API QUERY FORMAT SHEET

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# CAFÉ

## POST: Add a café

URL: <http://host:port/api/cafe>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| POST | 'Content-Type' = ‘application/json' | JSON | Id and date will be taken care by the database and API respectively. |

{

    "name" : "CCD",

    "password" : "pass",

    "latitude" : 50,

    "longitude" : -50

}

## PUT: Update a café

URL: <http://host:port/api/cafe/3>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| PUT | 'Content-Type' = ‘application/json' | JSON | * Update date will be taken care by the API. * You may include all 4 properties or any 3 or 2 or just 1 in any order. |

{

    "name" : "CCD",

    "longitude" : -50

}

{

    "password" : "pass",

    "latitude" : 50,

    "longitude" : -50

}

{

    "name" : "CCD",

    "password" : "pass"

}

{

    "name" : "CCD"

}

# CUP

## POST: Add a cup

URL: <http://host:port/api/cup>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| POST | 'Content-Type' = ‘application/json' | JSON | * Only date will be taken care by the API. * Rest you have to supply in the body. |

{

    "id": 102,

    "size": "S",

    "status": "A",

    "batch\_id": 1

}

## PUT: Update a cup

URL: <http://host:port/api/cup/3>

{

    "batch\_id": 1

}

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| PUT | 'Content-Type' = ‘application/json' | JSON | * Update date will be taken care by the API. * You may include all 3 properties or any 2 or just 1 in any order. |

{

    "size": "S",

    "status": "A"

}

{

    "size": "S",

    "status": "A",

    "batch\_id": 1

}

# SALE

## POST: Add a sale record

URL: <http://host:port/api/sale>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| POST | 'Content-Type' = ‘application/json' | JSON | * Id and scanned\_at will be taken care by the database and API respectively. * Make sure that the cup and café ids already exists in respective tables. |

{

    "cup\_id" : 123,

    "cafe\_id" : 101

}

## PUT: Update a sale record

URL: <http://host:port/api/sale/5>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| PUT | 'Content-Type' = ‘application/json' | JSON | * You may include all three properties or any two or just one in any order. |

{

    "cup\_id" : 123,

    "cafe\_id" : 101,

    "scanned\_at" : "2019-01-31 20:59:59"

}

{

    "cup\_id" : 123,

    "cafe\_id" : 101

}

{

    "scanned\_at" : "2019-01-31 20:59:59"

}

# BIN

## POST: Add a bin

URL: http://host:port/api/bin

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| POST | 'Content-Type' = ‘application/json' | JSON | Id and date will be taken care by the database and API respectively. |

{

    "latitude" : 11.11,

    "longitude" : 22.22,

    "level" : 6

}

## PUT: Update a bin

URL: http://host:port/api/bin/1

{

    "level" : 6

}

{

    "latitude" : 11.11,

    "level" : 6

}

{

    "latitude" : 11.11,

    "longitude" : 22.22,

    "level" : 6

}

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| PUT | 'Content-Type' = ‘application/json' | JSON | * Update date will be taken care by the API. * You may include all three properties or any two or just one in any order. |

# RETURN

## POST: Add a return record

URL: <http://host:port/api/return>

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| POST | 'Content-Type' = ‘application/json' | JSON | * Id and scanned\_at will be taken care by the database and API respectively. * Make sure that the cup, café and bin ids already exists in respective tables. |

{

    "cup\_id": 101,

    "bin\_id": 102,

    "cafe\_id": 105

}

## PUT: Update a return record

URL: <http://host:port/api/return/5>

{

    "cup\_id": 102

}

{

    "bin\_id": 103,

    "cafe\_id": 104,

    "scanned\_at": "2019-01-31 20:59:59"

}

{

    "cup\_id": 102,

    "bin\_id": 103,

    "cafe\_id": 104,

    "scanned\_at": "2019-01-31 20:59:59"

}

{

    "cup\_id": 102,

    "cafe\_id": 104

}

|  |  |  |  |
| --- | --- | --- | --- |
| METHOD | HEADERS | BODY | COMMENTS |
| PUT | 'Content-Type' = ‘application/json' | JSON | * You may include all four properties or any three or two or just one in any order. |