

FoodHub System Demo

Esoft Metro Campus – Kalutara Branch

Level 5 Pearson BTEC HND in Computing (General)

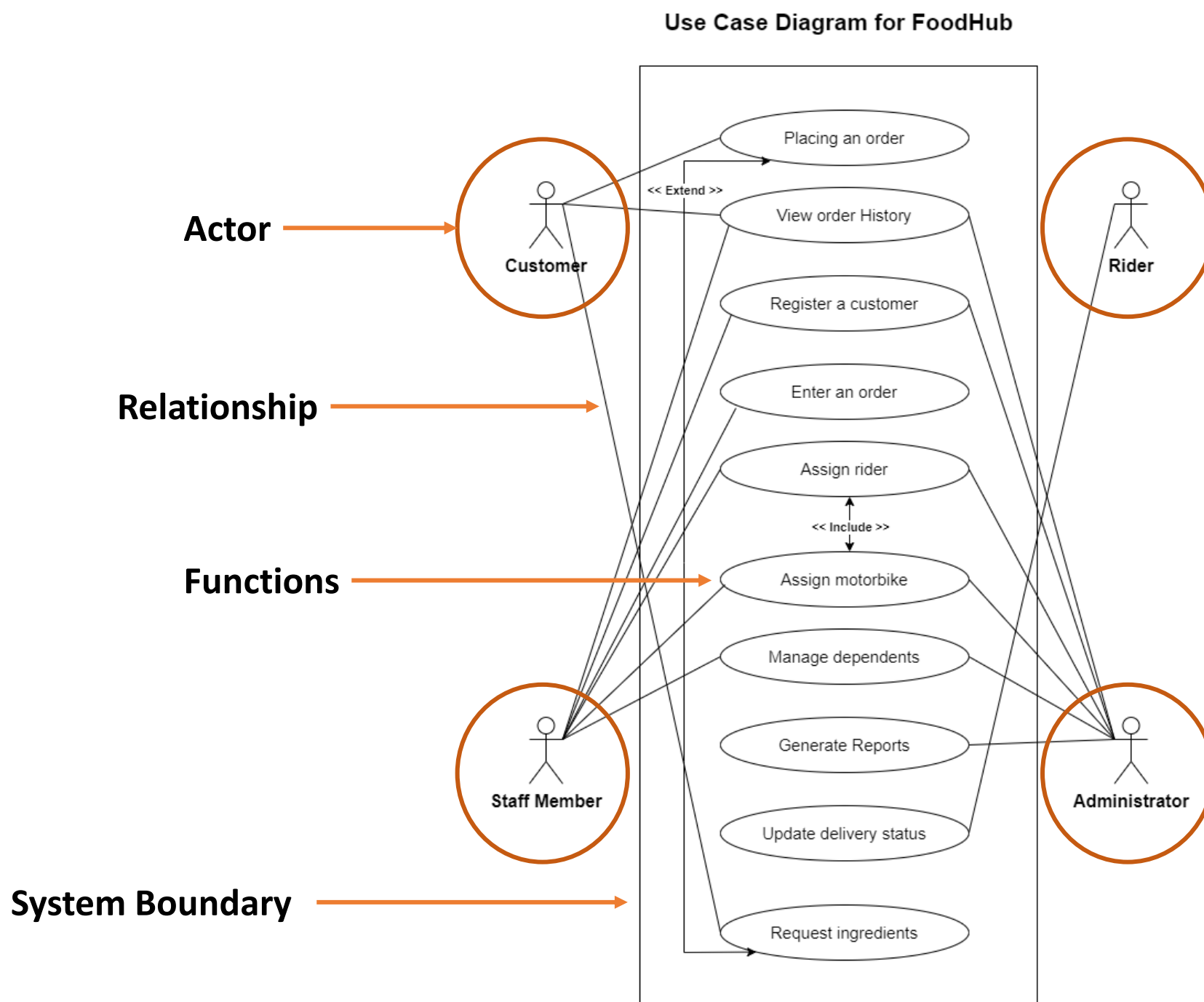


Devindu Malshan
Palandagama Acharige
00258801

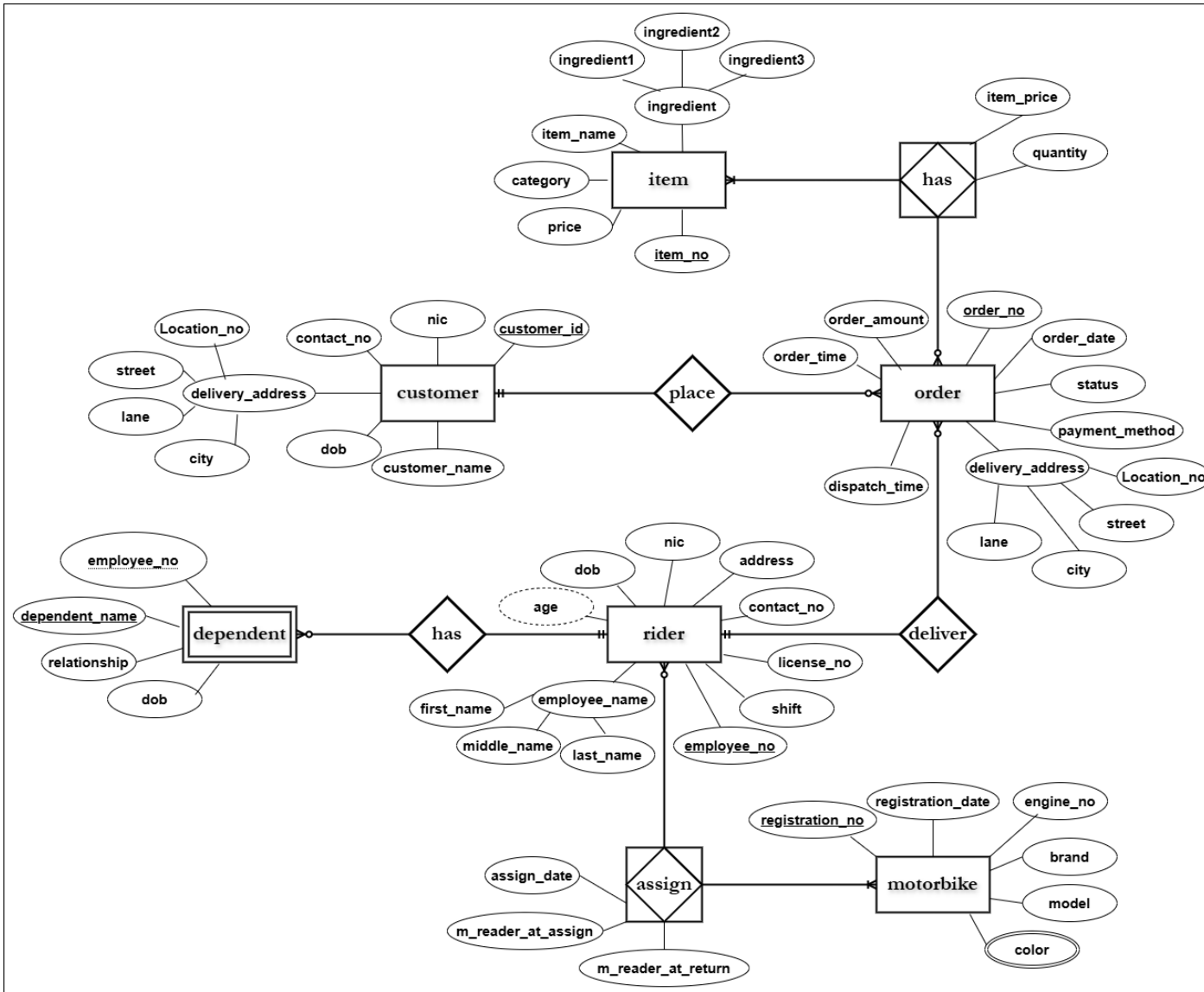
Content

- Usecase Diagram
- Entity Relationship Diagram (ERD)
- DFD L0 & L1
- FoodHub System Architecture
- System Demo

Usecase For FoodHub



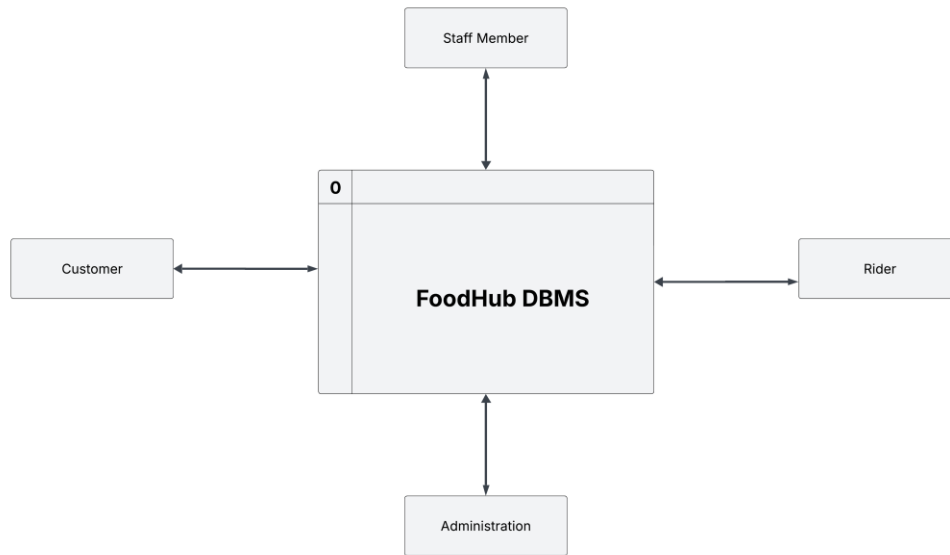
Entity Relationship Diagram (ERD)



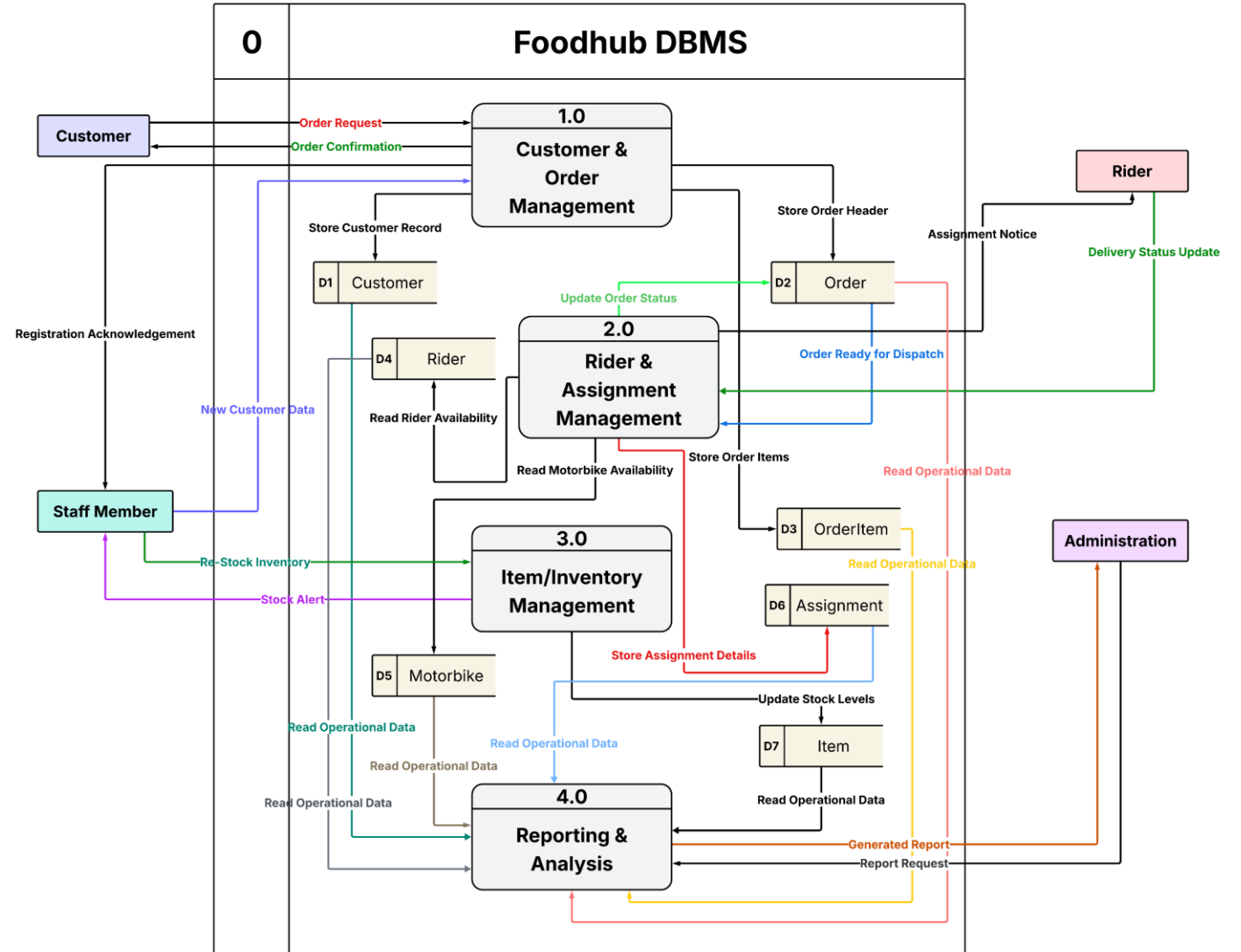
Relationship Name	Entities Involved	Cardinality	Description
places	Customer – Order	One-to-Many (1:N)	A customer can place several orders, but each order is placed by only one customer.
has	Order – Item	Many-to-Many (M:N)	An order can contain multiple items, and each item can appear in multiple orders.
delivers	Rider – Order	One-to-Many (1:N)	A rider can deliver multiple orders, but each order is delivered by one rider.
has	Rider – Dependent	One-to-Many (1:N)	A rider can have multiple dependents.
assign	Rider – Motorbike	Many-to-Many (M:N)	A rider can be assigned different motorbikes over time, and motorbikes may be reused by different riders.

DFD L0 & L1

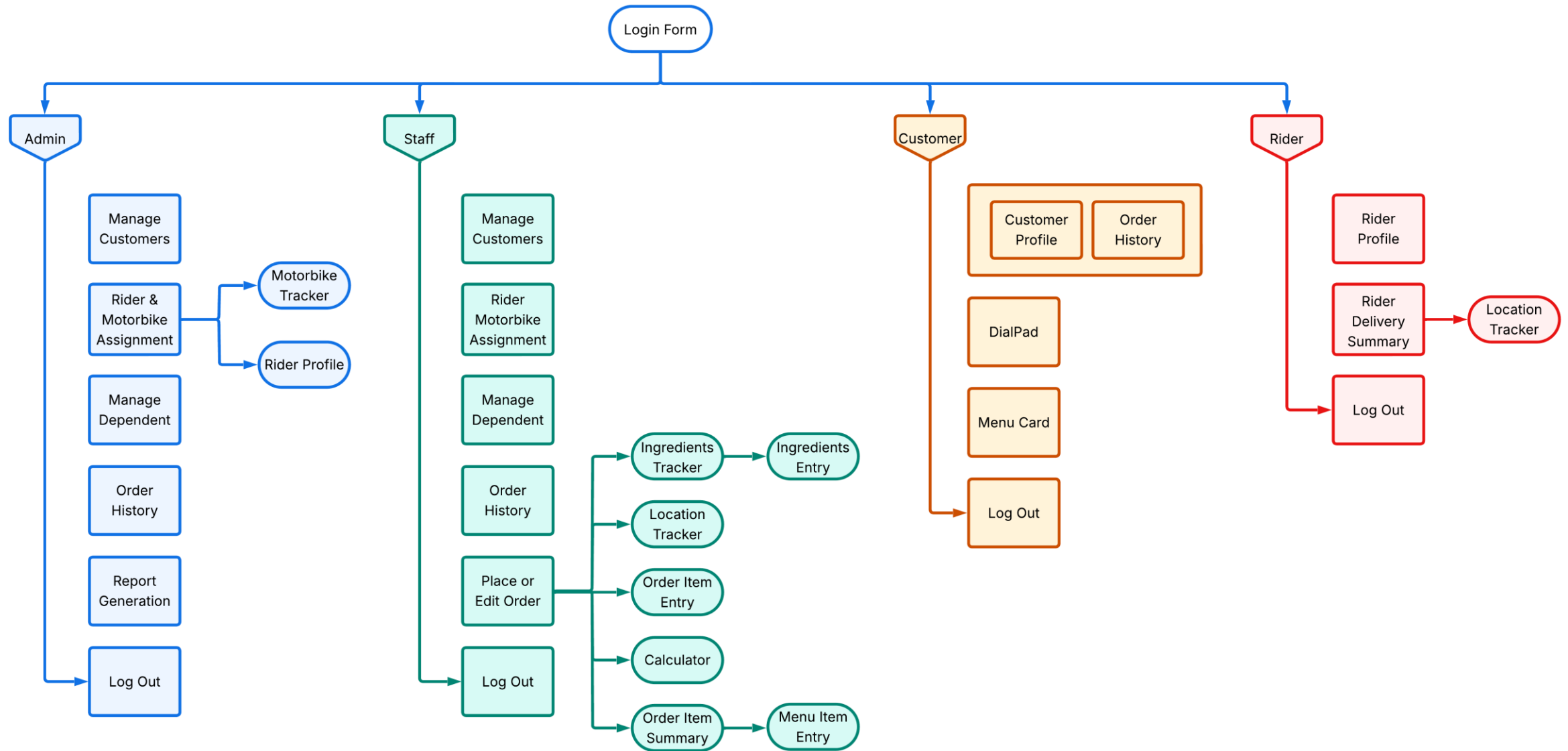
Level 0



Level 1



Foodhub System Map



System Demo



Thank You!