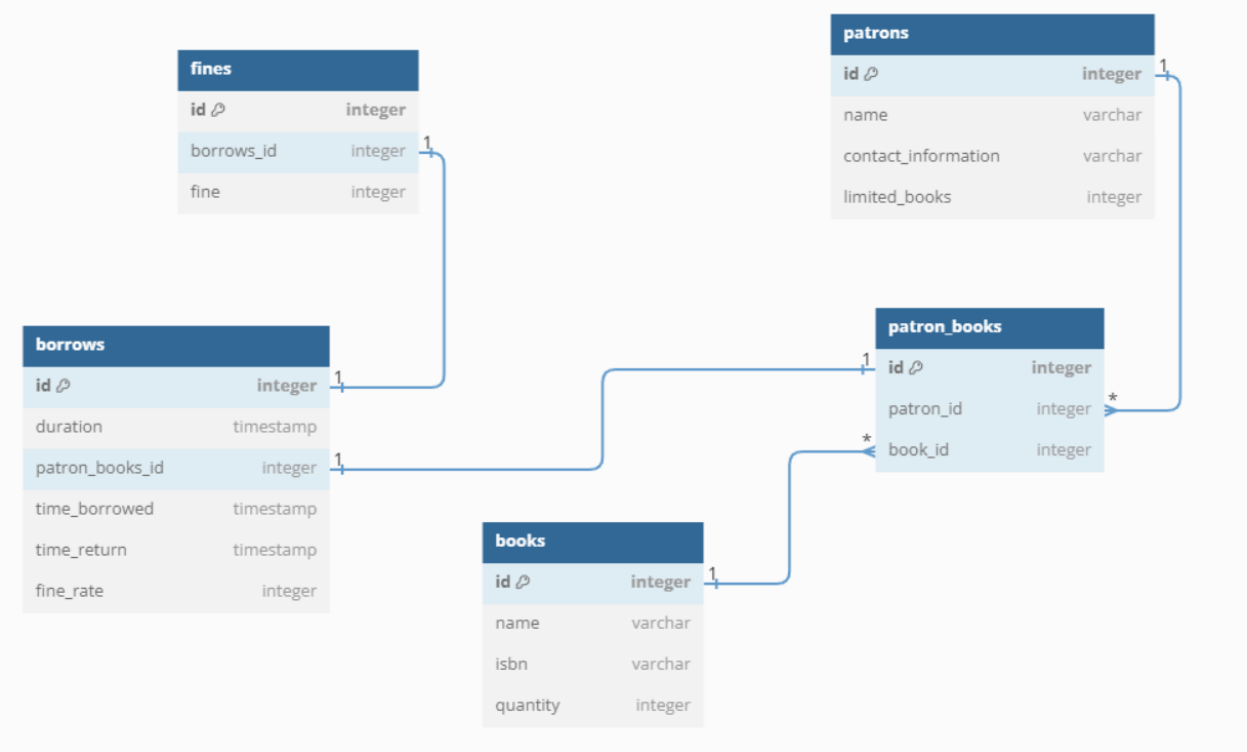
Class Diagram:

Database Diagram