

Release Notes – Auth & Security Module

Branch: staging/qa

Release Date: 16 April 2026

Overview

This release includes complete Authentication & Security API integration, along with UI bug fixes and cross-registration (partial account completion) flows.

The system now supports a secure multi-stage authentication flow, including email OTP, phone verification, RSA-secured headers, JWT-based session handling, and CSRF protection.

Additional QA Scenario – Cross Registration Flow

Scenario 1: Phone Registered, Email Not Registered

User initiates login using phone number.

Phone verification is completed (OTP / Firebase).

System detects that no email is linked.

User is prompted to enter an email address.

Email verification process (OTP) is completed.

Flow proceeds to onboarding or dashboard.

Scenario 2: Email Registered, Phone Not Registered

User initiates login using email.

Email OTP verification is completed.

System detects that no phone number is linked.

User is prompted to enter a phone number.

Phone verification process (Firebase / OTP) is completed.

Flow proceeds to onboarding or dashboard.

Notes

Both scenarios cover partial account completion flows.

Ticket Coverage

Bug Fix Tickets

#1632 – Verification Code spacing issue (email vs edit icon)

#1630 – Login page grammar fix ('a' → 'an')

#1629 – Misaligned 'Do you have an account?' text

#1627 – Country code screen text wrapping issue

#1626 – Country code list alignment and scrollbar issue

Auth & Security Integration

Auth and Security API Integration

User Stories

#1603 – Register API Integration

#1613 – Login API Integration

#1618 – Security API Integration

Subtasks (Completed)

Register Flow

#1604 – Username Availability API

#1605 – Register Email Initiation API

#1606 – Phone Availability Check API

#1607 – Email OTP Verification API

#1608 – Phone Verification API

#1609 – Complete Registration API

Login Flow

#1614 – Login Email Initiation API

#1617 – Login Email Verification API

Security Flow

#1619 – RSA Header Generation and centralized Auth Header Builder

#1743 – JWT Token Generation API

#1745 – CSRF Token Retrieval API

Summary

Bugs Fixed: 5

User Stories: 3

Subtasks Completed: 11

Authentication & Security Coverage: End-to-End