**S24 CST8288\_040/041   
High Level Design Document**

**Group 1**

Loy Yee Ko

Adam Hoddinott

Josh Bennett

Tony Nguyen

Theory Professor: Sazzad Hossain

Lab Professor: Abul Qasim

Course: CST8390\_040

Lab Section: 041

Algonquin College,

Computer Programming,

Sunday July 21st, 2024

Table of Contents

[1. Version Control 1](#_Toc171959127)

[2. Introduction 1](#_Toc171959128)

[3. Target Audience 1](#_Toc171959129)

[4. Scope 2](#_Toc171959130)

[5. Application Architecture 2](#_Toc171959131)

[6. Business Architecture 2](#_Toc171959132)

[7. Detailed Design 2](#_Toc171959133)

[8. Data Architecture 2](#_Toc171959134)

[9. Security Architecture 2](#_Toc171959135)

[10. Deployment Architecture 2](#_Toc171959136)

[11. Testing Model 2](#_Toc171959137)

[12. References 2](#_Toc171959138)

[13. Acronyms/Abbreviations 2](#_Toc171959139)

## 1. Version Control

## 2. Introduction

Food waste is a large issue that we face daily, although we consume food there are still a lot of products that unfortunately go to waste. To combat this problem, we created the Food Waste Reduction Project. This group project is a dynamic java web project that utilizes Java, JSP, Servlet to create the necessary classes, structure of application and the user interface.

This document will delve into more details regarding the inner workings of this program

## 3. Target Audience

As mentioned earlier this program is geared towards retailers, consumers and charities. Retailers are the main audience we are targeting due to the fact they supply food/products used for consumption. Consumers and charities are integral

## 4. Scope

## 5. Application Architecture

## 6. Business Architecture

## 7. Detailed Design

## 8. Data Architecture

## 9. Security Architecture

## 10. Deployment Architecture

## 11. Testing Model

## 12. References

## 13. Acronyms/Abbreviations