BookHive ERD

Reports
PK	report_id
FK1	librarian_id
	report_type
	date_generated
	details

Librarians
PK	librarian_id
	librarian_name
	librarian_email
	librarian_password

Genres
PK	genre_id
	genre_name
	description

Books
PK	book_id
	title
FK1	author_id
FK2	genre_id
	date_added
	quantity_total
	quantity_available

Authors
PK	author_id
	author_name
	biography

AuditLogs
PK	log_id
FK1	student_id
FK2	librarian_id
	action
	target_id
	timestamp
	details

Notifications
PK	notif_id
FK1	student_id
FK2	librarian_id
	type
	message
	date_sent
	status

Recommendations
PK	rec_id
FK1	student_id
FK2	book_id
	availability_status
	recommended_on
	suggested_source

Loans
PK	loan_id
FK1	student_id
FK2	book_id
FK3	penalty_id
	borrow_date
	extended_due_date
	due_date
	return_date
	status

Students
PK	student_id
	student_name
	student_year_level
	student_email
	student_password

Penalties
PK	penalty_id
FK1	loan_id
FK2	student_id
	amount
	status
	date_assessed
	date_paid