**Outline the architecture of an application**

From the early stages of application development, it is fundamental to understand the requirements and available resources. Overall, these will contour the architecture decisions.

Imagine this scenario: you are part of the team that needs to outline the structure of a centralized system to book flight tickets for different airlines. At this stage, the clients require the *front-end(UI), payment, and customer functionalities to be designed*. Also, these are the *individual requirements* of each airline:

* Airline A - payments should be allowed only through PayPal
* Airline B - payments should be disabled (bookings will be exclusively in person or via telephone)
* Airline C - payments should be allowed to use PayPal and debit cards

Using the above requirements, outline the application architecture. Also, elaborate your reasoning on choosing a microservice or monolith based approach.

