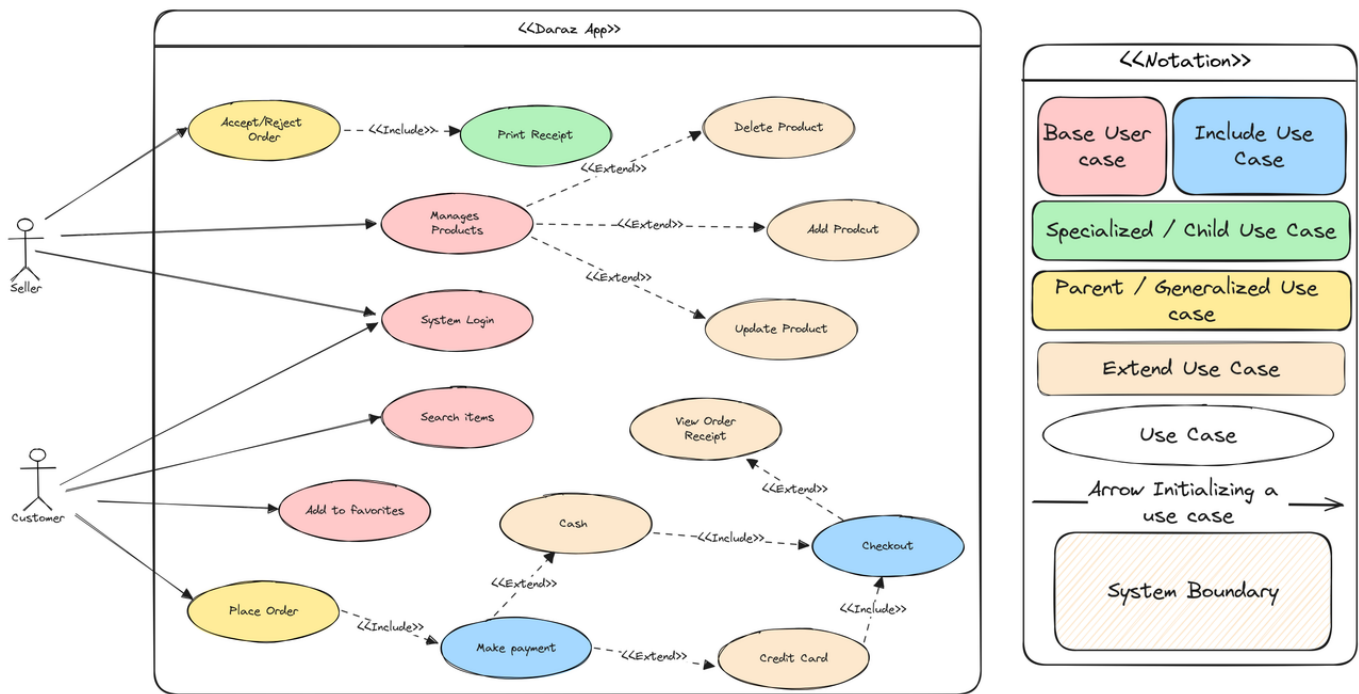


## Muhammad Rehan | 22p-9106 | Lab Task 02 |



### Assumptions:

- The **Accept and Reject** use case is parent, and **Print Receipt** is child. It could be inclusive, but parent/child makes more sense here, as **print receipt** comes after the **accept/reject** code.
- **Manage products** is the base case, and **delete**, **add**, and **update** are extended but not included, because including them means all of them will be executed but only one of them will be executed at a time.
- **Login**, **search**, and **add to favorites** are simple relational use cases.
- **Place order** is parent and **make payment** is included as it will be executed always, and **cash** and **credit card** is extended because only one of them will be executed.

*I added a use case **checkout** as it should be part of the use case diagram as it's an individual process in itself. and as mentioned in the lab task, the **view order** is optional, so it is extended.*