Date: 17 Jan 2025 Hackathon#3 Day-2 Goal-Transition Grom Buisness planning 10 lechnical Omplement: Today we jours on converting the buisness plan into a technical pranework. The aim is to establish a joundation for the market place technical structure, work plans, API Design-Key Activities: Jechnical Requirments: Frontend Requirement: Design a user friendly interface that include: Hero page i dightight plature, product and categories · Broad not listing page : Bisplay all product in a · product Detail page : Display product - Specific detail Such at description, parce, review and etc. Cont page: Allow weres to view selected lens before checkant. Order Confinention: Oisplan punchase detail after Checkart-

Focus on responsive design: Ensure the marketplace is mobile-priendly Optimize performance for low-end design-Backend Requirement (Sanity CMS) use Sanity CMS to manage: product: Add, upolite, and Delete product Orders: Store Customers Order details. Users: Manage user account and projut Draft Schemas for each major entity in Santy (eg. preducts, orders, zone).

or example. name: product; bitle: Product, of nome: "name, type: String", title: Product name "g, I name : "price", type: "numbers", title: "price"? nane: "description," type: "tend", title: "Description", & name: "image" type: "Image", title: "Product Image" * Third - Party APIS Integrate APIs for: I) Payment Gateway (eg, stripe, payport): Frankle Seeme transaction 2) Shipment Tracking (e.g.: Shippo, Easy post), provide Order tracking update. 3) Authentication (e.g. firebase, Autho): enable Secure login and user managementDesign System Architecture: Create a visual Design-Showing Component interaction. Tools like Shucidchart or pen and paper work well -Example Architecture: Frontend (React/Next)s Samily CMS > Product API Payment Gateway --> payment API Shipment Tracking API

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trample: Morkflow I user browser products via the prontend. 2) Front end betch products dates from Sainty
CMS using the "product API".

3) User adds items to the cont and checkout 1) payment Gate way process the transaction-5) Stepment tracking API provide real-time Dolinary updates-3) Define APIs Requirements-* Endpoint Overview? Response Example Endpoint Method Purpose 11 product YET fetch all "nane": "Shoes" available "Price": 1000, Products "Stock"; 12, Imate's "well "G 11 Order POST Create a of Order Id - 123, "Styled "Suless" now order 6M1 1480 4

115hipment GET L' broken Id! 123, "Status": "in transit" Track Shipment " ETA": "3 days" 9 Status * tuplanation: · I product : Fetches a list of all products available in the market place - This end point will be used to display product details like name, price, stock and image on the prentend. order. The prontend will interact with the endpoint when a week completes a checkent 1 Shipment: used you tracking orders - Ones an order is placed; were com check the Shipment process , including estimated delivery

Conclusions 2-I aim to have: If H clear technical plan that align with my buisness goalscomponent interact API documentations por my key end points like /products, forders, Shipment-Status -3) Draft Sanity CMS Schemas por entities Such as products how my marketplace punction. Out ling This poundation will ensure that my project transations seemlesly into the development shope Setting the stage for on Scalable and appreciant Do server of