**A symbol of an egyptian god

AI-generated content may be incorrect.**

**Cairo University**

**Faculty of Computers and Artificial intelligence**

**IS211: Introduction to Database Systems**

**Super Market (Phase 1)**

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1. **ERD:**

**A diagram of a data flow

AI-generated content may be incorrect.**

1. **Requirements:**

|  |  |  |
| --- | --- | --- |
|  | **Requirement** | **Description** |
| **RQ001** | the most bought product | That had maximum number of customers |
| **RQ002** | the product that has no customers | never bought for specific month |
| **RQ003** | the customer that did not buy any product since year | The customer who is registered but not buy any product since year |
| **RQ004** | the customer that made the highest purchase | The customer made highest number of orders and purchased in month |
| **RQ005** | Is the supermarket selling electric appliances more or food products more | What is the highest category appliances or food? |
| **RQ006** | Details of product | retrieve all its information, the number of customers who bought it and |
| **RQ007** | Log in | Enter his account using mail and password (whether he is an admin or user) |
| **RQ008** | Sign up | make new user to database (whether he is admin or user) and enter whole information name, address, phone number, email and password. |
| **RQ009** | Admin functions | Add, edit, delete: category  Add, edit, delete: product |
| **RQ010** | Customer functions | Add, edit, delete: orders |