Product Requirements Document (PRD)

# 1. Document Overview

This Product Requirements Document (PRD) defines the functional and non-functional requirements for implementing a password policy that enforces the inclusion of at least 8 characters and numbers.

# 2. Objective

The objective of this document is to ensure that the password policy enforces security best practices by requiring passwords to be a minimum of 8 characters in length and contain at least one numerical digit.

# 3. Scope

This requirement applies to all user account creation and password reset workflows within the application.

# 4. Functional Requirements

- The system must enforce a minimum password length of 8 characters.

- The system must ensure that the password contains at least one numeric digit (0-9).

- The system should provide clear error messages if password requirements are not met.

- Password validation must occur both on the client-side (if applicable) and server-side.

# 5. Non-Functional Requirements

- Password validation must complete within 1 second.

- All password-related data must be handled securely according to industry standards.

# 6. Acceptance Criteria

- Users cannot proceed unless a valid password is entered.

- Error messages must guide the user in correcting invalid input.

- Passwords such as 'abc12345' or 'mypassword1' should be accepted.

- Passwords like 'abc' or 'mypassword' (no number) should be rejected.