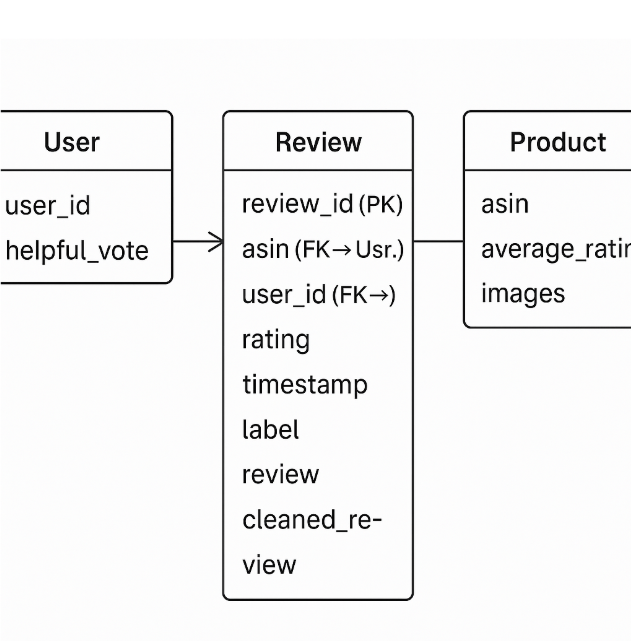
# Database Design

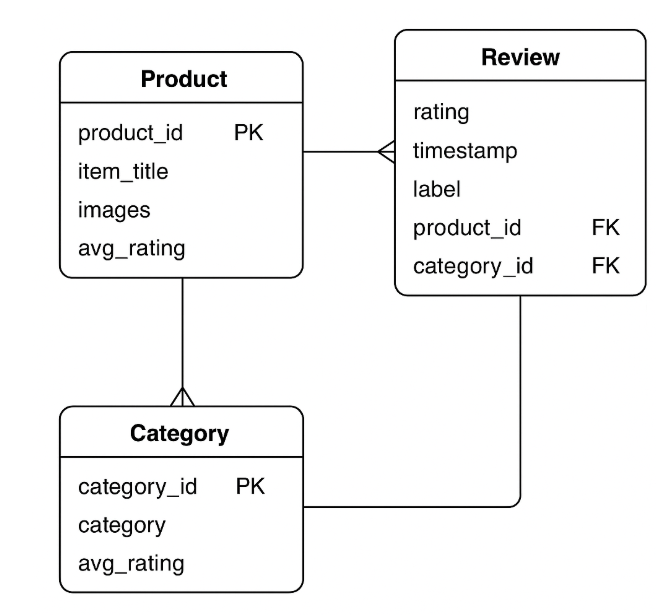
**Document Title:** Database Design  
**Activity ID:** M2.5  
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**Project Team ID:** TP706-S1-Team2   
**Project Team Name**:Team 2

## Database Design

Amazon Review 2023



Fake Review Detection Dataset (Small)



## 2. Table Structure

**Amazon Review 2023**

1.Product

* product\_id INT PRIMARY KEY AUTO\_INCREMENT,
* item-title VARCHAR(255) NOT NULL,
* images TEXT,
* average\_rating FLOAT,
* category\_id INT NOT NULL,
* FOREIGN KEY (category\_id) REFERENCES Category(category\_id)

2.Review

* review\_id INT PRIMARY KEY AUTO\_INCREMENT,
* product\_id INT,
* category\_id INT,
* rating DECIMAL(2, 1) NOT NULL,
* review\_text TEXT NOT NULL,
* cleaned\_review TEXT NOT NULL,
* timestamp DATETIME NOT NULL,
* FOREIGN KEY (product\_id) REFERENCES Product(product\_id)

3.Category

* category\_id INT PRIMARY KEY AUTO\_INCREMENT,
* name VARCHAR(100) NOT NULL,
* avg\_rating FLOAT NOT NULL

**Fake Review Dataset (Small)**

1.Product

* asin VARCHAR(20) PRIMARY KEY,
* average\_rating DECIMAL(2,1) NOT NULL,
* images TEXT

2.Category

* category\_id INT PRIMARY KEY AUTO\_INCREMENT,
* name VARCHAR(100) NOT NULL,
* description TEXT

3.Review

* review\_id INT PRIMARY KEY AUTO\_INCREMENT,
* product\_id INT,
* user\_name VARCHAR(100) NOT NULL,
* rating DECIMAL(2, 1) NOT NULL,
* review\_text TEXT NOT NULL,
* review\_date DATETIME NOT NULL,
* FOREIGN KEY (product\_id) REFERENCES Product(product\_id)