API Specification Document

SMART STOP

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Author’s | Description |
| 1.0 | 23/OCT/2017 | Arbab Hamza Urooj  Asra Madiha | Initial |

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1. **Login(Client):**

Authenticate the Client with the server and get the authclient\_token

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/loginc |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| HEAD | api\_key | STRING |
| POST | username | STRING |
| POST | password | STRING |

api\_key must be sent with all client requests. It will help the server to validate the request resource.

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  auth\_key: <auth\_key>  }  All further API calls must have this key in header |
| 403 | {“error”: “API key is missing”} |
| 400 | {“error”: “Provide username”} |
| 400 | {“error”: “Provide password”} |
| 401 | {“error”: “Invalid key”} |
| 401 | {“error”: “Invalid username or password”} |
| 500 | {“error”: “Something went wrong”} |

1. **Login(Surveyor):**

Authenticate the Client with the server and get the authsurveyor\_token

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/logins |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| HEAD | api\_key | STRING |
| POST | Username | STRING |
| POST | Password | STRING |

api\_key must be sent with all client requests. It will help the server to validate the request resource.

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  auth\_key: <auth\_key>  }  All further API calls must have this key in header |
| 403 | {“error”: “API key is missing”} |
| 400 | {“error”: “Provide username”} |
| 400 | {“error”: “Provide password”} |
| 401 | {“error”: “Invalid key”} |
| 401 | {“error”: “Invalid username or password”} |
| 500 | {“error”: “Something went wrong”} |

1. **Register (Client):**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/register |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | fullname | STRING |
| POST | username | STRING |
| POST | password | STRING |
| POST | email | STRING |
| POST | mobile\_num | STRING |
| POST | date\_of\_birth | DATE |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "result": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "meta": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "signup": {  "user": {  "username": "arbab",  "fullname": "arbab ahmed",  "email": "arbab@xyz.com",  "mobile\_no": "0345-2267601",  "date\_of\_birth": "1996-23-12"  }  } |
| 400 | {“error”: “A Customer must be specified for the subscription to be valid”} |
| 500 | {“error”: “Something went wrong”} |

1. **Add Product:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/addproduct |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | productname | STRING |
| POST | category | STRING |
| POST | price | FLOAT |
| POST | description | STRING |
| POST | mart | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "result": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "meta": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "addproduct": {  "product": {  "productname": "abc",  "mart": "imtiaz",  "price": "99.99",  "description": "abcd...xyz",  "category": "food"  }  } |
| 400 | {“error”: “Invalid upload”} |
| 500 | {“error”: “Something went wrong”} |

1. **Edit Product:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/editproduct |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | productname | STRING |
| POST | category | STRING |
| POST | price | FLOAT |
| POST | description | STRING |
| POST | mart | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "result": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "meta": {  "status\_code": "200",  "result\_code": "2000",  "errors": []  },  "editproduct": {  "product": {  "productname": "abc",  "mart": "imtiaz",  "price": "99.99",  "description": "abcd...xyz",  "category": "food"  }  } |
| 400 | {“error”: “Invalid upload”} |
| 500 | {“error”: “Something went wrong”} |

1. **Delete Product:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/product/deleteproduct/product\_name |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "response\_code" : "OK",  "response\_message" : "Product successfully deleted."  } |
| 500 | {“error”: “Something went wrong”} |

1. **Product Details:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | api/product/productdetails/product\_name |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "request": {  "pageUrl": "api/productdetails/productname",  "api": "product"  },  {  "objects": [  {  "category": "milk",  "mart": "Imtiaz",  "description": "Olpers 1 liter pack",  "price": "140.00",  "images": [  {  "title": "Olpers",  "url": "http:abc.com/olpers.png",  }  ]  }  ]  } |
| 500 | {“error”: “Something went wrong”} |

Glossary:

**Status codes:**

200 Success

400 Bad Request

401 Unauthorized

403 Forbidden

500 Server error