

Profile

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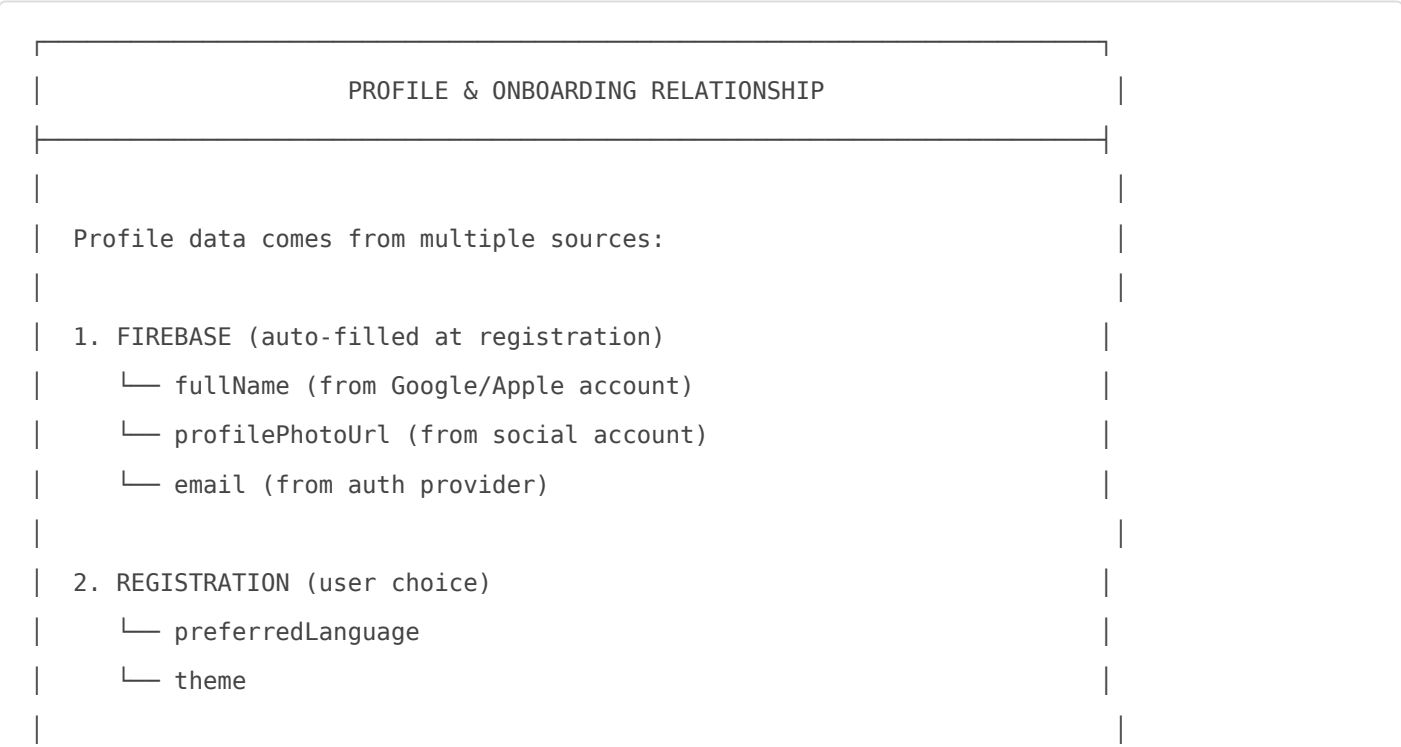
Base URL: `https://api.fursahub.com/api/v1`

Short Description: Profile management endpoints for Fursa Hub. Allows users to view and update their profile information, manage photos, change theme and language preferences. Profile completion is the final step of onboarding.

Hints:

- All profile endpoints require authentication (Bearer token)
- Username must be unique and can only contain letters, numbers, and underscores
- Profile photos should be uploaded via Files API first, then URLs added here
- Completing profile (fullName + username + bio) auto-completes onboarding if at final step
- Theme changes take effect immediately on client side

Profile in Onboarding Context



	3. ONBOARDING (user completes)	
	└─ phoneNumber (verified via OTP)	
	└─ preferences (from onboarding pages)	
	4. PROFILE COMPLETION (final step)	
	└─ username (required, unique)	
	└─ bio (required)	
	└─ fullName (can edit Firebase default)	
	└─ gender, link (optional)	
	When user completes: fullName + username + bio	
	└─ Onboarding auto-completes if at PENDING_PROFILE_COMPLETION	

Endpoints

1. Get Profile

Purpose: Retrieve current user's complete profile information.

Endpoint: GET {base_url}/profile

Access Level: ☐ Protected

Authentication: Bearer Token

Request Headers:

Header	Type	Required	Description
Authorization	string	Yes	Bearer {accessToken}

Success Response JSON Sample:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Profile retrieved",
}
```

```
"action_time": "2025-01-05T10:30:45",
"data": {
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "email": "user@example.com",
  "username": "johndoe",
  "phoneNumber": "+255712345678",
  "fullName": "John Doe",
  "bio": "Software developer passionate about tech",
  "gender": "MALE",
  "link": "https://johndoe.com",
  "profilePhotoUrls": [
    "https://files.fursahub.com/bucket/profile/photo1.jpg",
    "https://files.fursahub.com/bucket/profile/photo2.jpg"
  ],
  "primaryPhotoUrl": "https://files.fursahub.com/bucket/profile/photo1.jpg",
  "isPhoneVerified": true,
  "isEmailVerified": true,
  "preferredLanguage": "sw",
  "theme": "DARK",
  "authProvider": "GOOGLE",
  "role": "ROLE_USER",
  "onboardingStatus": "COMPLETED",
  "isOnboardingComplete": true,
  "createdAt": "2025-01-01T08:00:00",
  "updatedAt": "2025-01-05T10:30:00"
}
```

Success Response Fields:

Field	Description
id	Unique user identifier (UUID)
email	User's email address
username	Unique username (lowercase)
phoneNumber	Verified phone number in E.164 format
fullName	Display name
bio	User biography/description
gender	MALE or FEMALE
link	Personal website or social link

Field	Description
profilePhotoUrls	Array of all profile photo URLs
primaryPhotoUrl	First photo URL (main profile picture)
isPhoneVerified	Phone verification status
isEmailVerified	Email verification status
preferredLanguage	Language code (en, sw, fr, zh)
theme	LIGHT, DARK, or SYSTEM
authProvider	GOOGLE, APPLE, or EMAIL
role	User role (ROLE_USER, ROLE_ADMIN, etc.)
onboardingStatus	Current onboarding step
isOnboardingComplete	true if onboarding finished

2. Update Profile

Purpose: Update user profile information. Only provided fields are updated.

Endpoint: PUT {base_url}/profile

Access Level: [] Protected

Authentication: Bearer Token

Request Headers:

Header	Type	Required	Description
Authorization	string	Yes	Bearer {accessToken}
Content-Type	string	Yes	application/json

Request JSON Sample:

```
{
  "fullName": "John Doe Updated",
  "username": "johndoe_new",
  "bio": "Building the future of opportunity in East Africa",
  "gender": "MALE",
  "link": "https://linkedin.com/in/johndoe",
  "profilePhotoUrls": [
```

```
    "https://files.fursahub.com/bucket/profile/new-photo.jpg"
  ],
  "theme": "LIGHT",
  "preferredLanguage": "en"
}
```

Request Body Parameters:

Parameter	Type	Required	Description	Validation
fullName	string	No	Display name	Min: 2, Max: 100 chars
username	string	No	Unique username	Min: 3, Max: 30 chars, alphanumeric + underscore only
bio	string	No	User biography	Max: 500 chars
gender	string	No	User gender	enum: MALE, FEMALE
link	string	No	Personal/social link	Must be valid URL (https://...)
profilePhotoUrls	array	No	List of photo URLs	Array of strings
theme	string	No	UI theme preference	enum: LIGHT, DARK, SYSTEM
preferredLanguage	string	No	Language preference	Must be active language code

Success Response JSON Sample:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Profile updated",
  "action_time": "2025-01-05T10:35:00",
  "data": {
    "id": "550e8400-e29b-41d4-a716-446655440000",
    "email": "user@example.com",
    "username": "johndoe_new",
    "fullName": "John Doe Updated",
    "bio": "Building the future of opportunity in East Africa",
    "theme": "LIGHT",
    "preferredLanguage": "en",
    "onboardingStatus": "COMPLETED",
    "isOnboardingComplete": true
  }
}
```

```
}  
}
```

Error Responses:

Username Already Taken (409):

```
{  
  "success": false,  
  "httpStatus": "CONFLICT",  
  "message": "Username already taken",  
  "action_time": "2025-01-05T10:35:00",  
  "data": "Username already taken"  
}
```

Invalid Language Code (400):

```
{  
  "success": false,  
  "httpStatus": "BAD_REQUEST",  
  "message": "Invalid or inactive language code: xx",  
  "action_time": "2025-01-05T10:35:00",  
  "data": "Invalid or inactive language code: xx"  
}
```

Validation Error (422):

```
{  
  "success": false,  
  "httpStatus": "UNPROCESSABLE_ENTITY",  
  "message": "Validation failed",  
  "action_time": "2025-01-05T10:35:00",  
  "data": {  
    "username": "Username can only contain letters, numbers, and underscores",  
    "fullName": "Name must be 2-100 characters"  
  }  
}
```

3. Update Theme (Quick Toggle)

Purpose: Quick endpoint to change theme without full profile update.

Endpoint: PATCH {base_url}/profile/theme

Access Level: ☐ Protected

Authentication: Bearer Token

Request JSON Sample:

```
{
  "theme": "DARK"
}
```

Request Body Parameters:

Parameter	Type	Required	Description	Validation
theme	string	Yes	Theme preference	enum: LIGHT, DARK, SYSTEM

Success Response JSON Sample:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Theme updated",
  "action_time": "2025-01-05T10:40:00",
  "data": {
    "theme": "DARK"
  }
}
```

4. Check Username Availability

Purpose: Check if a username is available before updating profile.

Endpoint: GET {base_url}/profile/username/check

Access Level: ☐ Protected

Authentication: Bearer Token

Query Parameters:

Parameter	Type	Required	Description	Validation
username	string	Yes	Username to check	Min: 3 chars

Success Response JSON Sample (Available):

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Username available",
  "action_time": "2025-01-05T10:45:00",
  "data": {
    "username": "newusername",
    "available": true
  }
}
```

Success Response JSON Sample (Taken):

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Username taken",
  "action_time": "2025-01-05T10:45:00",
  "data": {
    "username": "existinguser",
    "available": false
  }
}
```

5. Add Profile Photo

Purpose: Add a new photo to user's profile photos array.

Endpoint: **POST** `{base_url}/profile/photo`

Access Level: ☐ Protected

Authentication: Bearer Token

Request JSON Sample:

```
{
  "photoUrl": "https://files.fursahub.com/bucket/profile/new-photo.jpg"
}
```

Request Body Parameters:

Parameter	Type	Required	Description	Validation
photoUrl	string	Yes	URL of uploaded photo	Must be valid URL

Success Response JSON Sample:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Photo added",
  "action_time": "2025-01-05T10:50:00",
  "data": {
    "profilePhotoUrls": [
      "https://files.fursahub.com/bucket/profile/photo1.jpg",
      "https://files.fursahub.com/bucket/profile/new-photo.jpg"
    ],
    "primaryPhotoUrl": "https://files.fursahub.com/bucket/profile/photo1.jpg"
  }
}
```

6. Remove Profile Photo

Purpose: Remove a photo from user's profile photos array.

Endpoint: DELETE `{base_url}/profile/photo`

Access Level: ☐ Protected

Authentication: Bearer Token

Query Parameters:

Parameter	Type	Required	Description
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photoUrl	string	Yes	URL of photo to remove
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Success Response JSON Sample:

```
{
  "success": true,
  "httpStatus": "OK",
  "message": "Photo removed",
  "action_time": "2025-01-05T10:55:00",
  "data": {
    "profilePhotoUrls": [
      "https://files.fursahub.com/bucket/profile/photo1.jpg"
    ],
    "primaryPhotoUrl": "https://files.fursahub.com/bucket/profile/photo1.jpg"
  }
}
```

Frontend Implementation Guide

Profile Completion Screen

When onboardingStatus = "PENDING_PROFILE_COMPLETION":

1. GET /profile to fetch current data
2. Show form with:
 - └─ fullName (pre-filled from Firebase)
 - └─ username (auto-generated, editable)
 - └─ On change: GET /profile/username/check
 - └─ bio (required)
 - └─ gender (optional)
 - └─ link (optional)
3. PUT /profile with form data
4. If isOnboardingComplete = true → Navigate to home

Settings Screen

Theme Toggle:

- └─ PATCH /profile/theme with selected theme
- └─ Apply theme immediately on client

Language Change:

- └─ PUT /profile with preferredLanguage
- └─ Reload UI with new language strings

Profile Edit:

- └─ PUT /profile with changed fields only

Photo Management

Adding Photo:

1. Upload via Files API (POST /files/upload-single)
2. Get permanentUrl from response
3. POST /profile/photo with photoUrl

Removing Photo:

1. DELETE /profile/photo?photoUrl=...
2. Optionally delete from Files API

Revision #3

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