

## **Requirement: User Registration Functionality**

**Identifier:** REQ\_REG\_001

**Description:** The system must allow users to register for an account on the AwesomeQA website.

**Rationale:** User registration functionality is essential for allowing users to create accounts, access personalized features, and interact with the website's services.

### **Acceptance Criteria:**

1. The registration page must include fields for the user to input their full name, email address, telephone number, password, and confirm password.
2. The system must validate the email address to ensure it is in a valid format (e.g., containing '@' symbol and domain).
3. The system must enforce password complexity requirements, including minimum length and a combination of uppercase, lowercase, numeric, and special characters.
4. Upon successful registration, the system must redirect the user to a confirmation page and send a confirmation email to the provided email address.
5. Registered users must be able to log in using their registered credentials.
6. The system must prevent duplicate registrations with the same email address.

**Priority:** High

**Dependencies:** None

**Note:** This requirement serves as the foundation for the User Registration functionality and must be implemented and tested to ensure a seamless user experience on the AwesomeQA website.