

Table of contents
-------------------

1 computers	Page number: 2
2 maintenance	Page number: 3
3 reservations	Page number: 4
4 users	Page number: 5
5 user_roles	Page number: 6
6 Relational schema	Page number: 7

1 computers

Creation: Mar 17, 2025 at 03:53 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
computer_id	int(11)		No		auto_increment			
computer_name	varchar(100)		Yes	NULL				
status	enum('Available', 'Reserved', 'Under Maintenance')		No					

## 2 maintenance

Creation: Mar 17, 2025 at 04:15 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
maintenance_id	int(11)		No		auto_increment			
computer_id	int(11)		Yes	NULL		-> computers.computer_id ON UPDATE RESTRICT ON DELETE RESTRICT		
maintenance_date	datetime		Yes	current_timestamp()				
description	varchar(100)		Yes	NULL				

## 3 reservations

Creation: Mar 17, 2025 at 04:12 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
reservation_id	int(11)		No		auto_increment			
user_id	int(11)		Yes	NULL		-> users.user_id ON UPDATE RESTRICT ON DELETE RESTRICT		
computer_id	int(11)		Yes	NULL		-> computers.computer_id ON UPDATE RESTRICT ON DELETE RESTRICT		
reservation_date	datetime		Yes	current_timestamp()				
reservation_status	enum('Active', 'Completed', 'Cancelled')		No					

## 4 users

Creation: Mar 17, 2025 at 04:06 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
user_id	int(11)		No		auto_increment			
fname	varchar(40)		Yes	NULL				
lname	varchar(40)		Yes	NULL				
email	varchar(100)		Yes	NULL				
phone	varchar(20)		Yes	NULL				
password	varchar(255)		Yes	NULL				
role_id	int(11)		Yes	NULL		-> user_roles.role_id ON UPDATE RESTRICT ON DELETE RESTRICT		
status	enum('Active', 'Inactive')		No					

5 user\_roles

Creation: Mar 17, 2025 at 03:49 PM

Column	Type	Attributes	Null	Default	Extra	Links to	Comments	MIME
role_id	int(11)		No		auto_increment			
role_name	enum('admin', 'student', 'technician')		No					

