

OBJECT ORIENTED ANALYSIS AND DESIGN

Group 1

I run a small pediatric practice with two other doctors. We desperately need to consolidate medical records and prescription history for continuity of care as our patients grow up. Right now one doctor doesn't know what the other prescribed or recommended. I want a patient portal with electronic health records - symptom trackers, growth charts, documented medical history, medication lists, immunization records, etc. We should be able to securely share records with referral specialists and provide access to parents. My vision is seamlessly integrating this with prescriptions, insurance claims and developing public health alerts.

- Betanga Calmin
- Mbaringong Waddle
- Ndikum Ntcho Flavien
- Che Pryde Ngang
- Angwantu Andoran *
- Wirdin Leonard
- Kinyuy Karlmarx
- Nichoh Elmic

Group 2

My name is Rover and my business partner's name is Spot - we're both dogs! But our owners are tech entrepreneurs who want to build a social network for pet owners. They did some puppy eye stares and convinced us it's a great idea. Owners should have profile pages for their pets with photos and

biographies. There would be community discussion threads on topics like adoption, lost pets, neighborhoods, events and more. Users could browse profiles of other furry friends and connect based on location, breed, or interests

- Ndofekeh Thercy
- Tatchou Yopa Nelly
- Ayemele Nkengafac
- Atanga Tse Heinendez
- Nyuydine Bill*
- Enu Clinton
- Achiri Chelson
- Tchinda Tchoffo Megane

Group 3

I'm starting a music streaming app targeting Gen Z. When they open the app, I want users to see customizable feeds - latest releases based on artists they follow, playlists curated to their taste, recommendations from friends, etc. Search needs to connect seamlessly with our catalog of 50 million songs. I want deep integration with social features too - sharing songs, clipping 30 second previews, seeing what friends have liked. For artists, we will have a portal to upload songs and album art easily, and to understand their listener data.

- Achembom Fridalynn
- Chelsea Chuyum Iwoi
- Yam Divine Favour
- Awa Hope Asobo
- Kuete Tchoffo Diol
- Kobuin Leslie

- Mokia Leticia*
- Alloh Nkefor Rodrick

Group 4

I'm CEO of a new airline that wants to undercut the big players on price, so we really need lean operations. I envision customers booking flights end-to-end right on our website - selecting origin and destination, navigating the calendar to pick a date, seeing a seat map for aircraft-specific pricing and seating classes, entering passenger and payment details, getting a confirmed e-ticket number, the works. This would populate our crew scheduling and aircraft allocations as well so we can maximize load factors and turnaround times."

Let me know if you would like me to elaborate further on any of the scenarios!

Here are detailed explanations for the remaining scenarios from the perspective of the customer:

- Yengong Milton
- Nhonwi Mah Niba
- Wirngo Rodrigue
- Che Emmanuel
- Nji Bryan*
- Kuete Nkwentamo
- Salim Ousman
- Anufor Praise

Group 5

I used to manage a chain of pizza restaurants, before deciding to pivot into food delivery logistics. My vision is an easy-to-use app for hungry people to browse menus from different restaurants in their area, securely pay online, and track a delivery driver bringing their order to the requested address. On the operations side, we would handle order assignment to the right restaurant, provide drivers with optimal routes, ensure prompt deliveries, and process payments between the customer, restaurant, and delivery driver.

- Anyam Pal Ngeenge
- Awembom Albert
- Muyah Gaious
- Tabod Joshua
- Mary Makuchi
- Sancho Favour
- Bongkiyung Pelane*
- Achengnui Juven
- Fonguong Edrick

Group 6

Hi! I'm the Associate Dean of the Computer Science department. Enrollment for our courses is controlled chaos. Students crash full classes and try to get friends to enroll them. We are then stuck manually balancing each class. What I'm picturing is an online portal tied to our registration database where students can view openings and sign up, with set limits per class that are enforced automatically. This would free up our administrators for more advising and less paperwork.

- Bonya Ransom

- Chia Raissa
- Awa Tibrán
- Shetey Roy
- Ndifon Hilary
- Foryoung Junior Ngu
- Anye Prince Kelly*
- Afuh Ashley

Group 7

Hi there! I'm an entrepreneur who thinks the retail landscape lacks innovation. I want to create a marketplace for buying and selling unique products from makers and small business owners. Sellers could create listings with photos, descriptions and prices for their handmade jewelry, antique furniture or other wares. Buyers could search, favorite items, purchase through the platform, and leave star ratings and reviews after receiving orders. I need the technical solutions for user management, listings database, search rankings, payment processing and order fulfillment.

- Ghany Elisha
- Fon Wilford Chi*
- Fotso Tachula Eddy Steve
- Afi Andrine
- Awankem Benjamin
- Bih Deline
- Bongteh Romarick
- Kum Terence Fuh
- Miguel Ndangoh

Group 8

Hi, I'm the operations manager for a small chain of hardware stores. Our old cash registers are extremely slow, and we have no way to see our inventory levels in real-time. I want to modernize all our stores with

computerized systems for faster checkout. We should be able to scan items, have them call up the product details from our database, check the stock count, apply any promotions, let the customer pay electronically, and seamlessly sync everything to our accounting system. I don't want to be running around counting items once a month!

- Cheneba Metuge
- Tebeck Destine
- Wunjah Alvine
- Ngernyu Caleb
- Fouotsa Mafo Wilson
- Youmbi Leo*
- Kudi Gilet
- Bayeka Binet
- Arrey Frank