## **1. File Store Service REST APIs**

**1.1 Upload file API**

* Upload file into Mysql database.

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| --- | --- |
| **Protocol**: | HTTP |
| **Description**: | Upload file into Mysql db. |
| **Request Message:** | |
| |  |  | | --- | --- | | **Method** | POST | | **URL** | http://localhost:8081/nokia/upload | | |
| **Request Headers:** | |

|  |  |
| --- | --- |
| **Header Name** | **Value** |
|  |  |

**Request Parameters:**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Constraints** |
| File | Multipart file | * Compulsory field * No spaces in filename * File max size- 10MB |

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| **Response Message:** |
| Success:   |  |  | | --- | --- | | **Response Code** | **Reason Phrase** | | 200 | OK | | **Response Headers** | | | **Name** | **Value** | | content-type | application/json;charset=UTF-8 | | **Response Body** | | | File uploaded successfully. | |   Failure:   |  |  | | --- | --- | | **Code** | **Reason Phrase** | | 400 | Bad Request | | 500 | Internal Server Error | |

* 1. **File list API**
* Get list of files from file table.

|  |  |
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| **Protocol**: | HTTP |
| **Description**: | Get file list from the file table. |
| **Request Message:** | |
| |  |  | | --- | --- | | **Method** | GET | | **URL** | http://localhost:8081/nokia/files | | |
| **Request Headers:** | |

|  |  |
| --- | --- |
| **Header Name** | **Value** |
|  |  |

**Request Parameters:**

|  |  |
| --- | --- |
| **Parameter** | **Type** |
|  |  |

|  |
| --- |
| **Response Message:** |
| Success:   |  |  | | --- | --- | | **Response Code** | **Reason Phrase** | | 200 | OK | | **Response Headers** | | | **Name** | **Value** | | content-type | application/json;charset=UTF-8 | | **Response Body** | | | [  {  "name": "Example-sources.zip",  "url": "http://localhost:8081/files/2eaeb894-d33a-418b-9491-006074e21dac",  "type": "application/zip",  "size": 22  },  {  "name": "catridge-service.rar",  "url": "http://localhost:8081/files/5ffda76e-b394-4b15-aa2b-8ed14dbe9d81",  "type": "application/x-rar-compressed",  "size": 6182  }  ] | |   Failure:   |  |  | | --- | --- | | **Code** | **Reason Phrase** | | 400 | Bad Request | | 500 | Internal Server Error | |

* 1. **Get file by id API**
* Get firmware from metadata table based on name.

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| --- | --- |
| **Protocol**: | HTTP |
| **Description**: | Get file from the file table by id. |
| **Request Message:** | |
| |  |  | | --- | --- | | **Method** | GET | | **URL** | http://localhost:8081/nokia/files {id} | | |
| **Request Headers:** | |

|  |  |
| --- | --- |
| **Header Name** | **Value** |
|  |  |

**Request Parameters:**

|  |  |  |
| --- | --- | --- |
| **Parameter** | **Type** | **Constraints** |
| name | String | * Compulsory field * No spaces allowed in name |

|  |
| --- |
| **Response Message:** |
| Success:   |  |  | | --- | --- | | **Response Code** | **Reason Phrase** | | 200 | OK | | **Response Headers** | | | **Name** | **Value** | | content-type | application/json;charset=UTF-8 | | **Response Body** | | | [    {  "name": "catridge-service.rar",  "url": "http://localhost:8081/files/5ffda76e-b394-4b15-aa2b-8ed14dbe9d81",  "type": "application/x-rar-compressed",  "size": 6182  }  ] | |   Failure:   |  |  | | --- | --- | | **Code** | **Reason Phrase** | | 400 | Bad Request | | 500 | Internal Server Error | |