
Table of contents

1 automated_schedule	Page number: 2
2 available_days	Page number: 3
3 courses	Page number: 4
4 faculty_loadings	Page number: 5
5 faculty_loadings_testing	Page number: 6
6 manual_generated_schedule	Page number: 7
7 rooms	Page number: 8
8 sections	Page number: 9
9 semesters	Page number: 10
10 subjects	Page number: 11
11 teachers	Page number: 12
12 timeslots	Page number: 13
13 users	Page number: 14
14 Relational schema	Page number: 15

1 automated_schedule

Creation: May 18, 2023 at 12:55 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
schedcode	varchar(10)		No					
teacher	varchar(255)		No					
subject_code	varchar(255)		No					
subject_description	varchar(255)		No					
subject_type	enum('Lec', 'Lab')		Yes	NULL				
subject_units	int(11)		No					
subject_hours	double		Yes	NULL				
section_name	varchar(50)		Yes	NULL				
course_name	varchar(50)		Yes	NULL				
section_year	varchar(255)		Yes	NULL				
course_year_section	varchar(255)		No					
start_time	time		Yes	NULL				
end_time	time		Yes	NULL				
day	varchar(10)		Yes	NULL				
room_name	varchar(255)		No					
room_type	enum('lab', 'lec')		No					

2 available_days

Creation: May 19, 2023 at 12:44 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
day	varchar(20)		Yes	NULL				

3 courses

Creation: May 04, 2023 at 02:44 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
course_id	varchar(50)		No					
course_name	varchar(255)		Yes	NULL				
slots	int(255)		No					

4 faculty_loadings

Creation: May 19, 2023 at 02:43 AM
Last update: Jun 05, 2023 at 12:49 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
schedcode	varchar(10)		No					
teacher	varchar(255)		No					
subject_code	varchar(255)		No					
subject_description	varchar(255)		No					
subject_type	enum('Lec', 'Lab')		Yes	NULL				
subject_units	int(11)		No					
subject_hours	double		Yes	NULL				
section_name	varchar(50)		Yes	NULL				
course_name	varchar(50)		Yes	NULL				
section_year	varchar(255)		Yes	NULL				
course_year_section	varchar(255)		No					
start_time	time		Yes	NULL				
end_time	time		Yes	NULL				
day	varchar(10)		Yes	NULL				
room_name	varchar(255)		No					
room_type	varchar(255)		No					

5 faculty_loadings_testing

Creation: May 23, 2023 at 06:10 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No	0				
schedcode	varchar(10)		No					
teacher	varchar(255)		No					
subject_code	varchar(255)		No					
subject_description	varchar(255)		No					
subject_type	enum('Lec', 'Lab')		Yes	NULL				
subject_units	int(11)		No					
subject_hours	double		Yes	NULL				
section_name	varchar(50)		Yes	NULL				
course_name	varchar(50)		Yes	NULL				
section_year	varchar(255)		Yes	NULL				
course_year_section	varchar(255)		No					
start_time	time		Yes	NULL				
end_time	time		Yes	NULL				
day	varchar(10)		Yes	NULL				
room_name	varchar(255)		No					
room_type	varchar(255)		No					

6 manual_generated_schedule

Creation: May 05, 2023 at 11:33 AM
Last update: Jun 05, 2023 at 12:28 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
schedcode	varchar(10)		No					
teacher	varchar(255)		No					
subject_code	varchar(255)		No					
subject_description	varchar(255)		No					
subject_type	enum('Lec', 'Lab')		Yes	NULL				
subject_units	int(11)		No					
subject_hours	double		Yes	NULL				
section_name	varchar(50)		Yes	NULL				
course_name	varchar(50)		Yes	NULL				
section_year	varchar(255)		Yes	NULL				
course_year_section	varchar(255)		No					
start_time	time		Yes	NULL				
end_time	time		Yes	NULL				
day	varchar(10)		Yes	NULL				
room_name	varchar(255)		No					
room_type	varchar(255)		No					

7 rooms

Creation: Mar 19, 2023 at 10:51 PM
Last update: Jun 05, 2023 at 12:27 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(100)		No		auto_increment			
room_id	varchar(255)		No					
room_name	varchar(255)		Yes	NULL				
room_type	varchar(255)		Yes	NULL				
room_capacity	bigint(100)		No					

8 sections

Creation: May 04, 2023 at 02:47 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
section_id	int(11)		No					
section_name	varchar(255)		No					

9 semesters

Creation: Mar 20, 2023 at 12:19 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
semester_name	varchar(50)		No					
semester_id	varchar(100)		No					
start_year	bigint(255)		No					
end_year	bigint(255)		No					

10 subjects

Creation: May 21, 2023 at 05:01 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(100)		No		auto_increment			
subject_code	varchar(255)		No					
subject_description	varchar(255)		No					
subject_type	enum('Lec', 'Lab')		Yes	NULL				
subject_units	int(100)		Yes	NULL				
subject_hours	float		Yes	NULL				
timeslot_id	int(11)		Yes	NULL				

11 teachers

Creation: Mar 20, 2023 at 12:27 AM
Last update: Jun 05, 2023 at 12:27 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(6)	UNSIGNED	No		auto_increment			
teacher_id	bigint(20)		No					
firstname	varchar(255))		Yes	NULL				
lastname	varchar(255))		Yes	NULL				

12 timeslots

Creation: Jun 01, 2023 at 09:00 PM

Last update: Jun 05, 2023 at 12:47 AM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
start_time	time		No					
end_time	time		No					
duration	time		Yes	NULL				
timeslot_id_based_on_duration	int(200)		No					
availability	int(1)		Yes	1				

13 users

Creation: May 30, 2023 at 02:50 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
id	int(11)		No		auto_increment			
name	varchar(255)		No					
email	varchar(255)		No					
password	varchar(255)		No					
login_attempts	int(11)		Yes	0				
last_failed_login	timestamp		Yes	NULL				

timeslots
id
start time
end time
duration
timeslot id based on duration
availability

users
id
name
email
password
login_attempts
last_failed_login

manual_generated_schedule
id
schedcode
teacher
subject code
subject description
subject type
subject units
subject hours
section name
course name
section_year
course_year_section
start time
end time
day
room name
room type

teachers
id
teacher id
firstname
lastname

available
id
day

semesters
id
semester name
semester id
start year
end year

automated_schedule
id
schedcode
teacher
subject code
subject description
subject type
subject units
subject hours
section name

rooms
id
room id
room name
room type
room capacity
room name
room type

courses
id
course id
course name
slots

subjects
id
subject code
subject description
subject type
subject units
subject hours
timeslot id

faculty_loadings_testing
id
schedcode
teacher
subject code
subject description
subject type
subject units
subject hours
section name
course name
section_year
course_year_section
start time
end time
day
room name
room type

faculty_loadings
id
schedcode
teacher
subject code
subject description
subject type
subject units
subject hours
section name
course name
section_year
course_year_section
start time
end time
day
room name
room type

sections
id
section id
section_name