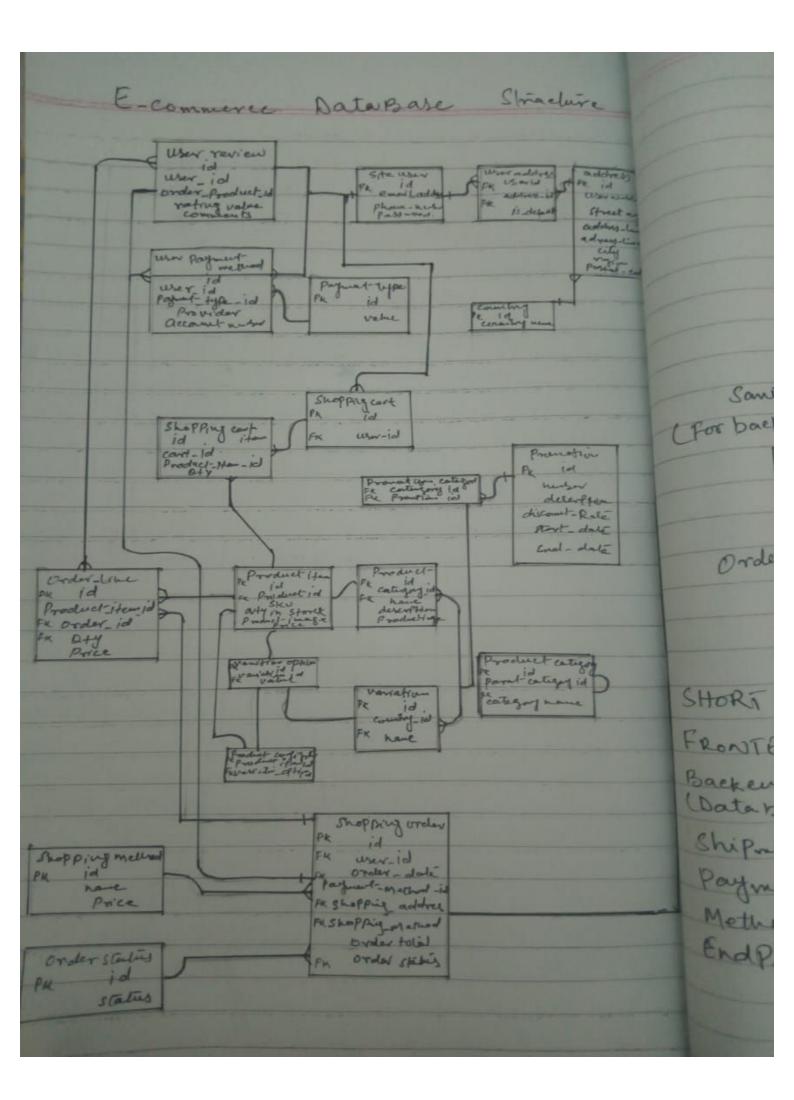
HackATHON: 3 DAY 2 TASK PLANNING THE TECHNICAL FOUNDATION Duliding a Strong Technical Foundation for My General E- commerce Markel Place. General E. Commerce: General E- commerce Plateformy are online spaces, where where can buy and Sell Physical or digital Products These market place types are selatively imple seauning basic functionalities like products Placement. and manegment, and order FEATUR AND TECHNICAL REQUIREMENTS: Product Browsing Cart Order mangementand Search Placemant. and payment User Reviews and Rating SYSTEM ARCHITECURE FOR MARKETPLACE WITH SANITY CMS and NEST. JS 8-When designing me system architecture for market-place, st 1 important to clearly vouelize the

intraction between the frontend (Next. IS) and the backend ( samily cars and the third Party Apis) > somes as a powerful Sanity CMS > Simplify Content mangementcategories and all Market.

Place content: Key components of the Architecture: -USEB "Pymanic Product Page ) FRON @ cart and check out-3 filler and search Frontend Next Js Thir SYSTEM ARCHITECURE DUERVIEWS-The architecture ensure a clear data flow between to components and defines the responsibilities of each. (sanity) act as the backend (Monto) - Serves as the frontend to display (APis) > External APIS For Payment, delivery From

DETAILED API REDUIREMENTS FOR MARKETPIACE API end points for market place to fearible data Exchange between the frontend and backend. INOR FLOW Product (GET This End Point Product delaits included move, Price, Stocking forders (POST) 5"id": " 45678" mone": " Chairs / Shipment (CIET) 1 pence": 200.00, + image " : " https:// exaples / image / Product-45270. J 1 category . 1 Furnative " /cont (POST/GET) 1 payment (POST) Response Enample: 2 " Status": " payment successful" " Payment Sd"; " Pay 45678" " OTOler Id"; " raic 4567"



USER Frontend (using Nout. 55) Sanity CMS ( For backend database APIS -Pan Rale (Third Party Apis) date Order data Shipmont tracky Payment brateway SHORT SUMMARY :-FRONTEND : Neut. JS Backend: sanity cons (Data bale) Shipment Tracking: Third Party Apis (ShipEngine) Payment Gratways third Party Apis (Stripe) Method of APi: (GET, Post, Put) EndPoints of APi: / Product, I Shipment 1 cart, 1 Pagment

System Aschitecture Diagram ( ZI LISER DEVICE

FRONTEND (Neut. 51) SANITY COMS (Third Party Apis) USER DEVICE FRONTEND (NEXTS) - (AP, calls) - SANTYCMS Third-PARTY APIS (Payment, Shipping, Invaly)