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| 1. **Introduction** |
| * 1. **Purpose**   The purpose of this document is to identify and explain the requirements of the project “Sugar Treats”, as well as its functionality and constraints. |
| **1.2 Intended Audience**  The users of the system would be a potential candy/chocolate company and its employees. |
| **1.3 Intended Use**  The product will be used to store customer information such as phone numbers, and email addresses to create customer memberships with the retail organisation. It will also be used to keep track of customer points/rewards, their receipts, and availability of promos. |
| **1.4 Product Scope**  Objectives of the product is for a candy company to be able to open membership accounts for their customers, store their information and receipts, and offer them points for their purchases. Additionally, the company can allow the customers to use their points for their future purchases and get further promotions. |

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| 1. **Overall Description** |
| * 1. **Product Function**   The product should make input of customer contact information and reward collection more effective and streamlined for the users (candy company employees). |
| * 1. **Product Development**   The product is developed with the Django framework, making use of Python, HTML, CSS, and JavaScript. The code editor used for building this project is VSCode, and it’s being made in the Windows environment. |
| * 1. **User Attributes**   The users of this product will be the employees of a candy company as they will be entering the customer data into the system and accessing it from the system. The product will be very user friendly with good UI to make it easy for the employees to use. |
| * 1. **Problem Statement**   The product is intended to help candy companies who currently might not have a membership system in use or are looking for more visual and user-friendly ones to replace their current older systems. |

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| 1. **Functional Requirements** |
| * 1. **Store Information**   The system allows the user to store customer name, phone number and email address in a database. It also allows the user to store rewards earned from each purchase, total rewards, and online orders. |
| * 1. **Update Information**   The system allows the user to change and delete customer name, phone number and email address in a database. It also allows the user to change the current reward points of a customer by deleting them when they are used for a purchase or increasing the customer points for next purchases. |
| * 1. **Authentication**   The users must be logged in to their accounts to be able to access the system/make updates. |