**BLOGGER MANAGE SYSTEM – API**

**Document Information**

|  |  |  |
| --- | --- | --- |
| **Document Identification** | BTS | |
| **Document Name** | BLOGGER MANAGE SYSTEM – API | |
| **Version Number** | 1.00 | |
| **Issue Date** | 10/07/2022 | |
| **Authored by** | Janaka Vidanagamage |  |
| **Reviewed by** | Janaka Vidanagamage |  |
| **Approved by** | Janaka Vidanagamage |  |

1. **Communication**

The communication channel should be REST web service using JSON.

**Method:** POST / PUT / GET / DELETE

**Headers:** Content-Type: application/json

1. **Security**

**Headers:**

Content-Type: application/json

Authorization: bearer {{user-token}}

If Authentication Fail Return below json message

{

"rescode": "97",

"resdes": "Authentication failed "

}

**user-token:**

Bearer eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiJKYW5ha2EiLCJuYW1lIjoiSmFuYWthIiwiaWF0IjoxNTE2MjM5MDIyfQ.4bLMSSLAZ\_FP9WtD4\_RWTRblo2JlCzhISo0hYtWVj7E

1. **Fields Details**

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Description** |
| id | Number | Author id / Post id/ comments id |
| name | String | Author Name / Comments name |
| username | String | Username of author |
| email | String | Author email / Comments email |
| title | String | Title of post |
| body | String | Title of body |
| createdOn | TimeStamp | Create time |
| modifiedOn | TimeStamp | Update time |
| rescode | String | Response Code (Refer Response Codes Table) |
| resdes | String | Response Description (Refer Response Codes Table) |

1. **Request and Response Details**

**Create Author**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | POST | http://localhost:8082/api/blog/createAuthor |
| Example | {"name":"Author 01","username":"Auth01", "email":"A1@gmail.com","address":"NO 1, ADD 1"} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Update Author**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | PUT | http://localhost:8082/api/blog/author/{id} |
| Example | {"name":"Author 01","username":"Auth01", "email":"A1@gmail.com","address":"NO 1, ADD 1"} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Delete Author**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | DELETE | http://localhost:8082/api/blog/author/{id} |
| Example | http://localhost:8082/api/blog/author/1 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success" } |

**Get All Author**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/getAllAuthor |
| Example | http://localhost:8082/api/blog/getAllAuthor | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "author": [  {  "id": 1,  "name": "Author 01",  "username": "Auth01",  "email": "A1@gmail.com",  "address": "NO 1, ADD 1"  },  {  "id": 2,  "name": "Author 02",  "username": "Auth02",  "email": "A2@gmail.com",  "address": "NO 2, ADD 2"  },  {  "id": 3,  "name": "Author 03",  "username": "Auth03",  "email": "A3@gmail.com",  "address": "NO 3, ADD3"  }  ]  } |

**Get Author By Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/author/{id} |
| Example | http://localhost:8082/api/blog/author/1 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "author": [  {  "id": 1,  "name": "Author 01",  "username": "Auth01",  "email": "A1@gmail.com",  "address": "NO 1, ADD 1"  }  ]  } |

**Get Author Posts By Author Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/author/{id}/posts |
| Example | http://localhost:8082/api/blog/author/1/posts | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "author": [  {  "id": 1,  "name": "Author 01",  "username": "Auth01",  "email": "A1@gmail.com",  "address": "NO 1, ADD 1",  "posts": [  {  "id": 5,  "authorid": 1,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:14.841+00:00",  "modifiedOn": "2022-07-10T16:15:14.841+00:00"  },  {  "id": 6,  "authorid": 1,  "title": "C",  "body": "C is support multiple inheritance",  "createdOn": "2022-07-10T16:15:51.958+00:00",  "modifiedOn": "2022-07-10T16:15:51.958+00:00"  }  ]  }  ]  } |

**Get Author Fully Details (Posts and Comments Details) By Author Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/author/{id}/posts/comments |
| Example | http://localhost:8082/api/blog/author/1/posts/comments | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "author": [  {  "id": 1,  "name": "Author 01",  "username": "Auth01",  "email": "A1@gmail.com",  "address": "NO 1, ADD 1",  "posts": [  {  "id": 5,  "authorid": 1,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:14.841+00:00",  "modifiedOn": "2022-07-10T16:15:14.841+00:00",  "comments": [  {  "id": 8,  "postid": 5,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:46:14.889+00:00",  "modifiedOn": "2022-07-10T16:46:14.889+00:00"  }  ]  },  {  "id": 6,  "authorid": 1,  "title": "C",  "body": "C is support multiple inheritance",  "createdOn": "2022-07-10T16:15:51.958+00:00",  "modifiedOn": "2022-07-10T16:15:51.958+00:00",  "comments": [  {  "id": 7,  "postid": 6,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:43:19.616+00:00",  "modifiedOn": "2022-07-10T16:43:19.616+00:00"  },  {  "id": 9,  "postid": 6,  "name": "Kasun",  "email": "kassa@Gmail.com",  "body": "This is a good post 2",  "createdOn": "2022-07-10T16:47:21.217+00:00",  "modifiedOn": "2022-07-10T16:47:21.217+00:00"  }  ]  }  ]  }  ]  } |

**Create Posts**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | POST | http://localhost:8082/api/blog/{id}/createPosts |
| Example | {"title":"JAVA","body":"JAVA not support for multiple inheritance"} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Update Post**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | PUT | http://localhost:8082/api/blog/posts/{id} |
| Example | {"title":"JAVA","body":"JAVA not support for multiple inheritance"} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Delete Posts**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | DELETE | http://localhost:8082/api/blog/posts/{id} |
| Example | http://localhost:8082/api/ posts /author/1 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success" } |

**Get All Posts**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/getAllPost |
| Example | http://localhost:8082/api/blog/ getAllPost | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "posts": [  {  "id": 4,  "authorid": 3,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:02.528+00:00",  "modifiedOn": "2022-07-10T16:15:02.528+00:00"  },  {  "id": 5,  "authorid": 1,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:14.841+00:00",  "modifiedOn": "2022-07-10T16:15:14.841+00:00"  },  {  "id": 6,  "authorid": 1,  "title": "C",  "body": "C is support multiple inheritance",  "createdOn": "2022-07-10T16:15:51.958+00:00",  "modifiedOn": "2022-07-10T16:15:51.958+00:00"  }  ]  } |

**Get Post By Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/posts/{id} |
| Example | http://localhost:8082/api/blog/author/1 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "posts": [  {  "id": 4,  "authorid": 3,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:02.528+00:00",  "modifiedOn": "2022-07-10T16:15:02.528+00:00"  }  ]  } |

**Get Post Comments By Post Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/posts/{id}/comments |
| Example | http://localhost:8082/api/blog/posts/{id}/comments | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "posts": [  {  "id": 5,  "authorid": 1,  "title": "JAVA",  "body": "JAVA not support for multiple inheritance",  "createdOn": "2022-07-10T16:15:14.841+00:00",  "modifiedOn": "2022-07-10T16:15:14.841+00:00",  "comments": [  {  "id": 8,  "postid": 5,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:46:14.889+00:00",  "modifiedOn": "2022-07-10T16:46:14.889+00:00"  }  ]  }  ] } |

**Create Comments**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | POST | http://localhost:8082/api/blog/{id}/createComments |
| Example | {"name":"Janaka","email":"Jana1@Gmail.com","body":"This is a good post "} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Update Comments**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | PUT | http://localhost:8082/api/blog/comments/{id} |
| Example | {"name":"Janaka","email":"Jana1@Gmail.com","body":"This is a good post "} | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success"} |

**Delete Comments**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | DELETE | http://localhost:8082/api/blog/comments/{id} |
| Example | http://localhost:8082/api/ posts /author/1 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | { "rescode": "00", "resdes": "Success" } |

**Get All Comments**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/getAllComments |
| Example | http://localhost:8082/api/blog/getAllComments | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "comments": [  {  "id": 7,  "postid": 6,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:43:19.616+00:00",  "modifiedOn": "2022-07-10T16:43:19.616+00:00"  },  {  "id": 8,  "postid": 5,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:46:14.889+00:00",  "modifiedOn": "2022-07-10T16:46:14.889+00:00"  },  {  "id": 9,  "postid": 6,  "name": "Kasun",  "email": "kassa@Gmail.com",  "body": "This is a good post 2",  "createdOn": "2022-07-10T16:47:21.217+00:00",  "modifiedOn": "2022-07-10T16:47:21.217+00:00"  }  ]  } |

**Get Comment by Id**

**Request**

|  |  |  |
| --- | --- | --- |
| **Fields** | **Description** | |
| URL | GET | http://localhost:8082/api/blog/comments/{id} |
| Example | http://localhost:8082/api/blog/comments/7 | |

**Response**

|  |  |
| --- | --- |
| **Fields** | **Description** |
| Example | {  "rescode": "00",  "resdes": "Success",  "comments": [  {  "id": 7,  "postid": 6,  "name": "Janaka",  "email": "Jana1@Gmail.com",  "body": "This is a good post ",  "createdOn": "2022-07-10T16:43:19.616+00:00",  "modifiedOn": "2022-07-10T16:43:19.616+00:00"  }  ]  } |

1. **Response Codes Details**

|  |  |
| --- | --- |
| Response Code | Description |
| 00 | Success |
| 96 | NOT FOUND |
| 97 | Authentication Fail |
| 99 | INTERNAL\_SERVER\_ERROR |