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

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | /login |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | username | STRING |
| POST | password | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | Login Success |
| 401 | {“error”: “Invalid username or password”} |
| 500 | {“error”: “Something went wrong”} |

1. **Login(Surveyor):**

Authenticate the surveyor with the serve.

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | /svlogin |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | Username | STRING |
| POST | Password | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | Login Success |
| 401 | {“error”: “Invalid username or password”} |
| 500 | {“error”: “Something went wrong”} |

1. **Register (Client):**

**Request:**

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

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | username | STRING |
| POST | password | STRING |
| POST | email | STRING |
| POST | gender | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | "signup": {  "user": {  "username": "arbab"  "email": "arbab@xyz.com",  "password": "\*\*\*\*\*\*\*\*\*",  "gender": "male"  }  } |
| 400 | {“error”: “A Customer must be specified for the subscription to be valid”} |
| 500 | {“error”: “Something went wrong”} |

1. **Register (Surveyor):**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| POST | /svregister |

|  |  |  |
| --- | --- | --- |
| Type | Parameters | Value |
| POST | Username | STRING |
| POST | Password | STRING |
| POST | Email | STRING |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | "signup": {  "user": {  "username": "arbab"  "email": "arbab@xyz.com",  "password": "\*\*\*\*\*\*\*\*\*",  }  } |
| 400 | {“error”: “”} |
| 500 | {“error”: “Something went wrong”} |

1. **Add Product:**

**Request:**

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

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

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "addproduct": {  "product": {  "productname": "abc",  "mart": "imtiaz",  "price": "99.99",  "description": "abcd...xyz",  "category": "food",  “code” : “123456”  }  } |
| 400 | {“error”: “Invalid upload”} |
| 500 | {“error”: “Something went wrong”} |

1. **Products:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| GET | /products |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  Categories:  Electronics, grocery, clothing,…  } |
| 500 | {“error”: “Something went wrong”} |

1. **Categories:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| GET | /products/electronics |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "product": {  "productname": "abc",  "mart": "imtiaz",  "price": "99.99",  "description": "abcd...xyz",  "category": "food",  “code”: “123456”  } |
| 500 | {“error”: “Something went wrong”} |

1. **Profile:**

**Request:**

|  |  |
| --- | --- |
| Method | URL |
| GET | /profile |

**Response:**

|  |  |
| --- | --- |
| Status | Response |
| 200 | {  "product": {  "username": "abc",  "email": [abc@abc.com](mailto:abc@abc.com)  } |
| 500 | {“error”: “Something went wrong”} |

Glossary:

**Status codes:**

200 Success

400 Bad Request

401 Unauthorized

403 Forbidden

500 Server error