Palestine Technical University – Kadoorie

College of Engineering and Technology

Department of Computer Systems Engineering

Software Requirements Specification

(SRS Document)

FOR

SWEET SHOP "Pinky"

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Table of contents

Contents

Abstract

This project aims to design and develop an online sweet shop website to provide a convenient platform for users to browse, select, and purchase a variety of sweets. The website will feature a user-friendly interface with categories for different types of sweets, including candies, chocolates, and traditional sweets from various cultures. Users will be able to create accounts, add items to their shopping carts, and securely checkout using various payment methods. The website will also include features such as user reviews, ratings, and a search functionality to enhance the user experience. The goal of the project is to create a visually appealing and functional website that meets the needs of sweet enthusiasts looking to satisfy their cravings online."

CHAPTER 1 INTRODUCTION

1.1 Overview and Background

The online sweet shop is a digital platform that sells various types of sweet treats, including candies, chocolates, cakes, and pastries. Customers can place orders online and have their purchases deliv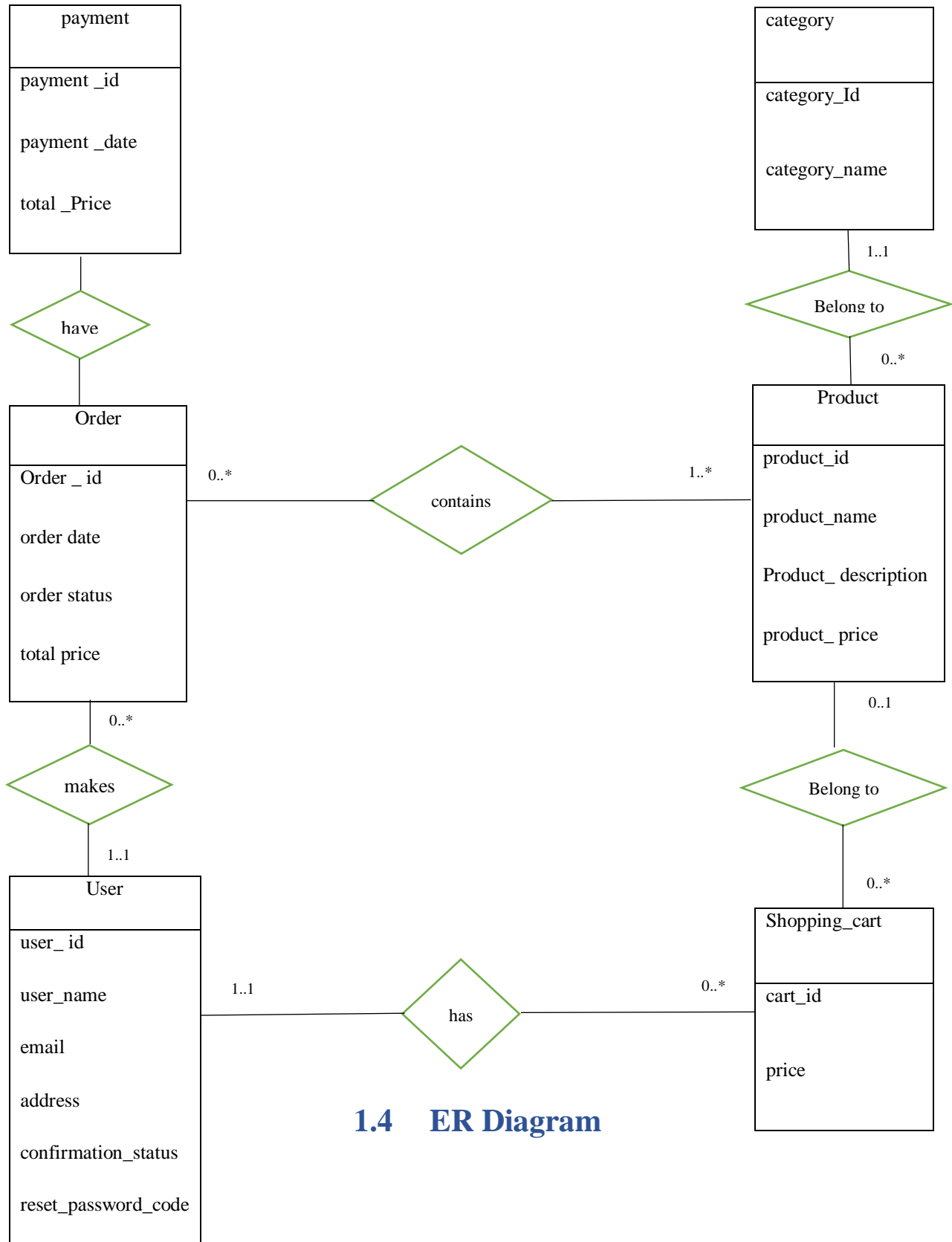ered directly to their doorstep. The online sweet shop was founded in 2024 by our colleague who wanted to share her love of sweets with a wider audience. She started the business as a small side project, selling her homemade treats to friends and family. As word spread about her delicious creations, she decided to expand her business and create an online presence.

1.2 Purpose

The purpose of this SRS is to document the software requirements for an online sweet shop. The SRS will define the functional and non-functional requirements for the system and user, as well as any constraints, assumptions, and dependencies that must be considered during the development process.

1.3 Scope

The online sweet shop system will provide customers with the ability to browse and purchase a variety of sweets and confections online. The system will also allow customers to create accounts, track their order history, and receive notifications about new products and special offer

payment

payment _id

payment _date

total _Price

category

category_Id

category_name

have

Belong to

1..1

0..*

Order

Order _ id

order date

order status

total price

0..*

contains

1..*

Product

product_id

product_name

Product_ description

product_ price

0..*

0..1

makes

Belong to

1..1

0..*

User

user_ id

user_name

email

address

confirmation_status

reset_password_code

1..1

has

0..*

Shopping_cart

cart_id

price

1.4 ER Diagram

Githup Link:
https://github.com/remaaqub123/pinky