**Task 1**

Diagram

Description automatically generated

🡪There are four relational tables provided. The "user" table has "ID" as its primary key, which also serves as a foreign key in the "Receipts" table. The relationship between the "user" and "receipts" tables is **one-to-many**.

🡪Each row in the "receipts" table corresponds to one or more rows in the "receipt\_items" table, with a **one-to-many** relationship.

🡪The "receipt" table summarizes all transactions from all stores and records each transaction at a high level.

🡪The "receipt\_items" table details each transaction and lists the individual items purchased.

🡪The "brands" table lists all the brands available across all stores, with a **many-to-one** relationship to the "receipt\_items" table, joined by the "Brand\_code" attribute.