

1. Agent (POST) :

<http://localhost:8000/agents>

Request :

```
{  
  "name": "hari",  
  "password": "password12345"  
}
```

Response :

```
{  
  "authorization":  
  "eyJhbGciOiJIUzUxMiIsImIhdCI6MTU4MzgxMjMxNSwiZXhwIjoxNTgzODE1OTE1fQ.eyJwdWJsaWNfa2V5IjoieMDMwMTFkYWZyYjM5N2JINjkzYjg3ZWRIZjgyOWI2MjlmZTI3MWZjMDAxOTA3ZGE4N2NiYTkxNmQ1ZTI1NTdINDM3In0.XB5Nf_u6IZPPX03teJuwjtOaXLOqKOp5eHitxIQsOnqGlnj1W1hQKVIsxUaluhc3TSOEWJolrpw0pKUhbY25tQ"  
}
```

1.1 Header :

Content-Type : application/json

2. Agents (GET)

<http://localhost:8000/agents>

Response:

```
[  
  {  
    "public_key":  
    "03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437",  
    "name": "hari",  
    "timestamp": 1583812315  
  },  
  {  
    "public_key":  
    "028f542eb25fe99d166400d5e677b302785dce3ae6880c161bf27aca92406ec91f",  
    "name": "Kavinesh",  
    "timestamp": 1583814646  
  }  
]
```

2.1 Header :

Content-Type : application/json

3. Agent/Agent ID (GET)

3.1 Success Scenario

Request:

http://localhost:8000/agents/
03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437

Response:

```
{
  "public_key":
  "03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437",
  "name": "hari",
  "timestamp": 1583812315
}
```

3.2 Error Scenario

Request :

http://localhost:8000/agents/wrong_public_key_sample

Response :

```
{
  "error": "Not Found: Agent with public key wrong_public_key_sample was not found"
}
```

3.3 Header :

Content-Type : application/json

4. Authentication (POST)

http://localhost:8000/authentication

4.1 Success Scenario

Request :

```
{
  "public_key":
  "03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437",
  "password": "password12345"
```

```
}
```

Response :

```
{
  "authorization":
  "eyJhbGciOiJIUzUxMiIsImIhdCI6MTU4MzgxdmkyMywiZXhwIjoxNTgzODE4NTIzfQ.eyJwdWJsaWNfa2V5IjoibMDMwMTFkYWZyYjM5N2JlbnkzYjg3ZWRIZjgyOWI2MjlmZTI3MWZjMDAxOTA3ZGE4N2NiYTkxNmQ1ZTI1NTdlNDM3In0.Wh1AVanJpHXPpOmQmiiZVPCIU0AhHOhev7u_uvaX6ul8vKwXS7a-Wo1hd4ulKIPr0rbbmT0OcXOL-OqCpFvNg"
}
```

4.2 ERROR Scenario:

Request :

```
{
  "public_key":
  "03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437",
  "password": "WRONGPASSWORD"
}
```

Response:

```
{
  "public_key":
  "03011dac3b397be693b87edef829b629fe271fc001907da87cba916d5e2557e437",
  "password": "WRONGPASSWORD"
}
```

4.3 Header:

Content-Type : application/json

5. Create Record (POST)

<http://localhost:8000/records>

5.1 Success Scenario:

Request :

```
{
  "latitude": 44982734,
  "longitude": -93272107,
  "record_id": "fish-44"
}
```

Response :

```
{  
  "data": "Create record transaction submitted"  
}
```

5.2 Error Scenario:

if Authorization header is in correct , below error is sent

```
{  
  "error": "Unauthorized: Invalid auth token"  
}
```

5.3 Header

Content-Type : application/json

Authorization:

eyJhbGciOiJIUzUxMiIsImIhdCI6MTU4MzgxNTUyNiwiZXhwIjoxNTgzODE5MTI2fQ.eyJwdWJsaWNfa2V5IjoibMDMwMTFkYWZyYjM5N2JINjkzYjg3ZWRIZjgyOWI2MjlmZTI3MWZjMDAxOTA3ZGE4N2NiYTkxNmQ1ZTI1NTdlNDM3In0.klxzv79n2GH9T0U7wgwnDdwMELeViTgsCsQJCGR2Qx5tjn81vgBejJ2-wBE26tipNqhg8AbhhNWHJg99Dz4pbA

Note : Authorization header value is taken from authentication api response , refer section 4.1