### 3.1.41 Sales Statistics

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| --- | --- |
| Description | Shop manager statistics activity of shop |
| Actor | Shop manager |
| Pre-condition | Shop manager login to system and access functionality of statistics |
| Post-condition | Screen sale statistic |
| Data Table | Order and OrderProduct |
| Usage Frequency | Often | Regular | Low |
| Criticality | High | Normal | Low |
| Denpendencies | N/A |

**Activity Flow**

|  |  |
| --- | --- |
| Actor | System |
| 1. Shop Manager Access functionality of statistics | 2. System display statistics Screen |
| 3. Manager input to filter fields (start day and end day) |  |
| 4. Manager press on button “Xem thống kê” | 5. Systems load informations of all orders from database to application |
|  | 6. Checked data of orders is null |
|  | 7. Systems handling datas and displays sales statistics to chart and table (Group by Date or Product or ProductCategory) |
| 8. Manager press on button "Chi tiết" | 9. Systems handling datas and displays detail orders to page. |

**Alternative Flow**

* If “Checked data of orders is null” have result is true, then Show message " Không tìm thấy dử liệu thống kê ".
* If “Manager press on button "Chi tiết"” have result is false, then don’t do anything.
* If “Shop Id is null”: display “Không tìm thấy shop.”

**Bussiness Rules:**

|  |  |
| --- | --- |
| BR ID | Description |
| 1 | Doanh thu: Total= (∑(UnitPrice\*Quantity)/100\* (100-discountProduct))  Nếu Total >=BasePurchase thì Total /100 \*(100-discountPromotion) |

**Wireframes**