

AhyaOS and Tawazun SSO API Documentation

This documentation provides information on user registration, login, and password management.

- **Authorization**

Every API call must include the **x-api-key** in the headers for authorization.

- **Endpoints:**

- **DEVELOPMENT**

- **URL:** <https://dev-api-app.tawazun.io/>

- **STAGING**

- **PRODUCTION**

- **API Endpoints**

- 1. Register User**

- Registers a new user in the AhyaOS system.

- **URL:**

- https://dev-api-app.tawazun.io/redoc#tag/AhyaOS-Account-Registration/operation/register_ahya_os_user_register_post

- **Method:** **POST**

- **Headers:** **x-api-key:** `your-api-key`

- **Body:**

```
```json
{
 "first_name": "string",
 "last_name": "string",
 "email": "user@example.com",
 "password": "string",
 "organization_name": "string"
}
```

- **Response:**

```
```json
{
  "id": "string",
  "first_name": "string",
```

```

    "last_name": "string",
    "email": "user@example.com",
    "organization": {
      "id": "string",
      "name": "string"
    }
  }
}
...

```

2. Login User

- Logs in an existing user and verifies authentication.
- **URL:**
https://dev-api-app.tawazun.io/redoc#tag/AhyaOS-Authentication/operation/login_and_verify_user_auth_login_post
- **Method:** **POST**
- **Headers:** x-api-key: `your-api-key`
- **Body:**

```

```json
{
 "username": "string",
 "password": "string"
}
...

```

### - Response:

```

```json
{
  "id": "string",
  "first_name": "string",
  "last_name": "string",
  "email": "user@example.com",
  "organization": {
    "id": "string",
    "name": "string"
  }
}
}
...

```

3. Change Password

- Changes the password for an authenticated user..

- **URL:**
https://dev-api-app.tawazun.io/redoc#tag/Authentication/operation/update_password_auth_change_password_put

- **Method:** **PUT**

- **Headers:** x-api-key: `your-api-key`

- **Body:**

```
```json
{
 "old_password": "stringst",
 "new_password": "stringst"
}
```

```
```
```

- **Response:**

```
```json
{
 "detail": "The password has been updated successfully."
}
```
```

4. Forgot Password

- Initiates the forgot password process..

- **URL:**
https://dev-api-app.tawazun.io/redoc#tag/Authentication/operation/forgot_password_auth_forgot_password_post

- **Method:** **POST**

- **Headers:** x-api-key: `your-api-key`

- **Body:**

```
```json
{
 "email": "string"
}
```
```

- **Response:**

```
```json
{
 "detail": "We have sent the link to reset your password on your registered email address."
}
```
```

5. Reset Password

- Resets the password using a token received via email.
- **URL:**
https://dev-api-app.tawazun.io/redoc#tag/Authentication/operation/reset_password_auth_reset_password_post
- **Method:** **POST**
- **Headers:** **x-api-key:** `your-api-key`
- **Params:**

- **token:** Upon initiating the forgot password process, an email will be sent containing a password reset link. The reset link will include a token used for authentication. Clicking the link will redirect the user to the AhyaOS website, where they will be prompted to update their password.

- **Body:**

```

```json
{
 "new_password": "string"
}
```

```

- **Response:**

```

```json
{
 "detail": "The password has been updated successfully."
}
```

```

-