**Note Rest API**

Revision History

The following information describes changes made to this document. Entries should be made to the table below as information is added or revised.

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author(s)** |
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# Introduction

The purpose of this document is to define the Rest API of Note user Interface.

The following section describes the interaction between Rest API and the backend system.

## Note - getNoteById

Get the Note based on noteId.

### Connection Information

|  | |
| --- | --- |
| Operation Name | Note. getNoteById () |

### Inputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| Header | HttpHeader | Not Required |
|
|
| noteId | int | Required |
|  | |

### Outputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| NoteResponse |  |  |
|  | |
| status |
|  | |
| httpStatus | String | Required |
| 200-Success with response body 404-Page Not found | |
| statusMessage | String | Not Required |
|  | |
| NoteResponse | NoteResponse | Not Required |
|  | |
| noteId | Int | Required |
|  | |
| title | String | Required |
|  | |
| noteDesc | String | Not Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |
| lastUpdateTime | String (dd MMM yyyy) | Not Required |
|  | |
| User | User | Not Required |
|  | |
| userId | int | Required |
|  | |
| email | String | Required |
|  | |
| createTime | String(dd MMM yyyy) | Required |
|  | |
| lastUpdateTime | String(dd MMM yyyy) | Required |
|  | |

## Note - getNotesByUserId

Retrieve the Notes of user by userId.

### Connection Information

|  | |
| --- | --- |
| Operation Name | Note. getNotesByUserId () |

### Inputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| Header | HttpHeader | Not Required |
|  | |
| userId | int | Required |
| userId default value 1,2,3 | |

### Outputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| List<NoteResponse> |  |  |
|  | |
| noteId | Int |  |
|  | |
| title | String | Required |
|  | |
| noteDesc | String | Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |

## Note - createNote

Create the Note for user and with details.

### Connection Information

|  | |
| --- | --- |
| Operation Name | Note.createNote () |

### Inputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| Header | HttpHeader | Not Required |
|  | |
| noteId | Int | Required |
|  | |
| title | String | Not Required |
|  | |
| noteDesc | String | Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |
| lastUpdateTime | String (dd MMM yyyy) | Not Required |
|  | |
| User | User | Not Required |
|  | |
| userId | int | Required |
|  | |
| noteId | Int | Required |
|  | |
| title | String | Not Required |
|  | |
| noteDesc | String | Not Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |

### Outputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| createResponse |  | Not Required |
|  | |
| status |  | Required |
|  | |
| httpStatus | String | Required |
| 200-Success with response body 404-Page not found | |
|  | |
|  | |

## Note - updateNote

Update note for user based on UserId.

### Connection Information

|  | |
| --- | --- |
| Operation Name | Note.updateNote () |

### Inputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| Header | HttpHeader | Not Required |
|  | |
| noteId | Int | Required |
|  | |
| title | String | Required |
|  | |
| noteDesc | String | Not Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |
| lastUpdateTime | String (dd MMM yyyy) | Not Required |
|  | |
| User | User | Not Required |
|  | |
| userId | int | Required |
|  | |
| noteId | Int | Not Required |
|  | |
| title | String | Not Required |
|  | |
| noteDesc | String | Not Required |
|  | |
| createTime | String(dd MMM yyyy) | Not Required |
|  | |

### Outputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| createResponse |  | Not Required |
|  | |
| status |  | Required |
|  | |
| httpStatus | String | Required |
| 200-Success with response body 404-Page not found | |
|  | |

## Note - deleteNote

Delete note for user based on noteId.

### Connection Information

|  | |
| --- | --- |
| Operation Name | Note.updateNote () |

### Inputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| Header | HttpHeader | Not Required |
|  | |
| noteId | Int | Required |
|  | |
|  | |
|  | |

### Outputs

| **Name** | **Type/Required/Description** | |
| --- | --- | --- |
| createResponse |  | Not Required |
|  | |
| status |  | Required |
|  | |
| httpStatus | String | Required |
|  | |