**Pizza Parlour Microservices**

Registering as a customer

Customer model

* Name
* Phone Number
* Email
* Password
* Product Preferences (optional)
* Marketing for new offers? (separate service)
* Delivery Address
* Add Payment Method
* Order History?

Process

* Registering as a customer
* Updating a customer account
* Deleting a customer

Potential Services and Infrastructure

* Customer Manager API
* Customer Aggregate Service (Change Feed)
* Customer Source Collection
* Customer Aggregate Collection

Making an order

Order model

* Order Id
* Customer Id
* Order Date
* Items
* Delivery or Pickup
* Delivery Instructions
* Address
  + Store Location if pickup, Customer address if delivery
* Order Cost
* Payment Method
* Order Status

Process

* Adding items to order
* Adding a delivery time
* Choosing a delivery location or picking up in store
* Calculating the cost of the order based on items picked.
  + Pick up or delivery?
* Confirming the order
* Wait for the order
* Receive the order

Processing the order

* Receive the order
* Make the order
* Deliver the order if for delivery
* Tell customer that order is ready for pickup
  + Notify service for customer
* Order is delivered

Maintaining the menu

* Display items from menu
* Sorting items by category
* Add items to menu (only admin users)
* Delete items from menu
* Manage prices of items
* Adding extras?

Exception Handling

* Any exceptions should be sent to Service Bus or App Insights?