**API SERVICE SPECS**

**CATEGORY**

1. **ADD\_CATEGORY**

Would contain category name, ID and a description.

Sample input:

{

category\_name: “milk”,

category\_description: “A generic milk category which will be referred from all milk brands”

}

Add content would auto-generate an ID for the same which is taken care by the backend DB.

1. **UPDATE\_CATEGORY**

Should not be allowed as category name is all the only important entity in the table.

Will be useful for updating any typographical errors and also for adding content in description field.

ID field will never be allowed to be modified.

Sample input:

{

category\_id: “10098456ER1”,

category\_name: “milk”,

category\_description: “A generic milk category which will be referred from all milk brands”

}

ID field will be used to uniquely identify the record to be updated and hence needed in the request.

1. **DELETE\_CATEGORY**

Delete category will be useful in the case when a category is no longer needed in the app.

Delete category service will also make sure that no brand or product has a reference before deletion.

If there is any product having a reference to category which is going to be deleted, the service call will have to respond a negative acknowledgement.

Sample input:

{

category\_id: “10098456ER1”

}

1. **GET\_ALL\_CATEGORIES**

This will return all the categories in JSON format. Good to avoid using this except in situation where there is a need to check for any attributes in the categories.

1. **GET\_CATEGORIES\_BY\_PAGE**

This service is useful where we are going to show all the categories in a view. Printing all the content in a single page is not wise, and so we will use pagination here.

Sample input:

{

Page\_no: 1

{

Page\_no: 2

}

1. **GET\_CATEGORY\_BY\_ID**

Self-explanatory.

Sample Input:

{

category\_id: “110022”

}

1. **GET\_CATEGORY\_BY\_NAME**

Sample Input:

{

category\_name: “MILK”

}

**BRAND**

1. **ADD\_BRAND**

Each brand which goes into Brand model will have a reference to an entry in category.

“VIJAYA” is an example which will map to “MILK” category.

Sample Input:

{

Brand\_name: “VIJAYA”,

category\_id: Refers MILK’s ID in Category table.

}

1. **UPDATE\_BRAND**

Sample Input:

{

Brand\_id: “11223344”

Brand\_name: “VIJAYA”,

category\_id: Refers MILK’s ID in Category table.

}

1. **DELETE\_BRAND**

Sample Input:

{

Brand\_id: “11223344”

}

1. **GET\_BRAND**\_**BY\_ID**

Sample Input:

{

Brand\_id: “11223344”

}

1. **GET\_BRAND**\_**BY\_NAME**

Sample Input:

{

Brand\_name: “VIJAYA”

}

**CATEGORY - BRAND**

1. **GET\_CATEGORY**\_**BY\_BRAND\_ID**

Sample Input:

{

Brand\_id: “11223344”

}

1. **GET\_CATEGORY\_BY\_BRAND\_NAME**

Sample Input:

{

Brand\_name: “VIJAYA”

}

1. **GET\_BRANDS**\_**BY\_CATEGORY\_ID**

Sample Input:

{

category\_id: “11223344”

}

1. **GET\_BRANDS\_BY\_CATEGORY\_NAME**

Sample Input:

{

category\_name: “VIJAYA”

}

**VENDOR**

1. **ADD\_VENDOR**

One of the most important part of the admin app is the add vendor function.

Adding vendor is done by the agent person who approaches a vendor.

It would contain all details about the vendor starting from his name to where he is going to serve.

Sample input:

{

Vendor\_name: “Sree Chandu”,

Firm\_name: “Utilize”,

Address\_line\_ONE: “LOTUS APARTMENT, HITECHCITY,”,

Address\_line\_TWO: “Madhapur”,

PIN\_CODE: “500081”,

Servicing\_Area:

{

Madhapur,

Gachibowli

},

Service\_ID: “112233”

}

1. **UPDATE\_VENDOR**

Sample input:

{

Vendor\_ID: “112233”,

Vendor\_name: “Sree Chandu”,

Firm\_name: “Utilize”,

Address\_line\_ONE: “LOTUS APARTMENT, HITECHCITY,”,

Address\_line\_TWO: “Madhapur”,

PIN\_CODE: “500081”,

Servicing\_Area:

{

Madhapur,

Gachibowli

},

Service\_ID: “112233”

}

1. **DELETE\_VENDOR**

Sample Input:

{

Vendor\_ID: “112233”

}

**SERVICES**

1. **ADD\_SERVICE**

Sample Input:

{

VendorID: Refers Vendors model.

Category: MILK,

CategorySpecificProperties:

{

Quantity: 500ml,

Price: 25Rs

}

}

1. **UPDATE\_SERVICE**

Sample Input:

{

ServiceID: “112233”,

VendorID: Refers Vendors model.

Category: MILK,

CategorySpecificProperties:

{

Quantity: 500ml,

Price: 25Rs

}

}

1. **DELETE\_SERVICE**

Sample Input:

{

ServiceID: “112233”

}