Q2 : MARKETPLACE – BUILDER – HACKATHON– 2025
DAY : 01

Marketplace Type:- " E - Commerce."

Primary Purpose:-

E- Commerce (Electronic Commerce) is Known for the online business (e.g., buying or selling products or services onilne)-

It's primary purpose could be defined as making the products or services "available and accessible" on a single lap without any worry to take time and by visiting the respected shop.

E- Commerce has baught a revolution to the world of business, the major effect is the customer from different city or cuntry can by or sell anything.

"STEP ⇒ 02"
Business Goals:-

Q: What problem does your marketplace aim to solve ?

Ans: Well, after having a look to the furniture related stores, I got some ideas and major problems that I think I have on my target.

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Question 1: Remaining Answer:

Even, 2 years ago My uncle ordered some furniture related stuff from daraz and it was shipped from Lahore to the Karachi and then the issues we faced I'm writing below.

Critical Challenges are on my target:-
about
It is the product & which many people are conscious like (Dimensions, Designs etc).
Also, as it may contain some bigger products so, they charge the delivery fee accordingly which I think I should look on it.

When I purchase anything online I trust the user or customer's reviews and everyone relay on that so It's also a key feature.

O :- Who is your target audience?

Ans: In this business I'll prefer and target ~~use~~ women includes (All females, house wives)etc. because our mothers & sisters have much more knowledge & passion to decorate homes.

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Q: What product or services will you prefer?

Ans: As per the template I'm going towards furniture and all the products that are in the same domain I'll target and launch them.

Nowadays, E-Commerce is growing rapidly but, the furniture is still neglected. So, I'll focus on that.

Q: What will set your marketplace apart?

Ans: The products related to furniture are comparitively bigger in the size and it's dimensions forces the store owners to ship them on the respected sized vehicles.
(So, It is directly proportional to the delivery)
charges.
This is the problem that I personally faced and really have a passion to fix and make it affordable for every citizen ony cuntry -

I know the speed is also much important but, affordability and good quality is always a first priority I'll go with that —

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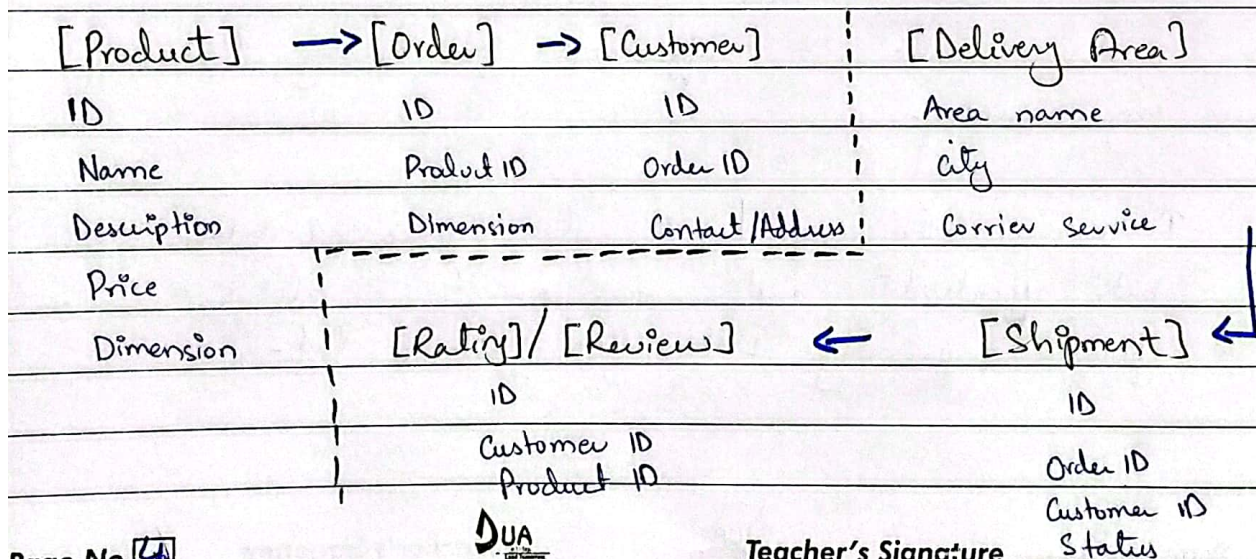## DAY : 01

STEP => 03
DATA SCHEMA :-

Before moving towards the data schema I just came up what with a thought that While purchasing furniture (color scheme and quality of the wood) are the key customization that may attract more audience —

1. Identify the Entities in Your marketplace —

These are the main entities :-

-) Products (Furniture items)
-) Orders
-) Customers
-) Delivery Area / Zone
-) Shipment / Tracking
-) Payment -

-) Reviews -

-) Rating.

2. Draw relationship b/w entities.

[Product] →	[Order] →	[Customer]	[Delivery Area]
ID	ID	ID	Area name
Name	Product ID	Order ID	city
Description	Dimension	Contact / Address	Corrier service
Price			
Dimension	[Rating] / [Review] ←		[Shipment] ←
	ID		ID
	Customer ID		Order ID
	Product ID		Customer ID
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3. Focus on key Fields for each Entity :-

•) **Product:**

ID: Unique ID for each product-

Name: Name of the products-

Description:- Complete description.

Price: Cost Acc. to the currency.

Dimensions: Dimension of product in meters-

Inventory: Amount of stock available.

Tags:- (e.g., Furniture, Wooden table) etc-

•) **Order:**

Order ID: Unique ID for orders-

Product details & All product details (eg, name, dimensions) etc.

Customer details & Info. (name, address, phone) etc-

Estimated time:- Delivery time-

Amount of products:- Cart Ordered items-

•) **Customers:**

Customer ID:- Unique ID for each customer.

Name: Name of the customer.

Information: Contact details-

Address: Delivery related address.

Order :- Previous orders-

•) **Reviews:**

Product ID: Reviewed product ID.

Customer ID: Reviewer's ID.

Customer Name: Customer's Name

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3. Focus on key Fields on each Entity:-

•) Shipment:

ID: Unique shipment ID.

Order ID: Order's ID.

Estimated Date:- Delivery expected Date -

Corrier Details :- Service details -

Tracking ID: Tracking ID.

•) Delivery Area:

Area Name:- Selected Area's Name

City:- Area's City -

Corrier Detail:- Service details.