

Here is a dummy Business Requirements Document (BRD) for the web application based on the provided screenshot:

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## **Business Requirements Document (BRD)**

**Project Name:** Spot the Bugs Web Application

**Version:** 1.0

**Prepared By:** [Your Name]

**Date:** [Insert Date]

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### **1. Purpose**

The "Spot the Bugs" web application aims to allow users to register and participate in a challenge to spot bugs in a given page. This application will collect basic user information and encourage participants to interact with the page while identifying bugs.

### **2. Business Objectives**

- Provide a fun and engaging challenge for users.
- Collect basic user details for future engagement and analysis.
- Ensure proper validation and error handling on the form fields.

### **3. Scope**

This document covers the requirements for the user registration functionality, including the following fields:

- **First Name**
- **Last Name**
- **Phone Number**
- **Country**
- **Email Address**
- **Password**
- **Terms and Conditions**

## 4. URL

The application will be hosted at the following URL:  
[URL]

## 5. Stakeholders

- **Project Manager:** [Name]
- **Development Team:** [Names]
- **QA Team:** [Names]
- **End Users:** Participants in the "Spot the Bugs" challenge

## 6. Functional Requirements

The following features are to be implemented in the "Spot the Bugs" web application:

Requirement ID	Description	Priority	Status
FR-1	User must provide a first name during registration.	High	Not Started
FR-2	User must provide a last name during registration.	High	Not Started
FR-3	Phone number must be at least 10 digits and required.	High	Not Started
FR-4	User must select a country from a drop-down list.	Medium	Not Started
FR-5	Email address must be provided and validated.	High	Not Started
FR-6	Password must be between 6 and 20 characters.	High	Not Started
FR-7	User must accept the terms and conditions before registering.	High	Not Started
FR-8	Display a confirmation message upon successful registration.	Medium	Not Started

## 7. Non-Functional Requirements

- **Performance:** The form must load within 3 seconds.

- **Security:** User data must be securely transmitted and stored, complying with GDPR.
- **Scalability:** The application must handle at least 100,000 concurrent users.

## 8. User Interface

- The form will have the following fields:
  - **First Name** (Text box)
  - **Last Name** (Text box)
  - **Phone Number** (Text box with number validation)
  - **Country** (Drop-down list)
  - **Email Address** (Text box)
  - **Password** (Password input field)
  - **Terms and Conditions** (Checkbox)
  - **Register Button** (Submit form)

## 9. Data Validation

- **First Name & Last Name:** Must be filled out (mandatory fields).
- **Phone Number:** Must be a valid phone number (minimum 10 digits).
- **Email Address:** Must be in a valid email format.
- **Password:** Must be between 6 and 20 characters.
- **Country:** User must select a valid country.
- **Terms and Conditions:** Must be checked before submitting.

## 10. Error Handling

- Display appropriate error messages if fields are empty or contain invalid data.
- Ensure that users cannot submit the form until all fields are validated.

## 11. Assumptions

- The user has internet access and a device to access the web application.
- The application is only available for use in supported browsers (e.g., Chrome).

## 12. Constraints

- The application must comply with current data protection laws (e.g., GDPR).
  - The design and layout must be responsive for mobile and desktop views.
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