

USER Service

- Can Register
- Can update user profile
- *Can Log-in*
- If user exists or not by userId
- Choose location
- Can change location
- Can search for a product
- Can be interested in a product
 - /interest/{userId}/{productId}
- View all interested product
 - /interest/{userId}
- Can a mark a product as not interested
- Can choose category
- Can purchase a product
- Can add an Advertisement (Post an Ad)
- Can edit an Advertisement (Edit an Ad)
- Can view all personal Advertisements (View all personal Ad)
- Can mark an item sold
- *Can log out*

Functionality	Service Name	Path	Method	Return Code
Create User	user	api/v1/register	POST	
Read user info	user	api/v1/user/{userId}	GET	
Update an user(Info)	user	api/v1/user/{userId}	PUT	
Delete an user(soft delete)	user	api/v1/delete/{userId}	PUT	

CATEGORIES Service

- Can be added by the User
- Item Details can be updated by the User
- Can be viewed by the User (Single Item)
- Can be viewed by the User (All items)
- Can be searched using keyword
- Can be searched using location
- Can be deleted by the User (Soft Delete)

Functionality	Service Name	Path	Method	Return Code
Get an item	items	api/v1/item/{itemId}	GET	
Get all items	items	api/v1/item/all/	GET	
Get all items (seller)	items	api/v1/item/all/seller/{user_id}	GET	
Get all items (buyer)	items	api/v1/item/all/buyer/{user_id}	GET	
Search item	items	api/v1/item/{keyword}	GET	
Update item details	items	api/v1/item/{itemId}/{userId}	PUT	
Delete item (soft delete)	items	api/v1/item/{itemId}/{userId}	PUT	

OFFER Service <link b/w user and item>

- Can be created using userId and itemId
- Can be searched using itemId and userId
- crossOffer can be updated by the seller
- offerPrice can be updated by the buyer
- Interest status can be changed by the buyer or seller

Functionality	Service Name	Path	Method	Return Code
Create an offer	offer	api/v1/create/	POST	
Get an offer by itemId and userId	offer	api/v1/	GET	
Update an offer (seller)	offer	api/v1/updateOfferPrice/{itemId}/{userId}/{price}	PUT	
Update cross offer (buyer)	offer	api/v1/updateCrossOffer/{itemId}/{userId}/{price}	PUT	
Update Interest	offer	api/v1/updateInterest/{itemId}/{userId}/answer	PUT	

ADD Service

- An Advertisement can be created by the user

Functionality	Service Name	Path	Method	Return Code
Create an Advertisement	add	api/v1/create/{itemId}/{userId}	POST	

LOCATION Service

- Admin can add location
- get a location
- Admin can update location details
- Get currency of a country
- Get details of a location using PinCode of an area
- Get all states
- Get all cities using state
- Get all neighbourhoods using city

Functionality	Service Name	Path	Method	Return Code
Add a location	location	api/v1/location/	POST	
Get details of a location	location	api/v1/location/pincode	GET	
Update a location	location	api/v1/location/pincode	PUT	
Get all states	location	api/v1/location/states	GET	
Get all cities	location	api/v1/location/cities/state_id	GET	
Get all neighbourhoods	location	api/v1/location/neighbourhoods/city_id	GET	
Get currency	location	api/v1/location/currency/pincode	GET	

CENTRALIZED Service

Functionality	Service Name	Path	Method	Return Code

Extra :

- 1. Location

/product

{object : pro

1. Products

/user/{id}/Product/

OBJECT

User

/exist/{id}

Remember

1. Doc ----> Convention : follow
2. Rest Template
 - a. getForObject() + No info send
 - b. postForObject() + Object included
 - c. getForEntity()
 - d. postForEntity()
3. Documentation ---> Swagger Documentation

Olx → Folder [documentation] , Code [], readme,