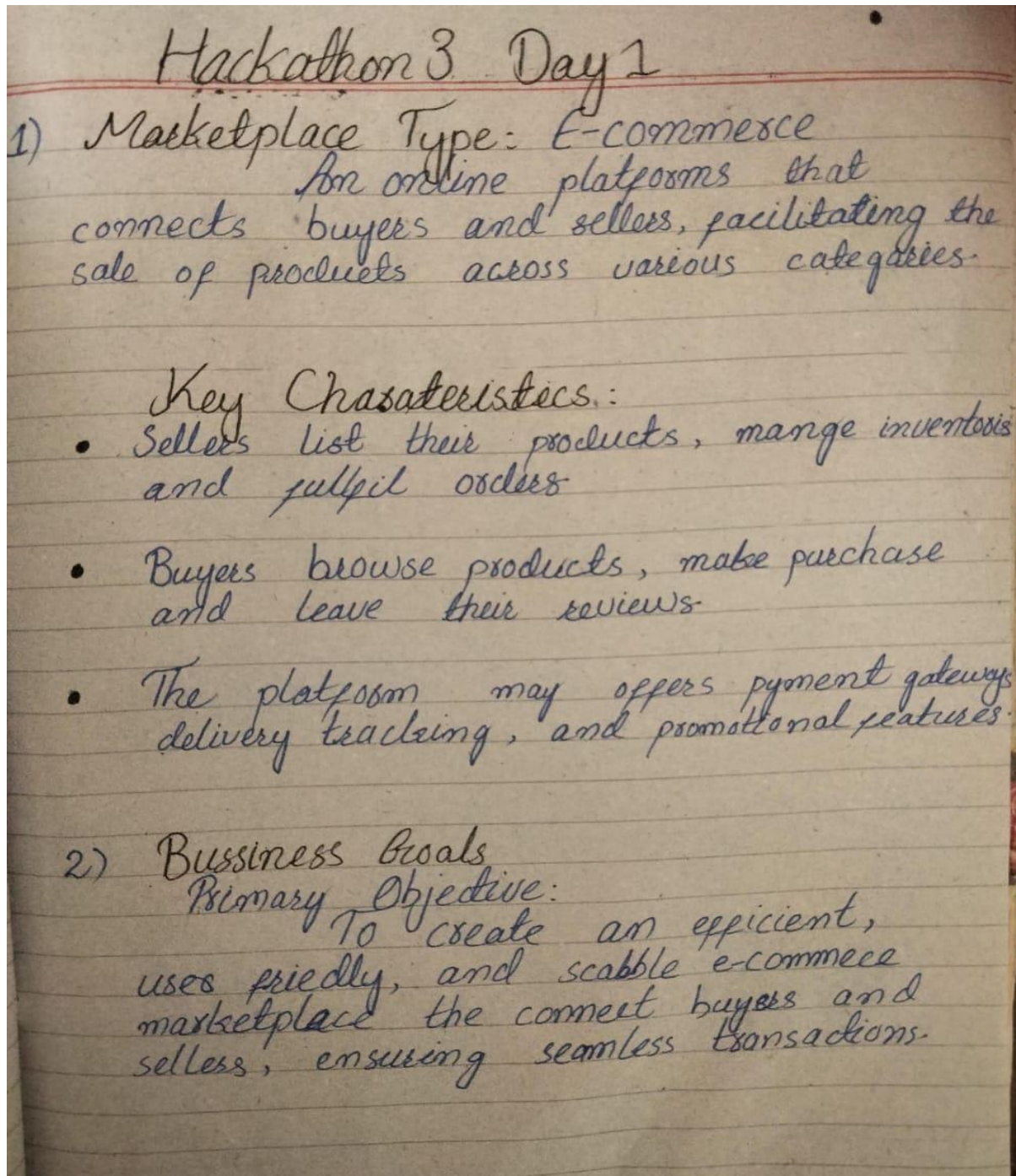


Day 1 Task: Building an E-commerce Marketplace

- a) Marketplace Type
- b) Business Goals
- c) Data Schema



Day 1 Task: Building an E-commerce Marketplace

Short Term Goals

Short Term Goals:

- 1) Build a Minimum Viable Product (MVP) with essential features
 - User registration/login
 - Product listing and search functionality
 - Shopping cart checkout process
- 2) ~~Get~~ Onboard at least 20 sellers and 100 buyers during the hackathon.
- 3) Enable secure payment options and cross-board transactions.
- 4) Enable buyers to leave reviews and ratings to build trust and credibility.

Day 1 Task: Building an E-commerce Marketplace

Long Term Goals

Long Terms Goals

- 1) Reach international buyers and sellers by supporting multiple languages, currencies and cross-board shipping.
- 2) Use AI personalized product recommendations chatbots for customer support, and fraud detections.
- 3) Develop a mobile apps for IOS and Android enhance user accessibility and engagement.
- 4) Provide premium subscription options for sellers to access advanced analytics and product promotional tool.
- 5) Allow users to share like and purchase products directly via social media integrations.

Day 1 Task: Building an E-commerce Marketplace

Data Schema

3) Data Schema

i) User Table

field	Type	Description
UserID	Integer	Unique identifier
Name	String	Full name of user
Email	String	Email address
Role	Enum	Buyer or Seller

ii) Product Table

field	Type	Description
ProductID	Integer	Unique Identifier
Name	String	Product name
Description	Text	Details about the Product
Price	Number	Price of Product
CategoryID	Integer	Product category
SellerID	Integer	Seller associated

Day 1 Task: Building an E-commerce Marketplace

iii) Order Table

Field	Type	Description
OrderID	Integer	Unique Identifier
UserID	Integer	Buyer placing the order
ProductID	Integer	Product being ordered
Quantity	Integer	Number of units
OrderDate	Timestamp	Date of order placement

iv) Review Table

Field	Type	Description
ReviewID	Integer	Unique Identifier
UserID	Integer	Reviewer
ProductID	integer	Product Reviewed
Rating	integer	Rating (1-5)
Comment	Text	Reviewer content