book table

```
CREATE TABLE book(
  ISBN INTEGER,
  title VARCHAR(100),
  authors VARCHAR(100),
  publisher VARCHAR(100),
  year_pub INTEGER,
  copies INTEGER,
  price REAL,
  tag VARCHAR(50),
  format VARCHAR(9) CHECK(format="hardcopy" OR format="softcopy"),
  subject VARCHAR(50),
  PRIMARY KEY(ISBN)
)
```

customer table

```
CREATE TABLE customer(
  name VARCHAR(100),
  user VARCHAR(20),
  password VARCHAR(20),
  card_no VARCHAR(16),
  address VARCHAR(100),
  phone_no INTEGER,
  PRIMARY KEY(user)
)
```

invoice table

```
CREATE TABLE invoice(
  number INTEGER,
  date DATE,
  status VARCHAR(50),
  user VARCHAR(20) NOT NULL,
  PRIMARY KEY(number),
  FOREIGN KEY (user) REFERENCES customer
)
```

order relation

```
CREATE TABLE order(
  number INTEGER,
  user VARCHAR(20),
  PRIMARY KEY(user, number),
  FOREIGN KEY (user) REFERENCES customer,
  FOREIGN KEY (number) REFERENCES invoice

)
```

content relation

```sql
CREATE TABLE content(
  number INTEGER,
  ISBN INTEGER,
  copies INTEGER,
  PRIMARY KEY (number, ISBN),
  FOREIGN KEY (number) REFERENCES invoice,
  FOREIGN KEY (ISBN) REFERENCES book
)
```

feedback relation

```sql
CREATE TABLE feedback(
  ISBN INTEGER,
  user VARCHAR(20),
  comment TEXT,
  date DATE,
  score INTEGER,
  PRIMARY KEY (ISBN, user),
  FOREIGN KEY (ISBN) REFERENCES book,
  FOREIGN KEY (user) REFERENCES customer
)
```

rating relation

```sql
CREATE TABLE rating(
  ISBN INTEGER,
  user_feedback VARCHAR(20),
  user_rate VARCHAR(20),
  rate INTEGER,
  PRIMARY KEY((ISBN, user_feedback), user_rate),
  FOREIGN KEY (ISBN, user_feedback) REFERENCES feedback,
  FOREIGN KEY (user_rate) REFERENCES customer
)
```