

Remember Me Feature Implementation

Overview

Added a “Remember Me” feature to the login page that allows users to choose whether to stay logged in for an extended period (30 days) or have their session expire after 2 hours.

Changes Made

1. Login Page UI (src/app/auth/signin/page.tsx)

- Added `rememberMe` state to track checkbox status
- Added “Remember Me” checkbox in the login form (between password field and submit button)
- Updated `handleSubmit` to:
 - Store remember me preference in `localStorage`
 - Pass `rememberMe` parameter to `signIn` function

2. Authentication Configuration (src/app/lib/auth.ts)

- Added `rememberMe` to credentials definition
- Updated `authorize` function to:
 - Accept and log `rememberMe` parameter
 - Return `rememberMe` value in user object
 - Modified JWT callback to:
 - Store `rememberMe` preference in token
 - Set dynamic token expiration:
 - **Remember Me checked:** 30 days (30 * 24 * 60 * 60 seconds)
 - **Remember Me unchecked:** 2 hours (2 * 60 * 60 seconds)
- Added cookies configuration for secure session management

3. Type Definitions (next-auth.d.ts)

- Added `rememberMe?: boolean` to User interface
- Added `rememberMe?: boolean` and `exp?: number` to JWT interface

How It Works

1. User checks “Remember Me”:

- Session cookie set to expire in 30 days
- JWT token valid for 30 days
- User stays logged in even after closing browser

2. User doesn't check “Remember Me”:

- Session cookie expires in 2 hours
- JWT token valid for 2 hours
- User will be logged out after session expires

Security Considerations

- Sessions use httpOnly cookies to prevent XSS attacks
- Secure flag enabled in production
- SameSite: lax for CSRF protection
- All session tokens are encrypted using NEXTAUTH_SECRET

Testing

To test the feature:

1. Login without checking “Remember Me” - session should expire in 2 hours
2. Login with “Remember Me” checked - session should persist for 30 days
3. Close and reopen browser - verify session persistence based on checkbox selection

Files Modified

1. `/src/app/auth/signin/page.tsx` - Added UI and logic for remember me checkbox
2. `/src/app/lib/auth.ts` - Implemented session duration logic
3. `/next-auth.d.ts` - Updated TypeScript definitions

Dependencies

No new dependencies required. Uses existing:

- next-auth
- react
- TypeScript