# Test Report Bill API Service

# Bill API

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|  | | |  | **Test Plan** | | **Test Results** | |
| **ID** | **Operation** | **Scenario Description** | **Scenario Type** | **Applicable**  **(Y / N)** | **Exclusion Reason** | **Pass / Fail** | **Notes** |
| **Post / Retrieve Bill Success Scenarios** | | | | | | | |
| MOCK-BILL-001 | Retrieve | User is able to retrieve Provisional Tax details with Standard Method (STD) | Success |  |  |  |  |
| MOCK-BILL-002 | Retrieve | User is able to retrieve Provisional Tax details with Estimation Method (EST) | Success |  |  |  |  |
| MOCK-BILL-003 | Retrieve | User is able to retrieve Provisional Tax details with Ratio Method (RATIO) | Success |  |  |  |  |
| MOCK-BILL-004 | Retrieve | User is able to retrieve Provisional Tax details with Accounting Income Method (AIM) | Success |  |  |  |  |
| **Post / Retrieve Bill Error Scenarios** | | | | | | | |
| MOCK-BILL-005 | Retrieve | User receives an error “HTTP Response Status: 401” when not authorised to access a Bill Item.  "errors": [  {  "code": "EV1022",  "type": "validation",  "message": "Unauthorised delegation." | Failure |  |  |  |  |
| MOCK-BILL-006 | Retrieve | User receives an error “HTTP Response Status: 400” when the request body is empty  "errors": [  {  "code": "EV1000",  "type": "validation",  "message": "No incoming POST content found" | Failure |  |  |  |  |
| MOCK-BILL-007 | Retrieve | User receives an error “HTTP Response Status: 400” when the request body has an invalid JSON.  "errors": [  {  "code": "EV1001",  "type": "validation",  "message": "Error parsing incoming POST content because of invalid markup" | Failure |  |  |  |  |
| MOCK-BILL-008 | Retrieve | User receives an error “HTTP Response Status: 400” when the request body has an invalid field name.  "errors": [  {  "code": "EV1002",  "type": "validation",  "message": "Incoming content contains invalid field names or field/value lengths exceeding 255 characters." | Failure |  |  |  |  |
| MOCK-BILL-009 | Retrieve | User receives an error “HTTP Response Status: 400” when the request body is missing mandatory field “Bill.Id”  "errors": [  {  "code": "EV2000",  "type": "validation",  "message": "Mandatory field - Bill.Id - is missing" | Failure |  |  |  |  |
| MOCK-BILL-010 | Retrieve | User receives an error “HTTP Response Status: 404” when the request Bill.Id is does not match any existing Bill Item.  "errors": [  {  "code": "ER5000",  "type": "result",  "message": "No bill item found with input data" | Failure |  |  |  |  |
| MOCK-BILL-011 | Retrieve | User receives an error “HTTP Response Status: 401” when the supplied OAUTH token is invalid / expired  "errors": [  {  "code": "EV1020",  "type": "security",  "message": "Authentication error" | Failure |  |  |  |  |
| MOCK-BILL-012 | Retrieve | User receives an error “HTTP Response Status: 401” when the OAUTH token is not supplied.  "errors": [  {  "code": "EV1021",  "type": "security",  "message": "Missing OAuth in the HTTP header" | Failure |  |  |  |  |