

Software Requirements Specification for Survey Form System

1. Introduction

1.1 Purpose

The purpose of this document is to define the requirements for the Survey Form System, a web-based application for creating and conducting surveys.

1.2 Scope

The system will enable users to create, distribute, and analyze surveys for various purposes, including market research, feedback collection, and academic studies.

2. Functional Requirements

2.1 User Authentication

- Users shall be able to register and log in securely.
- Different user roles (administrator, survey creator, respondent) with appropriate access levels.

2.2 Survey Creation

- Survey creators can design surveys with various question types (multiple choice, open-ended, etc.).
- Option to customize survey layout and design.

2.3 Distribution

- Surveys can be distributed via unique URLs, email, or embedded on websites.
- Option for anonymous or authenticated responses.

2.4 Response Collection

- The system shall collect and store survey responses securely.
- Real-time response tracking and reporting.

2.5 Analytics and Reporting

- Generate detailed reports and visualizations of survey results.
- Export survey data in common formats (CSV, Excel).

2.6 Survey Management

- Ability to edit, duplicate, or archive surveys.
- Schedule surveys for specific dates and times.

3. Non-Functional Requirements

3.1 Performance

- The system shall support a large number of concurrent users.
- Response time for loading surveys and submitting responses shall be within 2 seconds.

3.2 Security

- Data encryption for survey responses.
- Secure authentication and authorization mechanisms.

3.3 Usability

- The user interface shall be intuitive and user-friendly.
- Accessibility features for users with disabilities.

3.4 Scalability

- The system should be scalable to handle an increasing number of surveys and respondents.

4. Constraints

- The system shall be compatible with major web browsers.
- Mobile responsiveness for survey completion on various devices.

5. Conclusion

This Software Requirements Specification outlines the key features and constraints for the Survey Form System. It serves as a guide for the development team to ensure the successful implementation of the software.