="checkbox"/>	BSIT 3C

Clear

Delete

Update

Add

INSTRUCTORS LIST

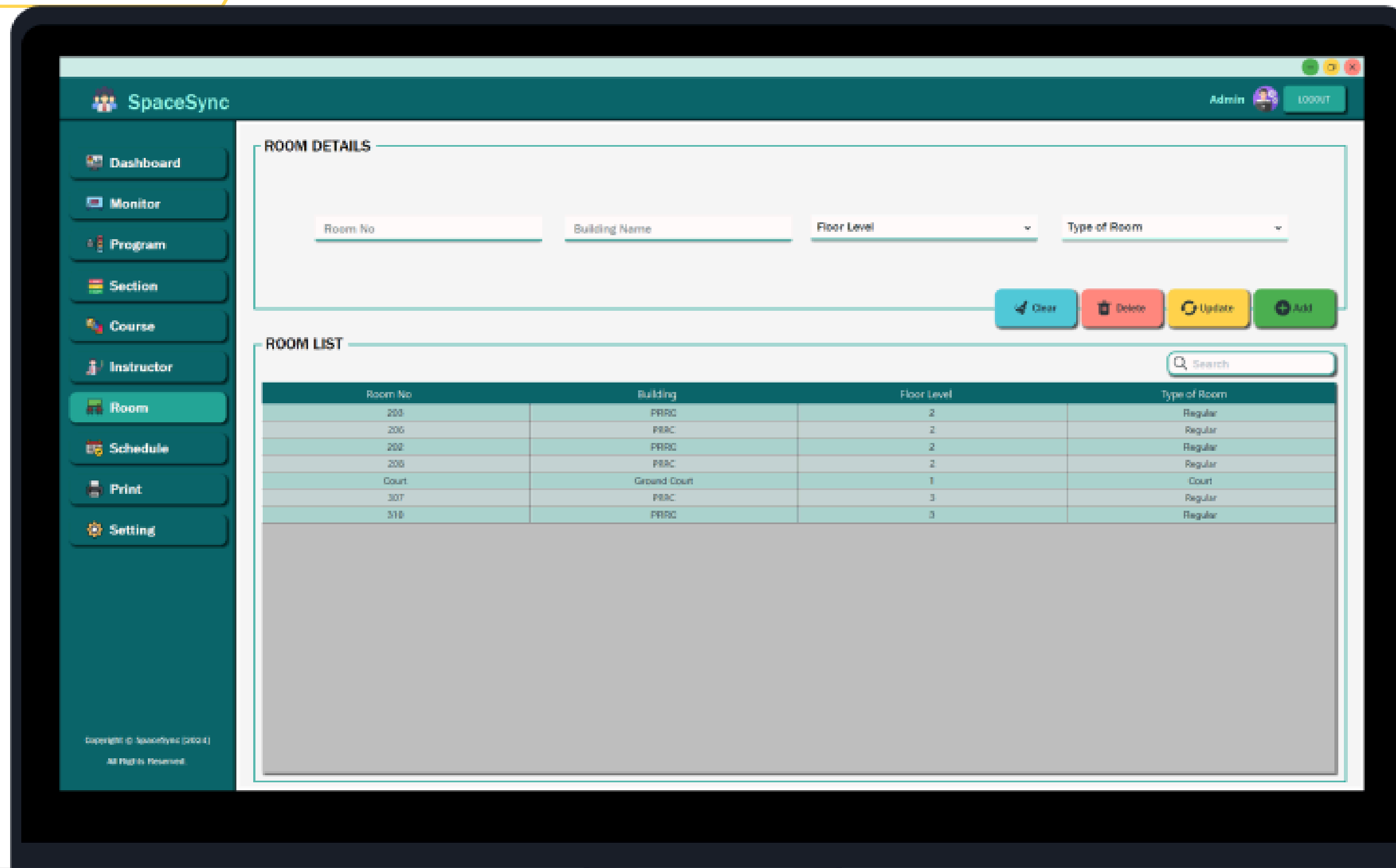
Instructor No	Name	Email	Gender	Status	Availability	Courses	Sections
24-00001	Who Bautista	bautista@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	LVITERA	BSIT 1A, BSIT 1B
24-00002	Who Perez	perez@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	PURPCOM	BSIT 1A, BSIT 1B
24-00003	Rizzie Torres	torres@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	PAHFIT2	BSIT 1A, BSIT 1B
24-00004	Who Cantos	cantos@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	ARTAPPR	BSIT 1A, BSIT 1B
24-00005	Who Usan	usan@gmail.com	Female	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	ARTAPPR	BSIT 1A, BSIT 1B
24-00006	Who Anore	anore@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	CCPROG2	BSIT 1A, BSIT 1B
24-00007	Rizza Mae Bnco	bnco@gmail.com	Female	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	ITFUDBS	BSIT 2A, BSIT 2B
24-00008	Cherilyn Lamudora	lamudora@gmail.com	Female	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	ITSSDEV	BSIT 2A, BSIT 2B
24-00009	Japchian Evangelio	evangelio@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	ITELECT3	BSIT 2A, BSIT 2B, BSIT 2C,...
24-00010	Marjos Umbay	umbay@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	ITPEECH	BSIT 2A, BSIT 2B
24-00011	Paul Vincent Galgo	galgo@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	ETHICS1	BSIT 2A, BSIT 2B
24-00012	Jonas Macapagal	macapagal@gmail.com	Female	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,Sun	ITWADM	BSIT 2A, BSIT 2B
24-00013	Jonathan Ramirez	ramirez@gmail.com	Male	Full Time	Mon,Tue,Wed,Thu,Fri,Sat,...	ITELECT4	BSIT 3A, BSIT 3B
24-00014	Who Guarte	guarte@gmail.com	Male	Part Time	Mon,Tue,Wed,Thu,Fri	JOSEB2	BSIT 2A, BSIT 2B

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ROOMS





SCHEDULE

SpaceSync

Admin  [Logout](#)

Dashboard

Monitor

Program

Section

Course

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Room

Schedule

Print

Setting

SCHEDULE DETAILS

Select Instructor

Select Section

Start Time

06:00 am

Class Day

☐ Sun ☐ Mon ☐ Tue ☐ Wed ☐ Thu ☐ Fri ☐ Sat

Select Course

Select Room

End Time

07:00 pm

Clear

Delete

Update

Add

SCHEDULES LIST

Search

Room No	Subject Code	Instructor Name	Section	Class Day	Start Time	End Time
200	ARTAPPR	Who Ulan	BSIT 1A	Tue/Fri	08:30 AM	10:00 AM
203	PURPCOM	Who Perez	BSIT 1A	Tue/Fri	07:00 AM	08:30 AM
202	LITERA	Who Bautista	BSIT 1A	Tue/Fri	10:00 AM	11:30 AM
200	CCROG2	Who Anon	BSIT 1B	Tue/Fri	02:30 PM	04:00 PM
200	PURPCOM	Who Perez	BSIT 1B	Tue/Fri	01:00 PM	02:30 PM
Court	PAHRT2	Rode Torres	BSIT 1B	Tue/Fri	04:00 PM	06:00 PM
200	ETHICS1	Paul Vincent Galgo	BSIT 2B	Tue/Fri	01:00 PM	02:30 PM
200	ITIPTECH	Marjon Unbay	BSIT 2B	Tue/Fri	04:00 PM	05:30 PM
310	ITELECT2	Jepchier Evangelo	BSIT 2B	Tue/Fri	02:30 PM	04:00 PM
307	ITRUBS	Riza Mae Brac	BSIT 2A	Tue/Fri	10:00 AM	11:30 AM
200	ITIPTECH	Marjon Unbay	BSIT 2A	Tue/Fri	08:30 AM	10:00 AM
202	ITDWADM	Jonas Macapagal	BSIT 3A	Tue/Fri	07:00 AM	08:30 AM
202	ITELECT4	Jonathan Ramirez	BSIT 3A	Tue/Fri	08:30 AM	10:00 AM
202	JOSERL2	Who Guarte	BSIT 3B	Tue/Fri	04:00 PM	05:30 PM
202	ITDWADM	Jonas Macapagal	BSIT 3B	Tue/Fri	01:00 PM	02:30 PM
202	ITELECT4	Jonathan Ramirez	BSIT 3B	Tue/Fri	02:30 PM	04:00 PM
307	ITIPTECH	Marjon Unbay	BSIT 2B	Fri	08:00 AM	07:00 AM
203	ITELECT3	Jepchier Evangelo	BSIT 2A	Mon	06:00 AM	07:00 AM
200	ITELECT2	Jepchier Evangelo	BSIT 2D	Mon,Tue,Wed,Thu,Fri	09:00 PM	10:00 PM
203	JOSERL2	Who Guarte	BSIT 3A	Fri	03:00 PM	04:00 PM

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PRINT

Admin [Logout](#)

Dashboard

Monitor

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Instructor

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Print

Setting

PRINT

Instructor

Student

Print

Room No	Subject Code	Description	Credits	Instructor	Section	Class Day	Time
206	ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	Jephthion Evangelio	BSIT 2D	Mon,Tue,Wed,Thru,Fri	09:00 PM - 10:00 PM
202	JOBERIZ	The life and Works of Jose Rizal	3	Wilo Gaerte	BSIT 2B	Tue,Fri	04:00 PM - 05:30 PM
604	PAHRT2	Rhythmic Activities	2	Rizdie Torres	BSIT 1B	Tue,Fri	04:00 PM - 05:30 PM
200	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2B	Tue,Fri	04:00 PM - 05:30 PM
208	CCPR002	Computer Programming 2	3	Wilo Anzor	BSIT 1B	Tue,Fri	02:30 PM - 04:00 PM
202	ITELECT4	IT Elective 4(Platform Technologies)	3	Jonathan Ramirez	BSIT 3B	Tue,Fri	02:30 PM - 04:00 PM
218	ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	Jephthion Evangelio	BSIT 2D	Tue,Fri	02:30 PM - 04:00 PM
202	ITDWADM	Data Warehousing and Data Mining	3	Jonas Macapagal	BSIT 3B	Tue,Fri	01:00 PM - 02:30 PM
208	ETHICS1	Ethics	3	Paul Vincent Gato	BSIT 2B	Tue,Fri	01:00 PM - 02:30 PM
206	PURPCOM	Computer Programming 2	3	Wilo Perez	BSIT 1B	Tue,Fri	01:00 PM - 02:30 PM
307	ITFUDBS	Fundamentals of Database Systems	3	Rizza Mae Eneo	BSIT 2A	Tue,Fri	10:00 AM - 11:30 AM
202	INTERA	Living in IT era	3	Wilo Bautista	BSIT 1A	Tue,Fri	10:00 AM - 11:30 AM
206	ARTAPPR	Art Appreciation	3	Wilo Usan	BSIT 1A	Tue,Fri	08:30 AM - 10:00 AM
202	ITELECT4	IT Elective 4(Platform Technologies)	3	Jonathan Ramirez	BSIT 3A	Tue,Fri	08:30 AM - 10:00 AM
208	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2A	Tue,Fri	08:30 AM - 10:00 AM
202	ITDWADM	Data Warehousing and Data Mining	3	Jonas Macapagal	BSIT 3A	Tue,Fri	07:00 AM - 08:30 AM
208	PURPCOM	Computer Programming 2	3	Wilo Perez	BSIT 1A	Tue,Fri	07:00 AM - 08:30 AM
202	ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	Jephthion Evangelio	BSIT 2A	Mon	06:00 AM - 07:00 AM
200	JOBERIZ	The life and Works of Jose Rizal	3	Wilo Gaerte	BSIT 2A	Fri	03:00 PM - 04:00 PM
307	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2B	Fri	06:00 AM - 07:00 AM

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SAMPLE PRINT

Print preview

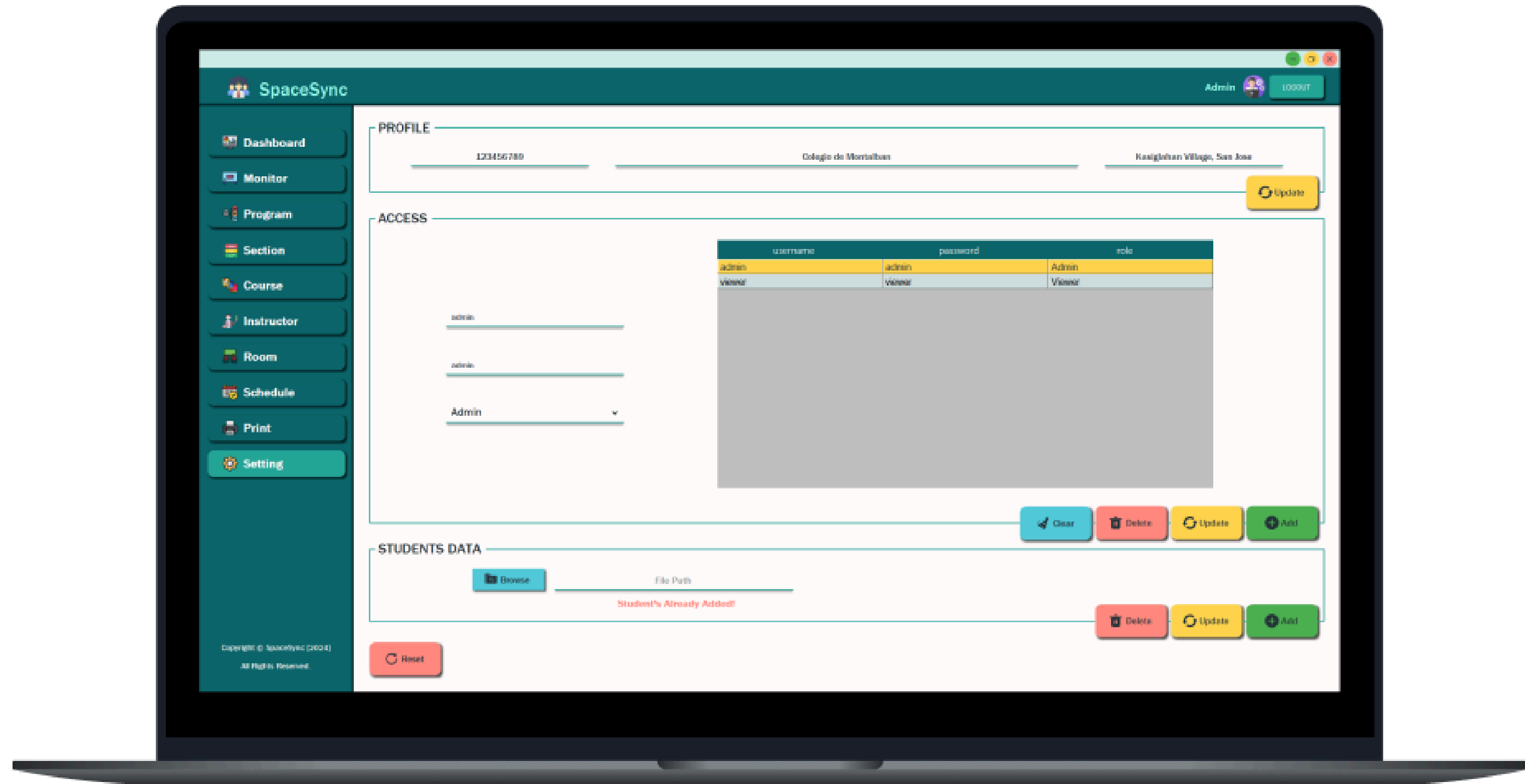
Close

Page 1

Room No	Subject Code	Description	Credits	Instructor	Section	Class Day	Time
Court	PAHFIT2	Rhythmic Activities	2	Rizzie Torres	BSIT 1B	Tue,Fri	04:00 PM - 06:00 PM
202	JOSERIZ	The life and Works of Jose Rizal	3	Who Guarte	BSIT 3B	Tue,Fri	04:00 PM - 05:30 PM
208	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2B	Tue,Fri	04:00 PM - 05:30 PM
202	ITELECT4	IT Elective 4(Platform Technologies)	3	Jonathan Ramirez	BSIT 3B	Tue,Fri	02:30 PM - 04:00 PM
208	CCPROG2	Computer Programming 2	3	Who Anore	BSIT 1B	Tue,Fri	02:30 PM - 04:00 PM
310	ITELECT2	IT Elective 2 (Object-Oriented Programming	3	Jepchion Evangelio	BSIT 2B	Tue,Fri	02:30 PM - 04:00 PM
208	ETHICS1	Ethics	3	Paul Vincent Galgo	BSIT 2B	Tue,Fri	01:00 PM - 02:30 PM
206	PURPCOM	Computer Programming 2	3	Who Perez	BSIT 1B	Tue,Fri	01:00 PM - 02:30 PM
202	ITDWADM	Data Warehousing and Data Mining	3	Jonas Macapagal	BSIT 3B	Tue,Fri	01:00 PM - 02:30 PM
202	ITSSDEV	System Software Design	3	Cherilyn Lamadora	BSIT 2A	Tue,Fri	11:30 AM - 01:00 PM
307	ITFUDBS	Fundamentals of Databse Systems	3	Rizza Mae Brao	BSIT 2A	Tue,Fri	10:00 AM - 11:30 AM
202	LVITERA	Living in IT era	3	Who Bautista	BSIT 1A	Tue,Fri	10:00 AM - 11:30 AM
202	ITELECT4	IT Elective 4(Platform Technologies)	3	Jonathan Ramirez	BSIT 3A	Tue,Fri	08:30 AM - 10:00 AM
208	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2A	Tue,Fri	08:30 AM - 10:00 AM
206	ARTAPPR	Art Appreciation	3	Who Uson	BSIT 1A	Tue,Fri	08:30 AM - 10:00 AM
202	ITDWADM	Data Warehousing and Data Mining	3	Jonas Macapagal	BSIT 3A	Tue,Fri	07:00 AM - 08:30 AM
203	PURPCOM	Computer Programming 2	3	Who Perez	BSIT 1A	Tue,Fri	07:00 AM - 08:30 AM
307	ITIPTECH	Integrative Programming and Technologies	3	Marjon Umbay	BSIT 2B	Fri	06:00 AM - 07:00 AM



SETTING





LOGIN FOR WEB APPLICATION



Colegio de Montalban's
Class Scheduling System

Student or Instructor No.

Email


Login Type
Select role

LOGIN



WEB APPLICATION

DESKTOP

**Colegio de Montalban's**
Class Scheduling System

22-01-23

LOGOUT

WELCOMEBACK ARCE!

Your Schedule

Integrative Programming and Technologies (ITIPTECH)
Umboy
208 - PRRC
BSIT 2B

T F

04:00 PM 05:30 PM

IT Elective 2 (Object-Oriented Programming (ITELECT2)
Evangelio
310 - PRRC
BSIT 2B

T F

02:30 PM 04:00 PM

Ethics (ETHICS1)
Galgo
208 - PRRC
BSIT 2B

T F

06:00 PM 02:30 PM

Advance Computer Service System (ACSS)
BSIT 2B

Integrative Programming and Technologies (ITIPTECH)
Umboy
307 - PRRC
BSIT 2B

F


05:00 AM 07:00 AM

Search Schedule

PRINT

Room No	Subject Code	Description	Credits	Section	Instructor	Class Day	Time
208	ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	BSIT 2D	Jepchion Evangelio	Mon,Tue,Wed,Thu,Fri	09:00 PM - 10:00 PM
202	JOSER2	The life and Works of Jose Rizal	3	BSIT 3B	Who Duarte	Tue,Fri	04:00 PM - 05:30 PM
Court	PAHRT2	Rhythmic Activities	2	BSIT 1B	Rizal Torres	Tue,Fri	04:00 PM - 05:00 PM
208	ITIPTECH	Integrative Programming and Technologies	3	BSIT 2B	Marjon Umboy	Tue,Fri	04:00 PM - 05:30 PM
208	CCPR002	Computer Programming 2	3	BSIT 1B	Who Anora	Tue,Fri	02:30 PM - 04:00 PM
202	ITELECT4	IT Elective 4(Platform Technologies)	3	BSIT 3B	Jonathan Ramirez	Tue,Fri	02:30 PM - 04:00 PM
310	ITELECT2	IT Elective 2 (Object-Oriented Programming)	3	BSIT 2B	Jepchion Evangelio	Tue,Fri	02:30 PM - 04:00 PM
202	ITDWADM	Data Warehousing and Data Mining	3	BSIT 3B	Jonas Macapagal	Tue,Fri	01:00 PM - 02:30 PM
208	ETHICS1	Ethics	3	BSIT 2B	Paul Vincent Galgo	Tue,Fri	01:00 PM - 02:30 PM
208	PURPCOM	Computer Programming 2	3	BSIT 1B	Who Perez	Tue,Fri	01:00 PM - 02:30 PM
307	ITFUDBS	Fundamentals of Database Systems	3	BSIT 2A	Riza Mae Braso	Tue,Fri	10:00 AM - 11:30 AM
202	LVITERA	Living in IT era	3	BSIT 1A	Who Bautista	Tue,Fri	10:00 AM - 11:30 AM
208	ARTAPPR	Art Appreciation	3	BSIT 1A	Who Usan	Tue,Fri	08:30 AM - 10:00 AM
202	ITELECT4	IT Elective 4(Platform	3	BSIT 3A	Jonathan	Tue,Fri	08:30 AM -

MOBILE

**Colegio de Montalban's**
Class Scheduling System

22-01-23

LOGOUT

WELCOMEBACK ARCE!

Your Schedule

Integrative Programming and Technologies (ITIPTECH)
Umboy
208 - PRRC
BSIT 2B

T F

04:00 PM 05:30 PM

IT Elective 2 (Object-Oriented Programming (ITELECT2)
Evangelio
310 - PRRC
BSIT 2B

T F

02:30 PM 04:00 PM

Ethics (ETHICS1)
Galgo
208 - PRRC
BSIT 2B

T F

01:00 PM 02:30 PM

Advance Computer Service System (ACSS)
BSIT 2B

Integrative Programming and



DELIMITATIONS

Despite its comprehensive functionality,
SpaceSync operates within certain constraints,

- Hardware constraints
- Software constraints
- Project Developers' constraints



DELIMITATIONS

Hardware Constraints

The system's performance may be influenced by hardware limitations such as memory and processing requirements which could impact its responsiveness and scalability.



DELIMITATIONS

Software Constraints

- System Integration
- Data Privacy
- OS Compatibility
- Back up and Recovery



DELIMITATIONS

Project Developers' Constraints

- Lack of time to integrate security
- Lack of knowledge in tech stack



DELIMITATIONS

Project developers recognize these limitations and understand that the system may not be able to cater to all possible scheduling scenarios or meet the diverse needs of each users perfectly



**THANK YOU
FOR LISTENING**



ANY QUESTIONS?