Day: Date:

Hackathon 3 (Day 1)

Step 1: Choose your Marketplace Type:-

Type: 2- Commerce

Primary Purpose:- To provide ultra-fast delivery of restaurant-quality food directly to customer's doorstep Focus on convience, freshness, and speed

Step 2: Define your Business Goals:

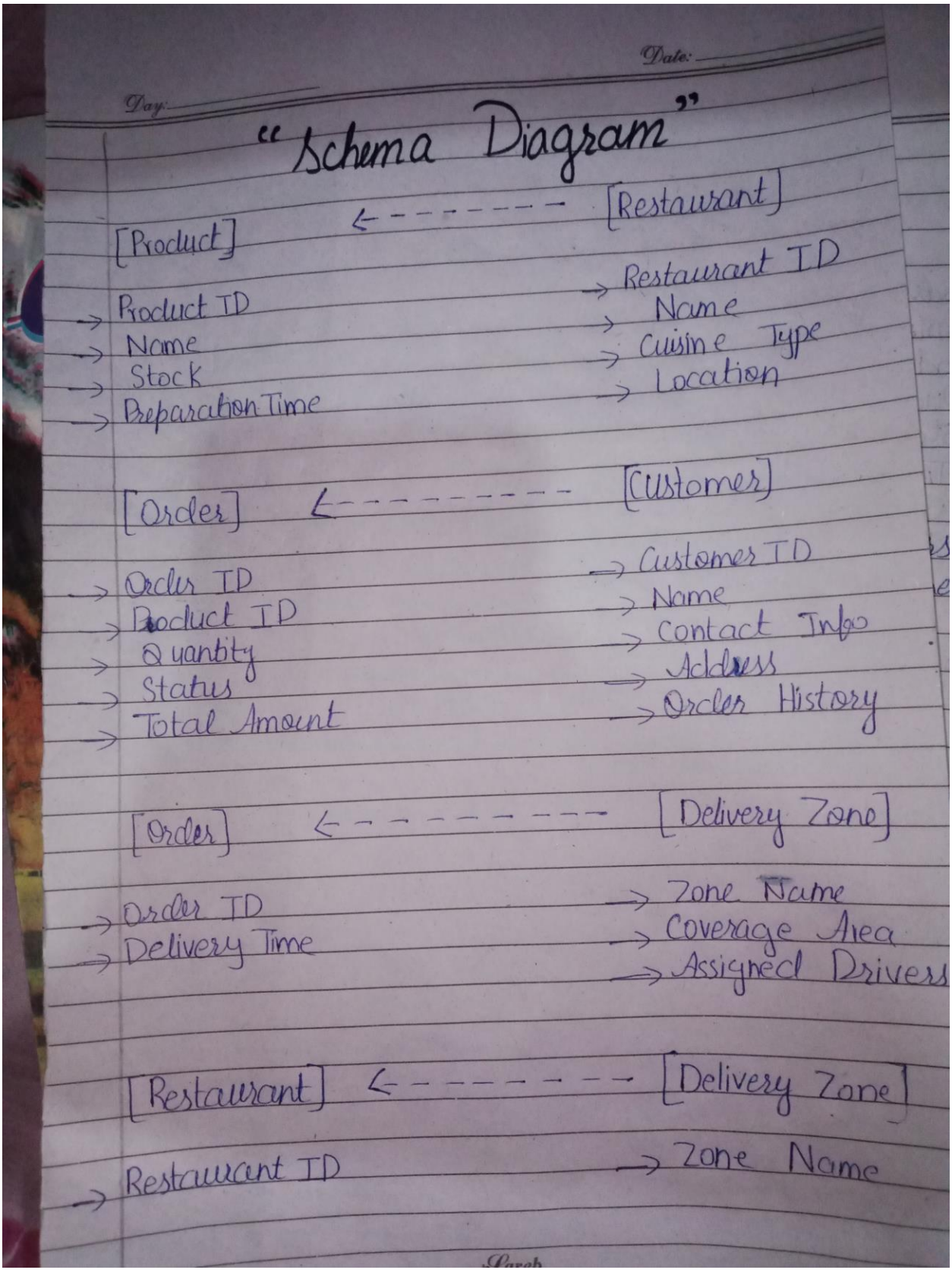
(1) What problem does your marketplace aim to solve?

- Solve the problem of delayed food deliveries and lack of fresh, restaurant-quality meals.
- Provide a platform for customers to quickly access diverse menu options with guaranteed fast delivery.

(2) Who is your target audience?

- Urban customers seeking convience, such as busy professionals, students and families.
- People who prefer high-quality restaurant meals but need them delivered quickly.

(3) What products or services will you offer?



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"Schema Diagram"

[Product] <---------- [Restaurant]

- Product ID
- Name
- Stock
- Preparation Time

- Restaurant ID
- Name
- Cuisine Type
- Location

[Order] <---------- [Customer]

- Order ID
- Product ID
- Quantity
- Status
- Total Amount

- Customer ID
- Name
- Contact Info
- Address
- Order History

[Order] <---------- [Delivery Zone]

- Order ID
- Delivery Time

- Zone Name
- Coverage Area
- Assigned Drivers

[Restaurant] <---------- [Delivery Zone]

- Restaurant ID

- Zone Name

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* Products: Fresh meals, snacks, beverages, and desserts from partner restaurants.
* Services: Express food delivery within 15-30 minutes and order customization (e.g., dietary restrictions).

(4) What will set your marketplace apart?

* Unmatched speed of delivery (within 30 minutes)
* Broad coverage of multiple cuisines and dietary options.
* Use of technology for real-time tracking and an intuitive user experience.

Step 3: Create a Data Schema.

(1) Products (Menu Items):

* Fields:
  - Product ID
  - Name
  - Price
  - Stock
  - Restaurant ID
  - Preparation Time

* Relationship: Each product is associated with a restaurant.

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(2) Orders:

* Fields:
  - Order ID
  - Customer ID
  - Product IDs
  - Quantity
  - Status
  - Total Amount
  - Order Time
  - Delivery Time

* Relationship: Each order is linked to a customer, and each order contains one or more products.

(3) Delivery Zones:

* Fields:
  - Zone Name
  - Coverage Area
  - Assigned Divers
  - Delivery Time Estimate

* Relationship: Each order is linked to a delivery zone based on the customer's location.

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(4) Customess:

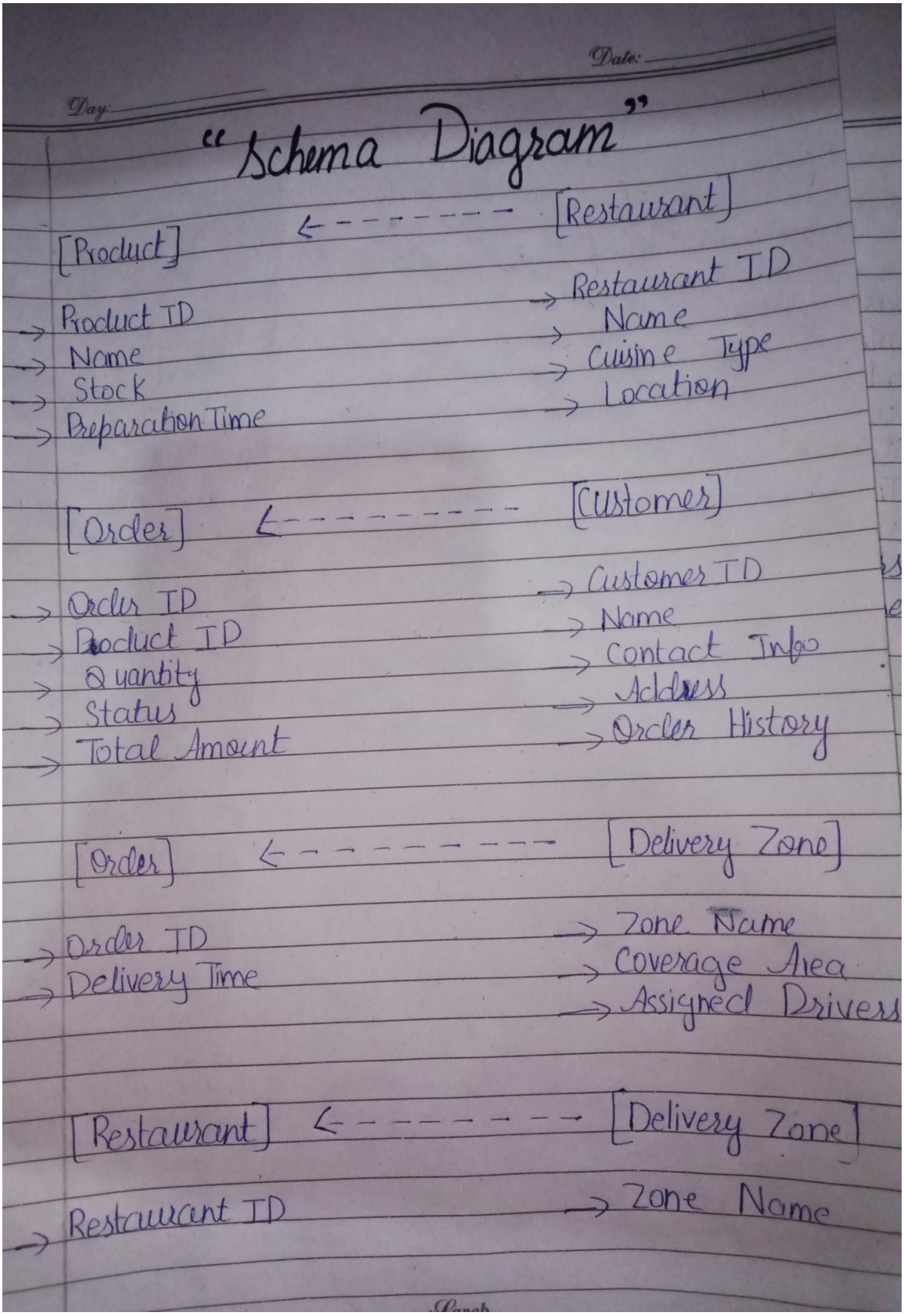
* Fields:
  - Customes ID
  - Name
  - Contact Info
  - Address
  - Order History

* Relationship: Customers place orders, and each order is linked to a customes.

(5) Restaurants:

* Fields:
  - Restaurant ID
  - Name
  - Cuisine Type
  - Location
  - Menu

* Relationship: Restaurants provide products (menu items), and each product is linked to a restaurant.



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- Stock
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- Product ID
- Quantity
- Status
- Total Amount

- Customer ID
- Name
- Contact Info
- Address
- Order History

[Order] <---------- [Delivery Zone]

- Order ID
- Delivery Time

- Zone Name
- Coverage Area
- Assigned Drivers

[Restaurant] <---------- [Delivery Zone]

- Restaurant ID

- Zone Name