Hackathon Day 2:-
Planning the technical foundation
- 1- Technical Requirements:
- Frontend Requirement:
→ Dynamic UI -> HTML -> CSS -> TW CSS
> Home page > Cart
- Product details - User Information files etc
· Poack-end Requirements:
→ Node: Js can handle API
a. Management -> Order -> Processing -> User account.
Authentication (register, login, manage profiles)
-> Roles and Permission :-
Admin designer and customer functionalities
admin can manage listing, customer can book
consultations).
a a LVANK - PIALU :-
> Product Cataloging: Store product details eg:
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> Booking & Scheduling: Appointment / dates / times in database. > calendar Integration: Google services, Google mape
times in database.
> Calendar Integration: Google services, Google mape

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· Payment Processing: payment from paypal / easypoison or anyother secure transaction network - credit cards, wallets, tokens etc.)

## 3- Data Base Design-

## Key Tables Cottections:

· Users, user id, name, email, role, etc.

· Products: product id, name, email, role, price etc

· Order : order id, user id, product id, name,

Price, role, amount etc

· Appointments: appointment id, designer id, user id, date, day, time etc.

## 4. API Requirments-

## -> User management APC's:-

"name": "Ramsha Elah",

"email": "ramsha elahi III @ gmail.com",

"passwood": "secure passwood-@ III /\_w.",

"role": "ous tomer"

Date:
-> Project Management API's  -> Order Management API's  -> Appointment and Booking API's.  -> Payment API's:-  -> Notifications API's.  -> Reviews and Rating API's:-
Client 1  Request - API - Response
Client 2
Client 2  MIGHTY PAPER PRODUCT

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System Structure Diagram -Front-end Structure Backend HTML [Patabase] User Management CSS Store data Product Managenal Java sampl-Orders Order Management TW. CSS Products Appointment Booking customer Profile Hero Section Payment method description Search Bou Notifications email Featured Products Admin Panet Pricing Call-to-Achors API'S Payment status Shipment Status