

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

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

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