

Solutions

2.1

- A value that uniquely identifies a row in a table.

2.2

- A foreign key.

2.3

- The same detail is duplicated in many rows.
- A name change may be updated inconsistently.

3.1

- The loans table is an entity recording each loan.
- It has its own primary key.
- It stores a member foreign key and a book foreign key.
- Each foreign key points to the matching primary key in its table.

3.2

- It identifies exactly one record.
- The system updates or deletes the intended row.
- It avoids confusing two records with similar names or values.
- This protects consistency in related tables.