# Bug Verification Report

**Date:** 2026-01-09 **Bug ID:** #1780 **Title:** Mobile Number Validation Missing **Status:** Fixed

## Issue Description

Users were able to blindly enter any character into the "Mobile Number" field during sign-up, including alphabets and special characters. There was no length validation. **Epic:** #1597 User Registration & Authentication **User Story:** #1641 User signup with email & password

## Fix Implementation

1. **Restricted Input (onChange):**
   - Modified app/signup/page.js to strictly allow only digits (0-9) and the plus (+) symbol. Any other character keystroke is ignored.
   - Applied the same logic to components/dashboard/ProfilePage.js for consistency.
2. **Length Validation (onSubmit):**
   - Modified app/signup/page.js to check if the mobile number (if provided) is between 10 and 15 digits. If not, an error: "Mobile number must be between 10 and 15 digits" is displayed, and form submission is blocked.
   - Applied the same validation logic to components/dashboard/ProfilePage.js.

## Verification Steps

**Manual Verification:** 1. **Scenario 1: Typing Alphabets** * Action: Go to Sign Up page. Focus on "Mobile Number". Type "abc". * Expected: Input remains empty. * Actual: Input ignores "abc".

2. **Scenario 2: Typing Special Characters**
   - Action: Type "@#$".
   - Expected: Input remains empty.
   - Actual: Input ignores "@#$". (Type "+" works).
3. **Scenario 3: Short Number Submission**
   - Action: Type "12345" and submit.
   - Expected: Error banner "Mobile number must be between 10 and 15 digits".
   - Actual: Validated correctly.

## Conclusion

The mobile field now strictly enforces numeric input and validates length, resolving the reported issue.