**API DOCUMENDATION:**

Project: Spring boot Maven

Language : Java

Packaging: jar

Version: Java 8

**Dependencies:**

* Spring Web
* Spring Boot Dev Tools
* MySQL Driver
* Spring Data JPA

**Tools:**

* Eclipse
* postman
* MySQL

**Shop profile Module**

**shopProfile :**

Get: "/ShopProfile/view"

[

    {

        "shopId": 1,

        "shopName": "abc",

        "ownerName": "subash",

        "gstNumber": 334,

        "state": "tamilnaadu",

        "district": "tvl",

        "country": "india",

        "location": "nellai",

        "code": 31,

        "mobileNumber1": "6382107686",

        "mobileNumber2": "7564564666",

        "zipCode": 3465,

        "bankName": "sbi",

        "ifscCode": "345",

        "branchName": "tvl",

        "accountHolderName": "san",

        "taxNumber": "345"

    }

]

Post: "/ShopProfile/save"

input:  
{

 {

        "shopName": "abc",

        "ownerName": "subash",

        "gstNumber": 334,

        "state": "tamilnaadu",

        "district": "tvl",

        "country": "india",

        "location": "nellai",

        "code": 31,

        "mobileNumber1": "6382107686",

        "mobileNumber2": "7564564666",

        "zipCode": 3465,

        "bankName": "sbi",

        "ifscCode": "345",

        "branchName": "tvl",

        "accountHolderName": "san",

        "taxNumber": "345"

    }

Response:  
200 OK

shop profile saved successfully ,Shop ID:5

**Put:** "/shopProfile/{id}"

Input:  {

        "shopName": "jinku",

        "ownerName": "subash",

        "gstNumber": 334,

        "state": "tamilnaadu",

        "district": "tvl",

        "country": "india",

        "location": "nellai",

        "code": 31,

        "mobileNumber1": "6382107686",

        "mobileNumber2": "7564564666",

        "zipCode": 3465,

        "bankName": "sbi",

        "ifscCode": "345",

        "branchName": "tvl",

        "accountHolderName": "san",

        "taxNumber": "345"

    }

Output: {

    "shopId": 3,

    "shopName": "jinku",

    "ownerName": "subash",

    "gstNumber": 334,

    "state": "tamilnaadu",

    "district": **null**,

    "country": "india",

    "location": "nellai",

    "code": 31,

    "mobileNumber1": "6382107686",

    "mobileNumber2": "7564564666",

    "zipCode": 3465,

    "bankName": "sbi",

    "ifscCode": "345",

    "branchName": "tvl",

    "accountHolderName": "san",

    "taxNumber": "345"

}

Delete: "/shop/delete/{id}"

Response:  
200 OK

Shop deleted successfully

**Bank Statement Module**

**Bank :**

**Get:** "/bank/view"

[

    {

        "bankId": 1,

        "accountHolderName": "subash",

        "accountNumber": 12345678,

        "accountType": "single",

        "bankName": "sbi",

        "bankStatus": **true**,

        "branchName": "tvl",

        "ifscCode": "2344",

        "mobileNumber": "23435545"

    }

]

**Post:** "/Bank/save"

Input:    {

        "accountHolderName": "subash",

        "accountNumber": 12345678,

        "accountType": "owner" or “customer”,

        "bankName": "sbi",

        "bankStatus": **true**,

        "branchName": "tvl",

        "ifscCode": "2344",

        "mobileNumber": "6382107686"

    }

Response:  
200 OK

Bank profile saved successfully ,Bank ID:3

**Put:** "/Bank/edit/{id}"

**Input:**

   {

        "accountHolderName": "subash",

        "accountNumber": 12345678,

        "accountType"owner" or “customer”,

        "bankName": "sbi",

        "bankStatus": **true**,

        "branchName": "tvl",

        "ifscCode": "2344",

        "mobileNumber": "6382107686"

    }

**Output:**

{

    "bankId": 3,

    "accountHolderName": "subash",

    "accountNumber": 12345678,

    "accountType": "owner" or “customer”,

    "bankName": "sbi",

    "bankStatus": **true**,

    "branchName": "tvl",

    "ifscCode": "2344",

    "mobileNumber": "6382107686"

}

**Delete:** "/Bank/delete/{id}"

Response:

200 OK

Bank deleted successfully

**Internal Transcation:**

**Get:** "/Internal/view"

[

    {

        "internalTranscationId": 1,

        "bankId": 345,

        "date": "2023-07-05",

        "paymentType": "credit" or “debit”,

        "amount": 5435.0

    }

]

**Post:** "/Internal/save"

Input:

{

        "bankId": 555,

        "date": "2023-07-05",

        "paymentType": "credit" or “debit”,

        "amount": 5435.0

    }

Output:

Response:  
200 OK

InternalTransc profile saved successfully ,Bank ID:3

**Put:** "/InternalTransc/{id}"

**Input:** {

        "bankId": 555,

        "date": "2023-07-05",

        "paymentType": "credit" or “debit”,

        "amount": 5435.0

    }

**Output:**

{

    "internalTranscationId": 3,

    "bankId": 555,

    "date": "2023-07-04",

    "paymentType": "credit" or “debit”,

    "amount": 5435.0

}

**Delete:** "/internal/delete/{id}"

Response:  
200 OK

Internal transc deleted successfully

**Online Transcation:**

**Get:** "/Online/view"

[

    {

        "newBankId": 1,

        "ownBankId": 232443,

        "clientBankId": 123,

        "date": "2023-07-01",

        "amount": 234.0,

        "paymentType": "credit" or “debit”,

    }

**Post:** "/Online/save"

**Input:**

{

        "bankId": 555,

        "date": "2023-07-05",

        "paymentType": "credit" or “debit”,

        "amount": 5435.0

    }

**Output:**

Response:  
200 OK

InternalTransc profile saved successfully ,Bank ID:3

**Put :** "/Online/edit/{id}"

**Input:**

 {

        "ownBankId": 88855,

        "clientBankId": 123,

        "date": "2023-07-01",

        "amount": 234.0,

        "paymentType"credit",or “debit”

    }

Output:

{

    "newBankId": 3,

    "ownBankId": 88855,

    "clientBankId": 123,

    "date": "2023-06-30",

    "amount": 234.0,

    "paymentType:"credit" or “debit”,

}

Delete: "/online/delete/{id}"

Response:  
200 OK

onlinetransc deleted successfully

Appoinment Module

@GetMapping("/booking/view")

Output:

[

    {

        "bookingId": 1,

        "customerId": 1,

        "employeeId": 1,

        "startTime": "15:02:23",

        "endTime": "10:00:12",

        "bookingDate": "2023-03-14",

        "items": [

            {

                "bookingListId": 1,

                "itemId": 1

            }

        ]

    }

]

@PostMapping(value = "/booking/save")

Input:

{

        "customerId": 1,

        "employeeId": 1,

        "startTime": "15:02:23",

        "endTime": "10:00:12",

        "bookingDate": "2023-03-14",

        "items": [

            {

                "itemId": 1

            }

        ]

    }

Output: Booking saved successfully. Booking ID: 1

@PutMapping("/booking/edit/{id}")

Input:

{

        "customerId": 1,

        "employeeId": 1,

        "startTime": "15:20:23",

        "endTime": "10:00:12",

        "bookingDate": "2023-08-14",

        "items": [

            {

                "itemId": 2

            }

        ]

    }

Output: {

    "bookingId": 1,

    "customerId": 1,

    "employeeId": 1,

    "startTime": "15:20:23",

    "endTime": "10:00:12",

    "bookingDate": "2023-08-14",

    "items": [

        {

            "bookingListId": 6,

            "itemId": 2

        }

    ]

}

@DeleteMapping("/booking/delete/{id}")

Output: Booking details deleted success

Employee Module

@GetMapping("/employee/view")

Output: [

    {

        "employeeId": 1,

        "employeeName": "kavin",

        "address": "hello",

        "mobileNumber": "9500751470",

        "dob": "1898-04-26",

        "gender": "male",

        "password": "123456",

        "email": "kavin.ideaux@gmail.com",

        "country": "india",

        "date": "2023-08-11",

        "location": "ngl",

        "district": "kanyakumari",

        "dateOfJoining": "2022-08-11",

        "pincode": 656230,

        "status": **true**,

        "workingStatus": **true**

    }

]

@PostMapping(value = "/employee/save")

Input: {

        "employeeName": "sanjay",

        "address": "hello",

        "mobileNumber": "9500751470",

        "dob": "1898-04-26",

        "gender": "male",

        "password": "123456",

        "email": "sanjay.ideaux@gmail.com",

        "country": "india",

        "date": "2023-08-11",

        "location": "ngl",

        "district": "kanyakumari",

        "dateOfJoining": "2022-08-11",

        "pincode": 656230,

        "status": **true**,

        "workingStatus": **true**

    }

Output: Employee saved successfully. Employee ID: 2

@PutMapping("/employee/edit/{id}")

Input: {

        "employeeName": "neelu",

        "address": "hello",

        "mobileNumber": "9500751470",

        "dob": "1898-04-26",

        "gender": "male",

        "password": "123456",

        "email": "neelu.ideaux@gmail.com",

        "country": "india",

        "date": "2023-08-11",

        "location": "ngl",

        "district": "kanyakumari",

        "dateOfJoining": "2022-08-11",

        "pincode": 656230,

        "status": **true**,

        "workingStatus": **true**

    }

Output: {

    "employeeId": 1,

    "employeeName": "neelu",

    "address": "hello",

    "mobileNumber": "9500751470",

    "dob": "1898-04-26",

    "gender": "male",

    "password": "123456",

    "email": "neelu.ideaux@gmail.com",

    "country": "india",

    "date": "2023-08-11",

    "location": "ngl",

    "district": "kanyakumari",

    "dateOfJoining": "2022-08-11",

    "pincode": 656230,

    "status": **true**,

    "workingStatus": **true**

}

@DeleteMapping("/employee/delete/{id}")

Output: Employee deleted successfully

Attendance Module

@GetMapping("/attendance/view")

output: [

    {

        "attendanceId": 1,

        "attendanceDate": "2023-03-29",

        "attendanceDetails": [

            {

                "attendanceListId": 1,

                "employeeId": 1,

                "section": "Full",

                "attendanceStatus": **true**,

                "present": **true**,

                "absent": **false**,

                "fullDay": **true**,

                "halfDay": **false**,

                "inTime": "10:00:00",

                "outTime": "12:00:00"

            }

        ]

    }

]

@PostMapping(value = "/attendance/save")

Input: {

        "attendanceDate": "2023-03-29",

        "attendanceDetails": [

            {

                "employeeId": 1,

                "section": "Full",

                "attendanceStatus": **true**,

                "inTime": "10:00:00",

                "outTime": "12:00:00"

            }

        ]

    }

Output: Attendance saved successfully. Attendance ID: 3

@DeleteMapping("/attendance/delete/{id}")

Output: attendance deleted successfully

@PutMapping("/attendance/edit/{id}")

Input: {

        "attendanceDate": "2023-03-29",

        "attendanceDetails": [

            {

                "attendanceListId": 2,

                "employeeId": 1,

                "section": "Half",

                "attendanceStatus": **true**,

                "present": **true**,

                "absent": **false**,

                "fullDay": **false**,

                "halfDay": **true**,

                "inTime": "10:00:00",

                "outTime": "12:00:00"

            }

        ]

    }

Output: {

    "attendanceId": 2,

    "attendanceDate": "2023-03-29",

    "attendanceDetails": [

        {

            "attendanceListId": 2,

            "employeeId": 1,

            "section": "Half",

            "attendanceStatus": **true**,

            "present": **true**,

            "absent": **false**,

            "fullDay": **false**,

            "halfDay": **true**,

            "inTime": "10:00:00",

            "outTime": "12:00:00"

        }

    ]

}

@GetMapping("/payroll/view")

Input: [

    {

        "payrollId": 1,

        "employeeId": 1,

        "attendanceId": 1,

        "totalDeductions": 0.0,

        "allowance": 100.0,

        "basicSalary": 10000.0,

        "netPay": 10100.0,

        "date": "2023-08-11"

    }

]

@PostMapping(value = "/payroll/save")

Input:  {

       "employeeId": 1,

        "attendanceId": 1,

        "totalDeductions": 0.0,

        "allowance": 1000.0,

}

        "basicSalary": 10000.0,

        "date": "2023-08-11"

    }

Output: Payroll saved successfully. Payroll ID: 2

@PutMapping("/payroll/edit/{id}")

Input: {

        "employeeId": 1,

        "attendanceId": 1,

        "totalDeductions": 0.0,

        "allowance": 1000.0,

        "basicSalary": 10000.0,

        "date": "2023-08-11"

    }

Ouput: {

    "payrollId": 1,

    "employeeId": 1,

    "attendanceId": 1,

    "totalDeductions": 0.0,

    "allowance": 1000.0,

    "basicSalary": 10000.0,

    "netPay": 0.0,

    "date": "2023-08-11"

}

@DeleteMapping("/payroll/delete/{id}")

Output: payroll deleted successfully

**Customer Module**

**Customer:**

**Get: "**/customer/view"

**Output:**

[

{

"customerId": 1,

"customerName": "meenuu",

"mobileNumber": "8787878787",

"email": "meenu@gmail.com",

"city": "chennai",

"state": "tamilnadu",

"country": "india",

"location": "chennai",

"pinCode": 654345,

"gender": "female",

"address": "therasha street"

}

]

**Post:**"customer/save"

**input:**

{

"customerName": "meenuu",

"mobileNumber": "8787878787",

"email": "meenu@gmail.com",

"city": "chennai",

"state": "tamilnadu",

"country": "india",

"location": "chennai",

"pinCode": 654345,

"gender": "female",

"address": "therasha street"

}

**Response:**

200 OK

Customer saved successfully. Customer ID: 1

**Put:** "customer/edit/{id}"

**intput:**

{

"customerName": "anju",

"mobileNumber": "8787878787",

"email": "meenu@gmail.com",

"city": "chennai",

"state": "tamilnadu",

"country": "india",

"location": "bangalore",

"pinCode": 654355,

"gender": "female",

"address": "therasha street"

}

**Output:**

{

"customerId": 1,

"customerName": "anju",

"mobileNumber": "8787878787",

"email": "meenu@gmail.com",

"city": "chennai",

"state": "tamilnadu",

"country": "india",

"location": "bangalore",

"pinCode": 654355,

"gender": "female",

"address": "therasha street"

}

**Delete: "**customer/delete/{id}"

**Response:**

200 OK

Customer details deleted successfully.

**CustomerFeedback:**

**Get**: "customerFeedback/view"

**Input:**

**[**

{

"customerFeedBackId": 1,

"feedBack": "goodservice",

"customerId": 1,

"createdDate": "2023-04-21"

}

]

**Post:** "customerFeedback/save"

**Input:**

{

"feedBack": "goodproduct",

"customerId": 2,

"createdDate": "2023-05-11"

}

**Output:** CustomerFeedback saved successfully. CustomerFeedback ID: 3

**Put:** "customerFeedback/edit/{id}"

**Input:**

{

"feedBack": "goodService",

"customerId": 2,

"createdDate": "2023-06-11"

}

**Ouput:**

{

"customerFeedBackId": 1,

"feedBack": "goodService",

"customerId": 2,

"createdDate": "2023-06-11"

}

**Delete:** "customerFeedback/delete/{id}"

**Output:** CustomerFeedback details deleted successfully

**Point Of Sales Module:**

**Sales:**

**Get:** "sales/view"

**Input:**

[

{

"salesId": 1,

"customerId": 1,

"createdDate": "2023-09-09",

"paymentMode": "onlinepayment",

"saleslists": [

{

"salesListId": 1,

"amount": 7800.0,

"quantity": 50,

"itemId": 1,

"gst": 10,

"discount": 20.0

}

]

}

]

**Post:** "sales/save"

**Input:** {

"customerId": 2,

"createdDate": "2023-09-09",

"paymentMode": "onlinepayment",

"saleslists": [

{

"amount": 9800.0,

"quantity": 50,

"itemId": 1,

"gst": 20,

"discount": 20.0

}

]

}

**Output:** Sales saved successfully. Sales ID: 5

**Put:** "sales/edit/{id}"

**Input:**

{

"customerId": 3,

"createdDate": "2023-09-09",

"paymentMode": "cash on delivery",

"saleslists": [

{

"salesListId": 1,

"amount": 9800.0,

"quantity": 500,

"itemId": 1,

"gst": 20,

"discount": 20.0

}

]

}

**Output:**

{

"salesId": 1,

"customerId": 3,

"createdDate": "2023-09-09",

"paymentMode": "cash on delivery",

"saleslists": [

{

"salesListId": 1,

"amount": 9800.0,

"quantity": 500,

"itemId": 1,

"gst": 20,

"discount": 20.0

}

]

}

**Delete:** "sales/delete/{id}"

**Output:** Sales details deleted successfully

**Inventory Module:**

**Category:**

**Get:** "category/view"

**Input:**

**[**

**{**

**"categoryId": 1,**

**"categoryName": "sshhiinnuu",**

**"categoryType": "sshhhii"**

**}**

**]**

**Post:**"category/save"

**Input:**

**{**

**"categoryName": "shinu",**

**"categoryType": "sshhhii"**

**}**

**OutPut: Category saved successfully. Category ID: 4**

**Put:** "category/edit/{id}"

**Input:**

{

"categoryName": "anjuu",

"categoryType": "sshhhii"

}

**Output:**

{

"categoryId": 1,

"categoryName": "anjuu",

"categoryType": "sshhhii"

}

**Delete:**"category/delete/{id}"

**Output:**Category details deleted successfully

**Inventory:**

**Get:** "inventory/view"

**Input:**

[

{

"inventoryId": 1,

"createdDate": "2023-08-08",

"inventorylists": [

{

"inventoryListId": 1,

"itemId": 1,

"quantity": 88,

"gst": 45

}

]

},

{

"inventoryId": 2,

"createdDate": "2022-09-09",

"inventorylists": [

{

"inventoryListId": 2,

"itemId": 2,

"quantity": 65,

"gst": 34

}

]

},

{

"inventoryId": 3,

"createdDate": "2023-08-02",

"inventorylists": [

{

"inventoryListId": 3,

"itemId": 2,

"quantity": 99,

"gst": 55

},

{

"inventoryListId": 4,

"itemId": 3,

"quantity": 90,

"gst": 65

}

]

}

]

**Post:** "inventory/save"

**Input:**

{

"createdDate": "2022-08-08",

"inventorylists": [

{

"itemId": 2,

"quantity": 88,

"gst": 45

}

]

}

**Output:** Inventory saved successfully. Inventory ID: 6

**Put:** "inventory/edit/{id}"

**Input:**

**{**

**"createdDate": "2022-08-08",**

**"inventorylists": [**

**{**

**"inventoryListId": 1,**

**"itemId": 2,**

**"quantity": 88,**

**"gst": 45**

**}**

**]**

**}**

**Output:**

{

"inventoryId": 1,

"createdDate": "2022-08-08",

"inventorylists": [

{

"inventoryListId": 1,

"itemId": 2,

"quantity": 88,

"gst": 45

}

]

}

**Delete:** "inventory/delete/{id}"

**OutPut:** Inventory details deleted successfully

**Item:**

**Get:** "item/view"

**Input:**

[

{

"itemId": 1,

"itemName": "hhh",

"subCategoryId": 2,

"price": 743.0,

"code": 4566,

"stock": 122

}

]

**Post:** "item/save"

**Input:**

{

"itemName": "jjj",

"subCategoryId": 2,

"price": 750.0,

"code": 4566,

"stock": 120

}

**Output:** Item saved successfully. Item ID: 3

**Put:** "item/edit/{id}"

**Input:**

{

"itemName": "kkk",

"subCategoryId": 2,

"price": 750.0,

"code": 4566,

"stock": 190

}

**Output:**

{

"itemId": 3,

"itemName": "kkk",

"subCategoryId": 2,

"price": 750.0,

"code": 4566,

"stock": 120

}

**Delete:** "item/delete/{id}"

**Output:** Items details deleted successfully

**SubCategory:**

**Get:** "subCategory/view"

**Input:**

[

{

"subCategoryId": 1,

"subCategoryName": "sss",

"categoryId": 1

}

]

**Post:** "subcategory/save"

**Input:**

{

"subCategoryName": "ssshh",

"categoryId": 1

}

**Output:** SubCategory saved successfully. SubCategory ID: 3

**Put:** "subcategory/edit/{id}"

**Input:**

{

"subCategoryName": "uuuu",

"categoryId": 1

}

**Output:**

{

"subCategoryId": 1,

"subCategoryName": "uuuu",

"categoryId": 1

}

**Delete:** "subcategory/delete/{id}"

**Output:** SubCategory details deleted successfully