E-PHARMACY DATABASE MANAGEMENT SYSTEM

REVIEW REPORT

Submitted by

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Prepared For

DATABASE MANAGEMENT (CSE2004) – PROJECT COMPONENT

Submitted To

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(Deemed to be University under section 3 of UGC Act, 1956)

Abstract

India being a highly vast market for innovation and several products but several studies still show that only 1% pharmacy stores have opted for online mode of doing business.
(Ref: thepassage.cc article 748)

But seeing today's era of COVID-19 and continuous lockdown there is an immediate requirement for pharmacy shops to switch to online mode of conducting business. With several telecom & technological players providing affordable data packs and smartphones India since 2014 has seen rise in the use of smartphones in all demographic locations if the country.

Hence this project focusses on database schema and database creation for helping small pharmacy shops transition to online mode of conducting business and hereby expand their customer base with the large customers being available online.

Keywords

Pharmacy, Online shop, E-Retail, E-Pharmacy, Medicine, Ecommerce, COVID-19

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1. INTRODUCTION

The need for healthcare and pharmacy has increased ever since COVID-19 crisis. Especially during the times of frequent and long nationwide and local lock-down buying medical supplies has become a necessity to sustain at home but moving out of home is also unsafe during these times. Businesses have also been facing several tough times of doing business because of the discomfort provided by COVID-19 crisis. Hence I would like to introduce an E-pharmacy Database Management System built on PostgreSQL for several offline shops to continue their business online and for customers to find regular medical supplies.

2. PROJECT SCOPE

E-Pharmacy Database Management System provided the admin with the facility of

a. Performing all the CRUD operations.
b. Viewing total profit, commission per purchase of product
c. Usage of arithmetic operations
d. Filtering on the basis of different criteria
e. Knowing several details of products sold on several dates
f. Use of PL/SQL queries and several functions in PostgreSQL

3. KEY CONTACTS AND STAKEHOLDERS

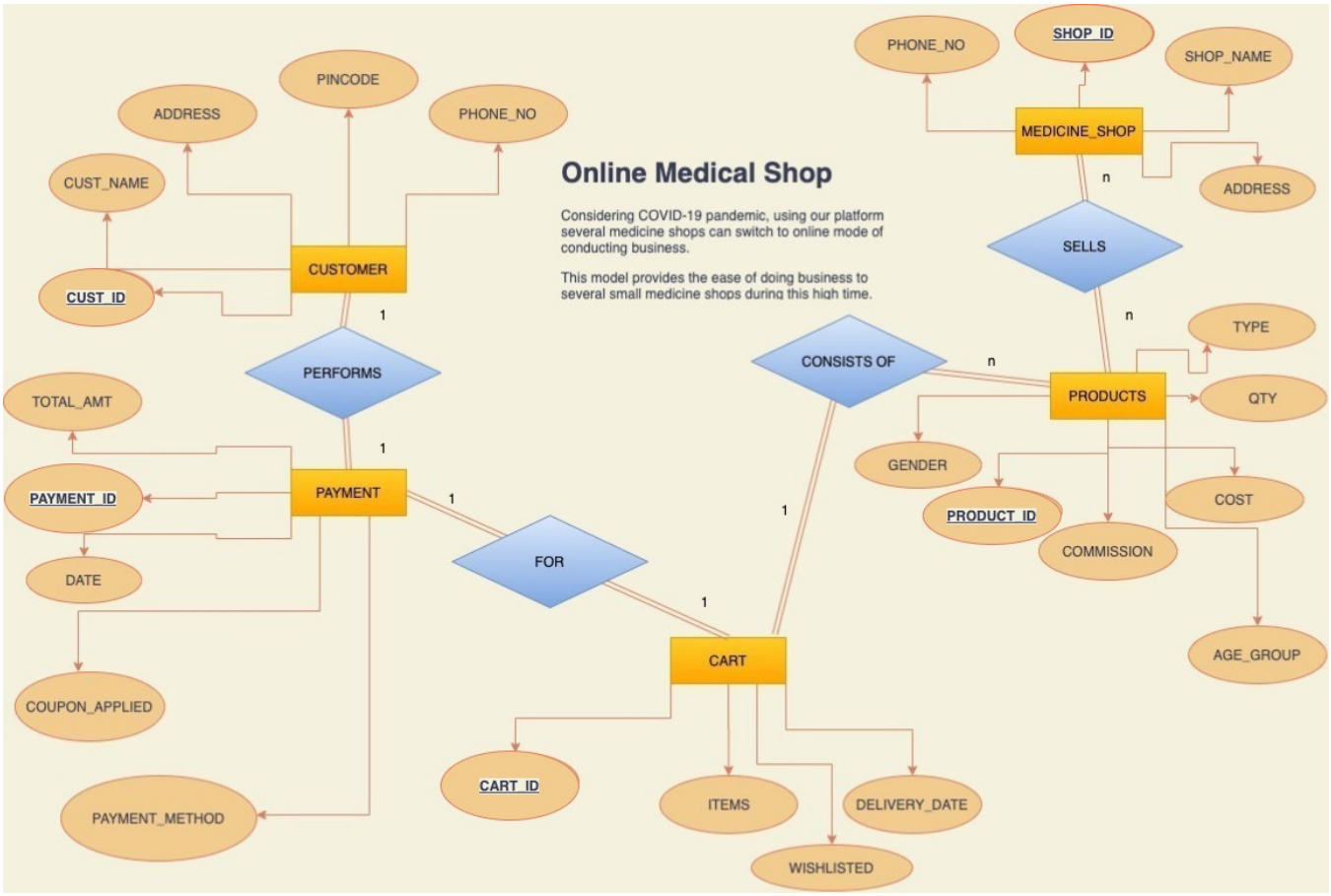
Name	Registration Number	Phone Number
Dhairya Ostwal	19BCE2199	+91-9606143964

4. PROJECT RESOURCE REQUIREMENTS

Software Resource Requirements

1. PostgreSQL

5. ER DIAGRAM


Online Medical Shop
Considering COVID-19 pandemic, using our platform several medicine shops can switch to online mode of conducting business.
This model provides the ease of doing business to several small medicine shops during this high time.
CUSTOMER
CUST_ID
CUST_NAME
ADDRESS
PINCODE
PHONE_NO
PERFORMS
PAYMENT
PAYMENT_ID
TOTAL_AMT
DATE
COUPON_APPLIED
PAYMENT_METHOD
FOR
CART
CART_ID
ITEMS
DELIVERY_DATE
WISHLISTED
CONSISTS OF
PRODUCTS
PRODUCT_ID
GENDER
COMMISSION
COST
TYPE
QTY
AGE_GROUP
SELLS
MEDICINE_SHOP
SHOP_ID
SHOP_NAME
PHONE_NO
ADDRESS
1
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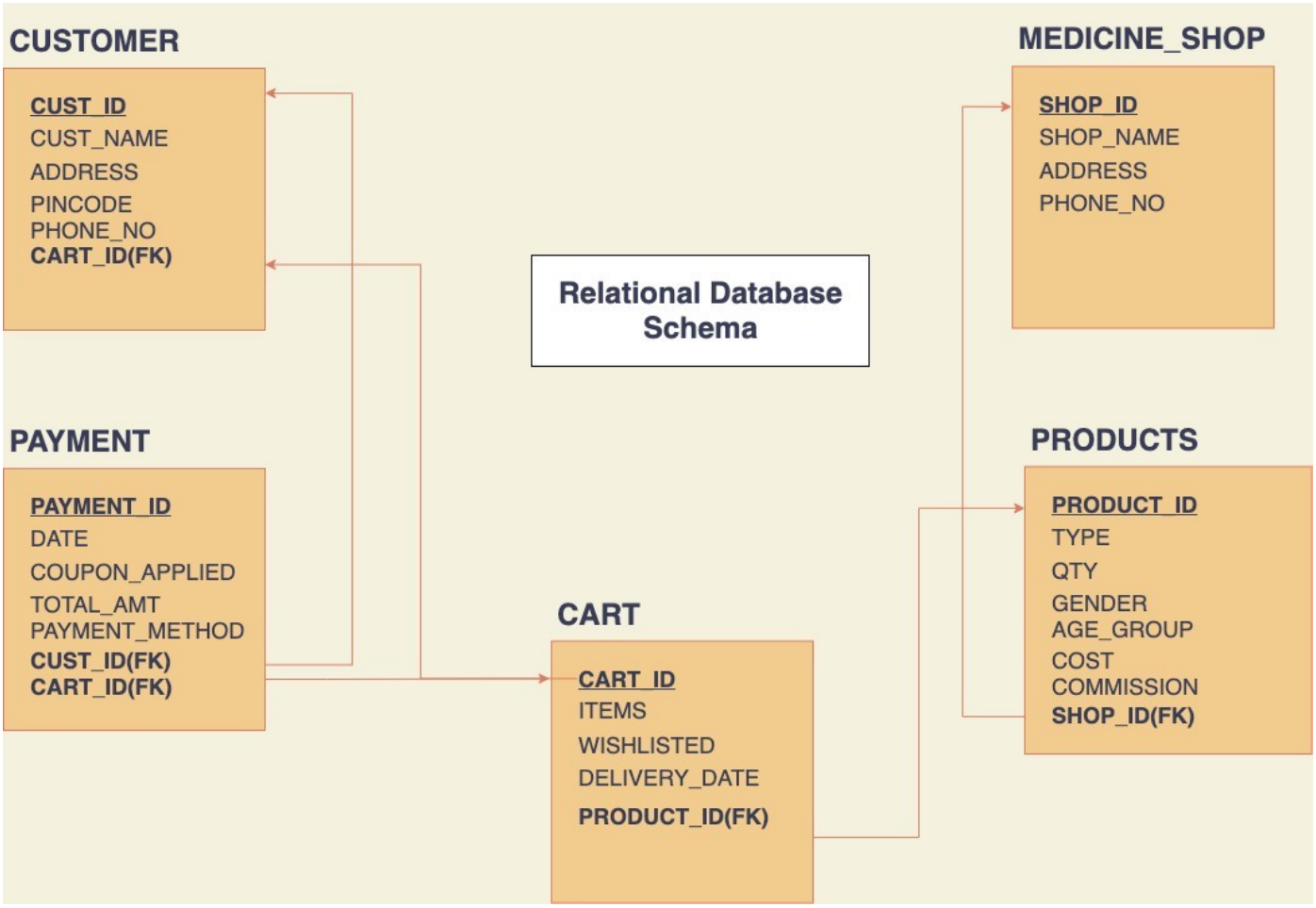
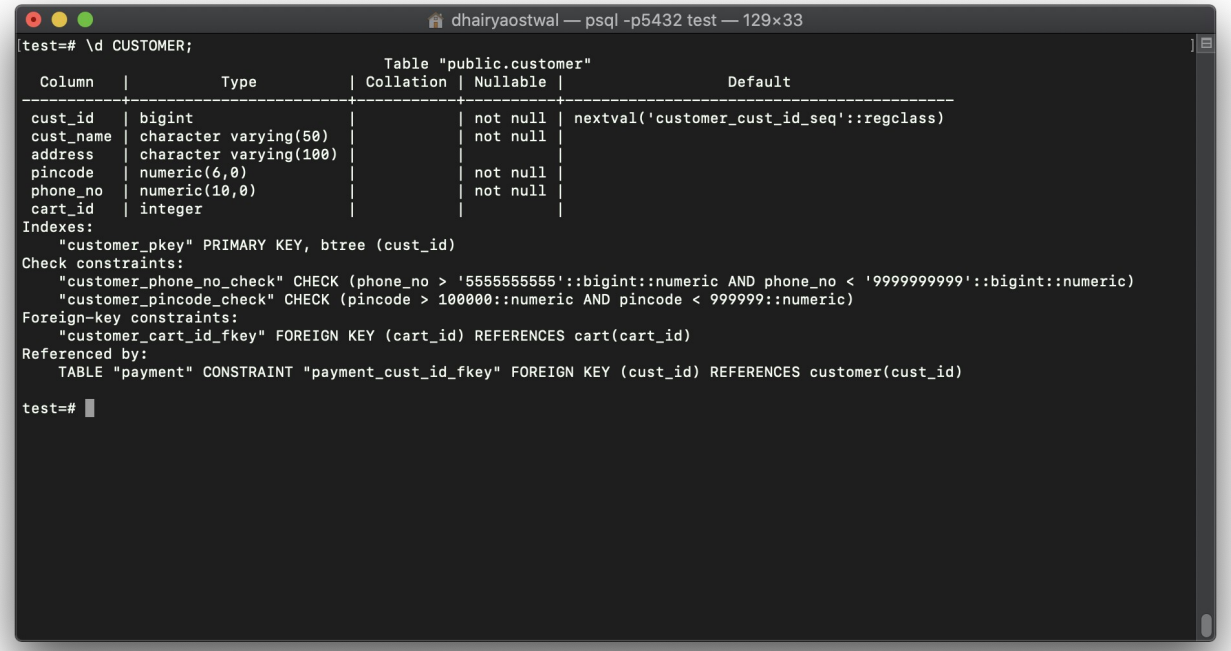
6. RELATIONAL DATABASE SCHEMA

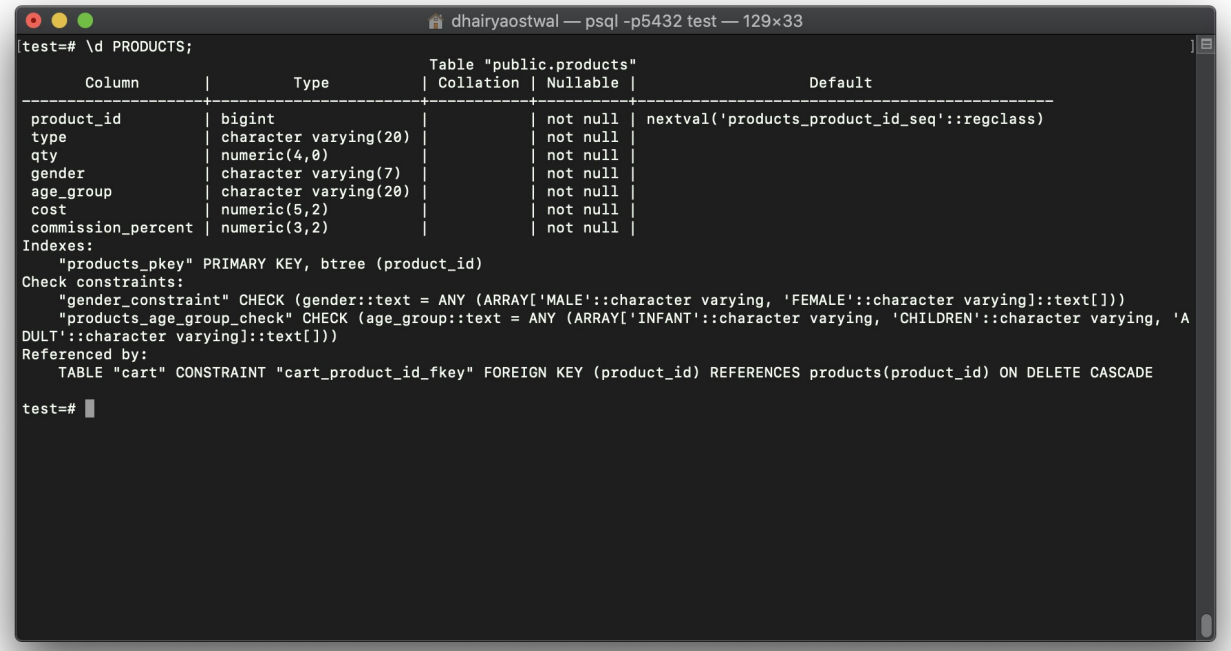


7. TABLES AND CONSTRAINTS

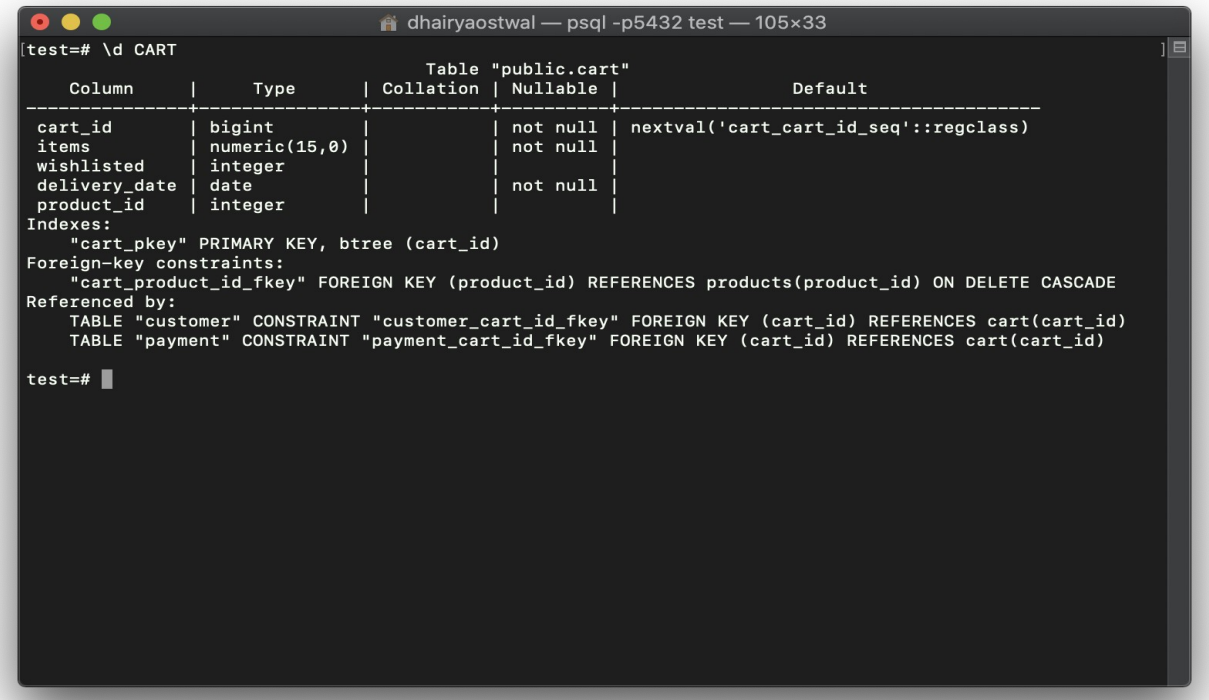
CUSTOMER TABLE



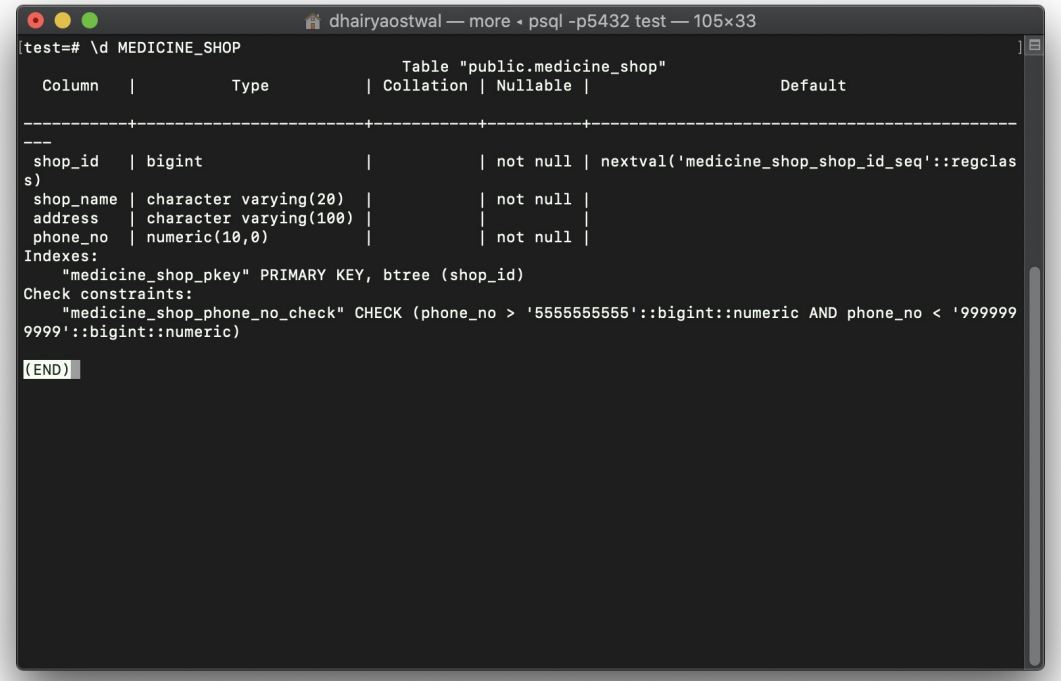
PRODUCTS TABLE



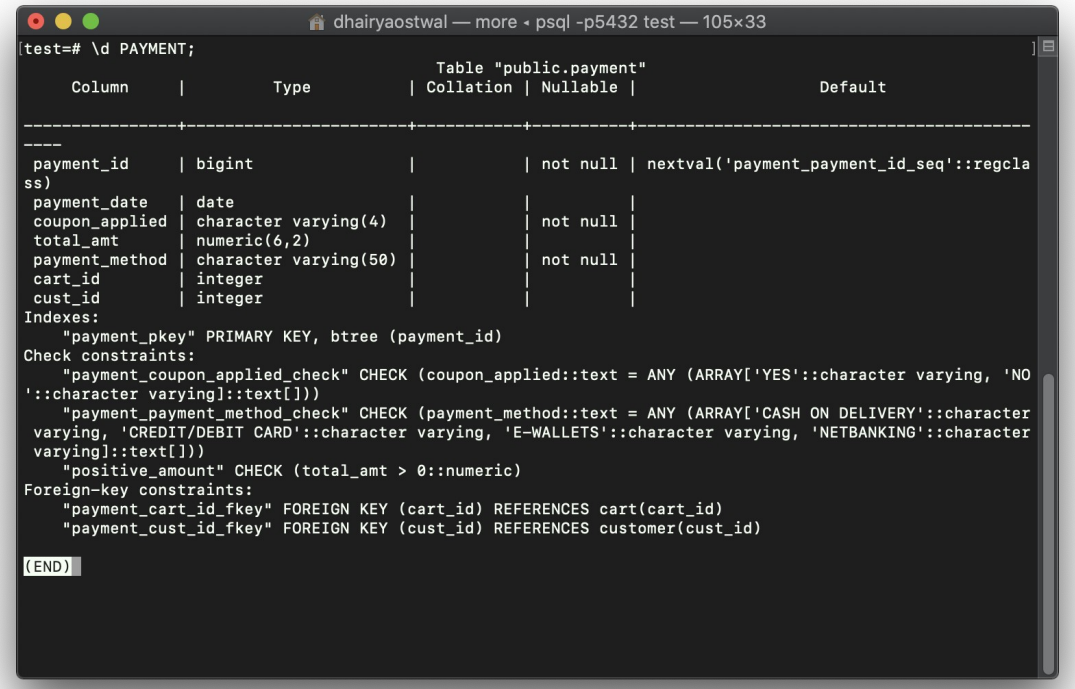
CART TABLE



MEDICINE SHOP TABLE



PAYMENT TABLE



8. WORK BREAK DOWN

Registration Number	Name	Work Assigned
19BCE2199	Dhairya Ostwal	Complete Project

9. REVIEW EVALUATION

COMPONENT	MARKS	MARKS AWARDED
Project Proposal With Individual Role	5	
Abstract Submission	5	
Review-1- Report	5	
Review-1-Presentation	5	
TOTAL	20 MARKS	