

Adding chemicals

Column Name	Data Type	Description
Chemical ID	INTEGER	The unique identifier for the chemical being added.
Chemical Name	VARCHAR	The name of the chemical being added.
Quantity	INTEGER	The quantity of the chemical being added.
Status	VARCHAR	The current status of the chemical (e.g., available, expired).
Chemical Description	VARCHAR	Additional information or description about the chemical.
Date Added	DATE	The date when the chemical was added to the system.
Date Expiration	DATE	The expiration date of the chemical.
Admin ID	INTEGER	The unique identifier of the administrator who added the chemical.

Admin Table

Column Name	Data Type	Description
Admin ID	INTEGER	The unique identifier for the administrator.
Admin Name	VARCHAR	The name of the administrator.
Contact Information	VARCHAR	The contact information for the administrator.

Adding Tools

Column Name	Data Type	Description
Tool ID	INTEGER	The unique identifier for the tool being added.

Tools Name	VARCHAR	The name of the tool being added.
Tool Brand	VARCHAR	The brand or manufacturer of the tool.
Tool Description	VARCHAR	Additional information or description about the tool.
Quantity	INTEGER	The quantity of the tool being added.
Status	VARCHAR	The current status of the tool (e.g., available, out of stock).
Price	DECIMAL	The price of the tool.
Date Added	DATE	The date when the tool was added to the system.
Admin ID	INTEGER	The unique identifier of the administrator who added the tool.

Student Table

Column Name	Data Type	Description
Student ID	INT	The unique identifier for the student.
First Name	VARCHAR	The first name of the student.
Last Name	VARCHAR	The last name of the student.
Gender	VARCHAR	The gender of the student.
Contact Data	VARCHAR	The contact information for the student.
Department	VARCHAR	The department or program in which the student belongs.
Year	INT	The academic year of the student.
Student ID	INT	The unique identifier for the student.

Faculty Table

Column Name	Data Type	Description
Faculty ID	INTEGER	The unique identifier for the faculty member.
First Name	VARCHAR	The first name of the faculty member.
Last Name	VARCHAR	The last name of the faculty member.
Gender	VARCHAR	The gender of the faculty member.

Contact Data	VARCHAR	The contact information for the faculty member.
Department	VARCHAR	The department or program in which the faculty member belongs.

User Table

Column Name	Data Type	Description
User ID	INTEGER	The unique identifier for the user.
User Name	VARCHAR	The name of the user.

Borrowing Transaction

Column Name	Data Type	Description
Borrowing ID	INTEGER	The unique identifier for the borrowing transaction.
User ID	INTEGER	The identifier of the user associated with the transaction.
Borrowing Date	DATE	The date when the borrowing took place.
Due Date	DATE	The due date for returning the borrowed item.
Return Date	DATE	The date when the borrowed item was returned.
Status	VARCHAR	The status of the borrowing transaction.

Equipment's Table

Column Name	Data Type	Description
Equipment ID	INTEGER	The unique identifier for the equipment.
Equipment Type	VARCHAR	The type or category of the equipment.
Availability	VARCHAR	The availability status of the equipment

Chemicals

Column Name	Data Type	Description
Chemical ID	INTEGER	The unique identifier for the chemical.

Chemical Name	VARCHAR	The name of the chemical.
Quantity	INTEGER	The quantity of the chemical.
Status	VARCHAR	The status of the chemical.
Chemical Description	VARCHAR	Additional information or description about the chemical.
Date Added	DATE	The date when the chemical was added to the system.
Date Expiration	DATE	The expiration date of the chemical.
Admin ID	INTEGER	The identifier of the admin who added the chemical.

Tools

Column Name	Data Type	Description
Tool ID	INTEGER	The unique identifier for the tool.
Tools Name	VARCHAR	The name of the tool.
Tool Brand	VARCHAR	The brand or manufacturer of the tool.
Tool Description	VARCHAR	Additional information or description about the tool.
Quantity	INTEGER	The quantity of the tool.
Status	VARCHAR	The status of the tool.
Price	DECIMAL	The price of the tool.
Date Added	DATE	The date when the tool was added to the system.
Admin ID	INTEGER	The identifier of the admin who added the tool.

Student Return Table

Column Name	Data Type	Description
Student ID	INT	The unique identifier for the student.
First Name	VARCHAR	The first name of the student.
Last Name	VARCHAR	The last name of the student.
Gender	VARCHAR	The gender of the student.
Contact Data	VARCHAR	The contact information for the student.
Department	VARCHAR	The department or program in which the student belongs.
Year	INT	The academic year of the student.

Section	VARCHAR	The section or group the student is assigned to.
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Faculty Return

Column Name	Data Type	Description
Faculty ID	INTEGER	The unique identifier for the faculty member.
First Name	VARCHAR	The first name of the faculty member.
Last Name	VARCHAR	The last name of the faculty member.
Gender	VARCHAR	The gender of the faculty member.
Contact Data	VARCHAR	The contact information for the faculty member.
Department	VARCHAR	The department or program in which the faculty member belongs.

User Return

Column Name	Data Type	Description
User ID	INTEGER	The unique identifier for the user.
User Name	VARCHAR	The name of the user.

Borrowing Transaction Return

Column Name	Data Type	Description
Return ID	INTEGER	The unique identifier for the return transaction.
Borrowing ID	INTEGER	The unique identifier for the borrowing transaction.
Return Date	DATE	The date when the borrowed item was returned.
User ID	INTEGER	The identifier of the user associated with the transaction.
Status	VARCHAR	The status of the borrowing transaction.

Borrowing Transaction

Column Name	Data Type	Description
Borrowing ID	INTEGER	The unique identifier for the borrowing transaction.
User ID	INTEGER	The identifier of the user associated with the transaction.
Borrowing Date	DATE	The date when the borrowing took place.
Due Date	DATE	The due date for returning the borrowed item.
Return Date	DATE	The date when the borrowed item was returned.
Status	VARCHAR	The status of the borrowing transaction.

Equipment's Table

Column Name	Data Type	Description
Equipment ID	INTEGER	The unique identifier for the equipment.
Equipment Type	VARCHAR	The type or category of the equipment.
Availability	VARCHAR	The availability status of the equipment

Chemicals

Column Name	Data Type	Description
Chemical ID	INTEGER	The unique identifier for the chemical.
Chemical Name	VARCHAR	The name of the chemical.
Quantity	INTEGER	The quantity of the chemical.
Status	VARCHAR	The status of the chemical.
Chemical Description	VARCHAR	Additional information or description about the chemical.
Date Added	DATE	The date when the chemical was added to the system.
Date Expiration	DATE	The expiration date of the chemical.
Admin ID	INTEGER	The identifier of the admin who added the chemical.

Tools

Column Name	Data Type	Description
Tool ID	INTEGER	The unique identifier for the tool.
Tools Name	VARCHAR	The name of the tool.
Tool Brand	VARCHAR	The brand or manufacturer of the tool.
Tool Description	VARCHAR	Additional information or description about the tool.
Quantity	INTEGER	The quantity of the tool.
Status	VARCHAR	The status of the tool.
Price	DECIMAL	The price of the tool.
Date Added	DATE	The date when the tool was added to the system.
Admin ID	INTEGER	The identifier of the admin who added the tool.