

I propose the following data schema for the shopping cart service.

	Data	Key	Value
1	User Info (Name, Email, Default Shipping Address)	UserID/Email	JSON Object
2	Product Info (Catalog Details, i.e. thumbnail, name, price, type, store)	ProductID	JSON Object
3	Product Stock (Number of units present in the selected store)	ProductID	Int
4	Session Info (TBD based on the tech used to manage sessions)	Session Variables	Session Data
5	Store Details (Store name, store shipping policy, delivery charges, logo)	StoreID	JSON Object

Note: Opportunity for graceful degradation.

- We can find out the store from which the maximum number of products have been bought and then show the best seller from that store or category. When in load, this service will turn off.
- We can find out, is the user short of minimum free delivery charge and recommend the user items from the same store which will cost about the same amount the user is short for free delivery eligibility.