

Table: book		
Column	Data type	Constraints
id	INTEGER	<ul style="list-style-type: none"> •NOT NULL •PRIMARY KEY •UNIQUE
isbn	STRING	
condition	INTEGER	
Global table constraints		
•FOREIGN KEY (isbn) REFERENCES booktype (ISBN)		

Table: booktype		
Column	Data type	Constraints
isbn	STRING	<ul style="list-style-type: none"> •NOT NULL •UNIQUE
title	TEXT	•NOT NULL
subject	STRING	•NOT NULL
storage	INTEGER	
Global table constraints		
•PRIMARY KEY (isbn)		

Table: rental		
Column	Data type	Constraints
id	INTEGER	<ul style="list-style-type: none"> •PRIMARY KEY •UNIQUE •NOT NULL
student_id	INTEGER	<ul style="list-style-type: none"> •REFERENCES student (id) •NOT NULL
book_id	INTEGER	<ul style="list-style-type: none"> •REFERENCES book (id) •NOT NULL
rental_date	DATE	•NOT NULL
return_date	DATE	

Table: student		
Column	Data type	Constraints
id	INTEGER	<ul style="list-style-type: none"> •NOT NULL •PRIMARY KEY •UNIQUE

last_name	STRING	•NOT NULL
first_name	STRING	•NOT NULL
class_name	STRING	•NOT NULL
birth	DATE	•NOT NULL
ldap_user	STRING	•UNIQUE

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