**MongoDB REST endpoints**

1. /mongoserver/signup
   * Purpose - To save new user data
   * POST

{

"userid" : "jagg",

"password" : "jaggpass",

"email" : "jagg@sjsu.edu",

"name" : "jaggi"

}

* + Returns:
    - success

{

status : “success”,

details : “”

}

* failure

{

status : “failure”,

details : “<failure message>”

}

1. /mongoserver/login/<userid>
   * Purpose - To return user data by user id
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

userid : “”,

password : “”,

email : “”,

name : “”

}

1. /mongoserver/teas
   * Purpose - To get all tea data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

[

{

"category": "tea",

"price": 50,

"count": 12,

"item\_id": "tea\_1",

"name": "Teavana Peach Tranquility Full-Leaf Sachets",

"brand": "tazo",

"type": "ice tea",

"tea\_form": "K-Cup Pods"

},

{

"category": "tea",

"price": 8.55,

"count": 12,

"item\_id": "tea\_2",

"name": "Teavana Oprah Cinnamon Chai Full-Leaf Sachets",

"brand": "teavana",

"type": "black tea",

"tea\_form": "tea bags"

}

]

1. /mongoserver/coffees
   * Purpose - To get all coffee data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

[

{

"region": "latin america",

"category": "coffee",

"price": 40,

"item\_id": "coffee\_1",

"name": "Sulawesi, Whole Bean",

"flavor": "flavored",

"quantity": 5,

"roast": "blonde",

"type": "decaffinated"

},

{

"region": "multi",

"category": "coffee",

"price": 50,

"item\_id": "coffee\_2",

"name": "3 Region Blend, Whole Bean",

"flavor": "flavored",

"quantity": 5,

"roast": "medium",

"type": "regular"

}

]

1. /mongoserver/drinkwares
   * Purpose - To get all drinkware data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

[

{

"category": "drinkware",

"price": 15.95,

"item\_id": "drinkware\_1",

"name": "Spring Garden Traveler, 12 fl oz"

},

{

"category": "drinkware",

"price": 18.55,

"item\_id": "drinkware\_2",

"name": "Stainless Steel Bouquet Tumbler, 16 fl oz"

}

]

1. /mongoserver/inventory/:itemid
   * Purpose - To get current stock for a item\_id
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"item\_id": "coffee\_9",

"stock": 106

}

1. /mongoserver/inventory/addOne/:itemid
   * Purpose - To increment the current stock for a item\_id by 1
   * PUT
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"item\_id": "coffee\_9",

"stock": 107

}

1. /mongoserver/inventory/removeOne/:itemid
   * Purpose - To decrement the current stock for a item\_id by 1
   * PUT
   * Returns:
     + failure

{

"status": "failure",

"details": "Item coffee\_9 stock is 0. Cannot process."

}

* + - success

{

"item\_id": "coffee\_9",

"stock": 105

}

1. /mongoserver/tea/:itemid
   * Purpose - To get tea data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"category": "tea",

"price": 50,

"count": 12,

"item\_id": "tea\_1",

"name": "Teavana Peach Tranquility Full-Leaf Sachets",

"brand": "tazo",

"type": "ice tea",

"tea\_form": ""

}

1. /mongoserver/coffee/:itemid
   * Purpose - To get coffee data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"region": "latin america",

"category": "coffee",

"price": 40,

"item\_id": "coffee\_1",

"name": "Sulawesi, Whole Bean",

"flavor": "flavored",

"quantity": 5,

"roast": "blonde",

"type": "decaffinated"

}

1. /mongoserver/drinkware/:itemid
   * Purpose - To get drinkware data
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"category": "drinkware",

"price": 15.95,

"item\_id": "drinkware\_1",

"name": "Spring Garden Traveler, 12 fl oz"

}

1. /mongoserver/cart/addItem/:userid/:itemid
   * Purpose - To add one item to cart against a user
   * PUT
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"userid": "zuser@gmail.com",

"item\_ids": [

"coffee\_13",

"coffee\_14",

"coffee\_15",

"coffee\_16"

]

}

1. /mongoserver/cart/removeItem/:userid/:itemid
   * Purpose - To remove one item from cart against a user
   * PUT
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"userid": "zuser@gmail.com",

"item\_ids": [

"coffee\_13",

"coffee\_14",

"coffee\_15",

]

}

* + - success – cart deleted

{

"status": "success",

"details": "cart for user zuser@gmail.com deleted"

}

1. /mongoserver/cart/:userid
   * Purpose - To get the cart against a user
   * GET
   * Returns:
     + failure

{

status : “failure”,

details : “<failure message>”

}

* + - success

{

"userid": "zuser@gmail.com",

"item\_ids": [

"coffee\_13",

"coffee\_14",

"coffee\_15",

]

}