

# Business Requirement Document (BRD)

**Project Name:** Amazon Login Page

**Version:** 1.0

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## 1. Functional Requirements

### 1. User Authentication

- User must be able to log in using **email or mobile number + password**.
- System must validate credentials against the customer database.

### 2. Forgot Password

- User can reset password using a registered email or mobile number.
- OTP/verification link will be sent for resetting password.

### 3. Multi-Factor Authentication (MFA)

- After successful password entry, user may be required to enter an OTP (if enabled).

### 4. Error Messages

- Invalid credentials → "Incorrect email/phone number or password."
- Empty fields → "Please enter your email/phone and password."
- Account lockout after multiple failed attempts.

### 5. UI/UX Requirements

- Responsive design (desktop, tablet, mobile).
  - Amazon branding (logo, colors, fonts).
  - "Keep me signed in" checkbox.
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## 2. Non-Functional Requirements

- **Performance:** Login response < 2 seconds under normal load.
  - **Security:** Passwords must be encrypted; system must comply with GDPR/PCI DSS.
  - **Scalability:** Support millions of concurrent logins globally.
  - **Availability:** 99.99% uptime.
  - **Compatibility:** Works across major browsers and mobile devices.
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## 3. Acceptance Criteria

- User can log in with valid credentials.
- Invalid credentials show correct error message.
- Password reset via OTP works successfully.
- MFA works correctly when enabled.
- Page loads within 2 seconds under normal load.
- Works seamlessly on desktop and mobile browsers.