

gateway/3rd Party/ provider/merchant...etc. Cook up your requirements and choose your approa

Note:

Choose your role and MVP. Drag to your conclusive system design. Your design should be Technical (r

- a. Functional Requirements(in short) description of the service, activities each user role can perform,
- b. Non-Functional Requirements (in short) Performance / Availability / Scalability / Security Encoding /
- c. Any Extended Requirements you can think of is essential(in short) Double spend / transaction timeo
- d. Design consideration -

Iimpose size limit on any data?

Read and Write volumes and based on latency throughput , any trade-off you might choose to build you Authentication models best fitting your system and why ? How your system prevents anti-money launds

- e. Capaity , Traffic & Storage Estimation
- f. Exposed and Internal APIs + Parameters
- g. Entities & their attributes e.g User: userId, name, email, address, dob, creationDate, lastLogin, etc.
- h. Database Schema + description of essential relationship
- i. Choice of your storage and tradeoffs Metadata storage / File Storage / Cloud Storage, Transient Dat
- j. Any special Data Structure or Algorithm needed for any specific purpose?
- k. Any specific service we need as a BackGround/Off-line/Pipeline Services for Synchronization OR M
- I. Component Interaction diagram
- m. Data Partitioning, Sharding, Replication Range Based / Hash Based / or any custom key scheme
- n. Pull/Push/Hybrid the Notification
- o. what you would Cache? Justify your caching strategy?
- p. Reason you choices for Encodings, Permissions and Securing your aplication Double spend / trans

Related blogs / topics / architecture diagrams are enncouraged

