Landfill e-Forms Application
Software Requirement Specification

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Version History

User	Date	Reason for Changes	Version
Krystal Lo	5/6/25	Update for snapshot 1	1.0

1 Introduction

1.1 Purpose

The purpose of this document is to provide a detailed description of the Landfill e-Forms Application (LEF). It will outline the external interface requirements, user interfaces, software interfaces, and legal and ethical considerations for the application.

1.2 Intended Audience

This document is intended for developers, project managers, and stakeholders involved in the development of the LEF.

1.3 Overview

The LEF application will be a web-based application and a mobile application that allows users to submit and manage landfill-related forms electronically. The application will provide a user-friendly interface and will be designed to streamline the process of submitting and managing forms.

2   External Interface Requirements

2.1   User Interfaces

- The application will have a web-based interface that is accessible from any device with internet access.

- The application will also have a mobile interface that is optimized for use on smartphones and tablets.

- The user interface will be designed to be intuitive and user-friendly, with clear navigation and easy-to-use forms.

2.2   Software Interfaces

- The application will use Angular 4 for the front-end development.

- The application will be built using Java, Spring Framework (Spring Boot), and Gradle.

- The application will use Microsoft SQL Server as the management system for the database.

3   Legal and Ethical Considerations

The application will collect and store user data, including personal information and form submissions. The application will comply with all relevant data protection laws and regulations, including the General Data Protection Regulation (GDPR) and the California Consumer Privacy Act (CCPA). Users will be informed about the data being collected and will have the option to opt-out of data collection.

Glossary

LEF - Landfill e-Forms Application

GDPR - General Data Protection Regulation

CCPA - California Consumer Privacy Act