**REST API Document**

|  |  |
| --- | --- |
| **Generate Bill for scanned items** | |
| Method: | POST (Takes JSON input as scanned Item Id’s) |
| URL: | <http://localhost:8081/itemsbilling/generateBill> |
| Input: | [1,2,3,4,5,6,7,8,9,10] |
| Output: | {  **"orderedItems"**: [  {  "itemId": 1,  "itemName": "CD",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 100  },  {  "itemId": 2,  "itemName": "DVD",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 200  },  {  "itemId": 3,  "itemName": "Graphics Card",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 18:09:19.0",  "price": 2400  },  {  "itemId": 4,  "itemName": "RAM",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 1300  },  {  "itemId": 5,  "itemName": "Mouse",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 500  },  {  "itemId": 6,  "itemName": "Mouse Pad",  "itemCategory": {  "categoryId": 3,  "categoryName": "Category C",  "salesTax": null,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 150  },  {  "itemId": 7,  "itemName": "Keyboard",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 750  },  {  "itemId": 8,  "itemName": "Desktop Cover",  "itemCategory": {  "categoryId": 3,  "categoryName": "Category C",  "salesTax": null,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 200  },  {  "itemId": 9,  "itemName": "Router",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 1050  },  {  "itemId": 10,  "itemName": "HDD",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 5000  }  ],  **"totalSalesTax"**: 2020,  **"totalCost"**: 13670  } |

|  |  |
| --- | --- |
| **Get All Items Details** | |
| Method: | GET |
| URL: | <http://localhost:8081/itemsbilling/getAllItems> |
| Input: | N/A |
| Output: | [  {  "itemId": 1,  "itemName": "CD",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 100  },  {  "itemId": 2,  "itemName": "DVD",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 200  },  {  "itemId": 3,  "itemName": "Graphics Card",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 18:09:19.0",  "price": 2400  },  {  "itemId": 4,  "itemName": "RAM",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 1300  },  {  "itemId": 5,  "itemName": "Mouse",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 500  },  {  "itemId": 6,  "itemName": "Mouse Pad",  "itemCategory": {  "categoryId": 3,  "categoryName": "Category C",  "salesTax": null,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 150  },  {  "itemId": 7,  "itemName": "Keyboard",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 750  },  {  "itemId": 8,  "itemName": "Desktop Cover",  "itemCategory": {  "categoryId": 3,  "categoryName": "Category C",  "salesTax": null,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 200  },  {  "itemId": 9,  "itemName": "Router",  "itemCategory": {  "categoryId": 1,  "categoryName": "Category A",  "salesTax": 10,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 1050  },  {  "itemId": 10,  "itemName": "HDD",  "itemCategory": {  "categoryId": 2,  "categoryName": "Category B",  "salesTax": 20,  "createdDate": "2018-08-18 00:00:00.0"  },  "createdDate": "2018-08-18 00:00:00.0",  "price": 5000  }  ] |