

Made By Laravel

# POINT OF SALE

GET STARTED

# Initial Idea & Problem

- 01 MR-X is has a bakery.
- 02 Currently he manually try to track his business using tally khata, but it is not accurate and also kills his time.
- 03 He needs to solution that he can track his sales,
- 03 From system data he can decide the right/wrong and enhance his business



# Basic Requirement

- 01** Should have product category listing
- 02** Should have product listing
- 03** Sales & invoice features
- 04** Business report features
- 04** System should be multiuser , that many business can use it by creating profile

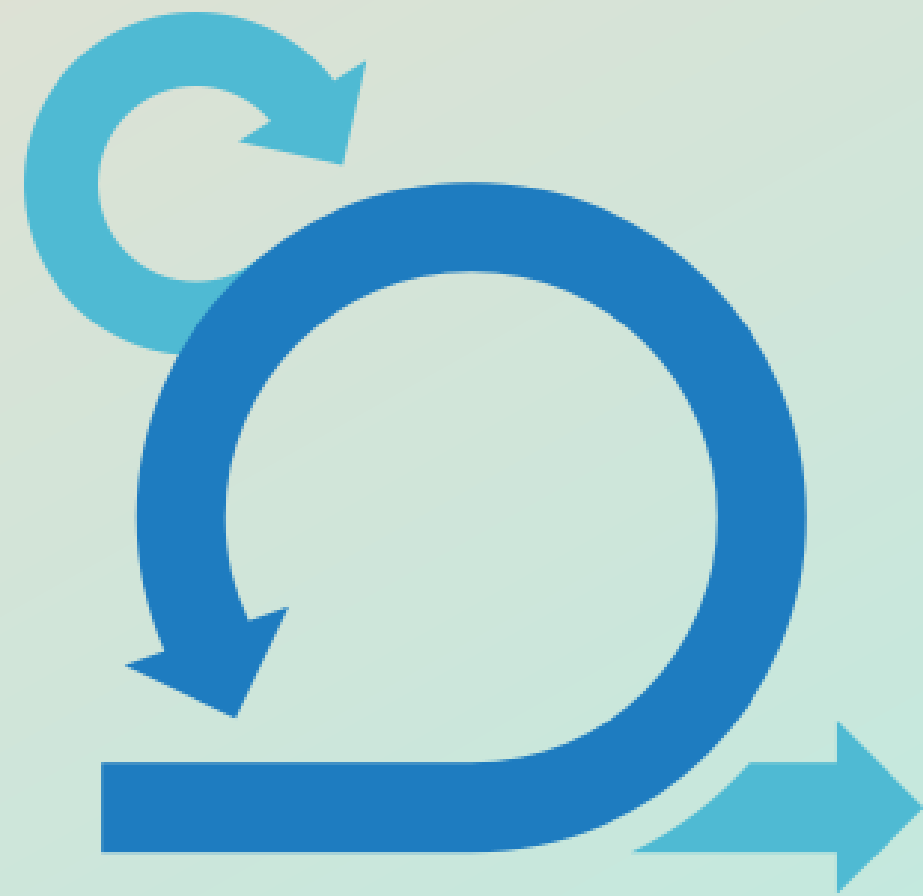
The background features a series of concentric circles in shades of light orange and light teal. Scattered around these circles are several small dots in dark teal and light orange, some of which are enclosed in larger, semi-transparent circles of the same color. The overall design is clean and modern.

# AGILE

PROJECT MANAGEMENT APPROACH

# PHASE 01

1. **Planning User Profile Table**
2. **User Profile Auth Back-End Development**
3. **User Profile Front-End Development**



# Phase 01

## Planning User Profile Table

users	
id	BIGINT
firstName	VARCHAR
lastName	VARCHAR
email	VARCHAR
mobile	VARCHAR
password	VARCHAR
otp	VARCHAR
created_at	TIMESTAMP
updated_at	TIMESTAMP
▸ Constraints	
▸ Indexes	

# Phase 01

## Developing User Auth Back-End Features

1. **User registration (end point)**
2. **User login & issue JWT token (end point)**
3. **Sending OTP Code to Email - Password Recover Stage 01 (end point)**
4. **Verify OTP Code - Password Recover Stage 02 (end point)**
5. **Allow user to reset password - Password Recover Stage 03 (end point)**
6. **Allow user to get profile details (end point)**
7. **Allow user to update profile details (end point)**



# Phase 01

## SIGN IN

User Email

User Password

NEXT

Sign Up | Forget Password



# Phase 01

## Sign Up

Email Address

First Name

Last Name

Mobile Number

Password

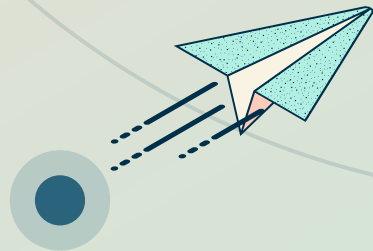
COMPLETE

# Phase 01

## EMAIL ADDRESS

Your email address

NEXT



# Phase 01

## OTP VERIFICATION

A 6 Digit verification code has been sent to your email address.

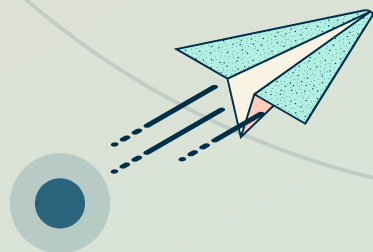
NEXT

# Phase 01

## OTP VERIFICATION

A 6 Digit verification code has been sent to your email address.

NEXT



# Phase 01

## SET NEW PASSWORD

Your email address

engr.rabbil@yahoo.com

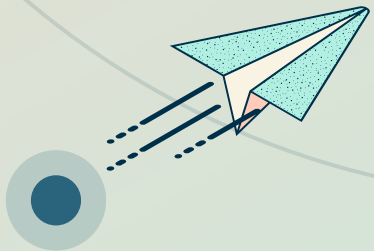
New Password

••••••••••

Confirm Password

Confirm Password

NEXT



# Phase 01

## Agile Pros

- ✓ High flexibility of the project and the ability to adapt projects frequently.
- ✓ High customer satisfaction over the development process.
- ✓ Constant interaction among stakeholders that stimulates creativity and leads to better results.
- ✓ Continuous quality assurance and attention to detail.

## Agile Cons

- ✓ Problems with workflow coordination.
- ✓ Difficult planning at early stages where you should assess resources, build up teams, and communicate an overall vision of the project.
- ✓ Only experienced software developers, testers, and managers should be working on the project.
- ✓ Lack of long-term planning.

## Phase 01



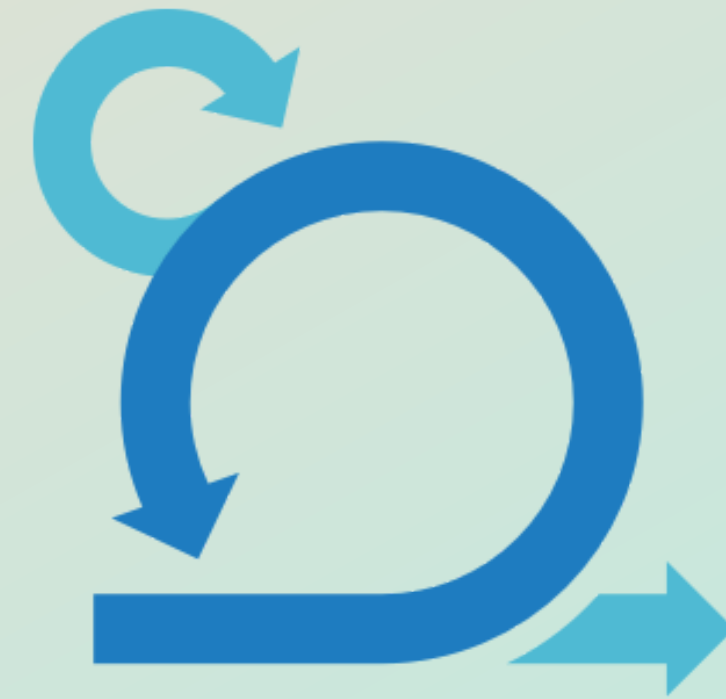
# Face the challenges of agile & take advantages

- We decide to use users table primary key "id" for further database works.
- We decide to use redirect unauthorised user form middleware
- Use decide to use TokenVerificationMiddleware for data end point and also page level browsing.
- JWT Token managing through web cookies



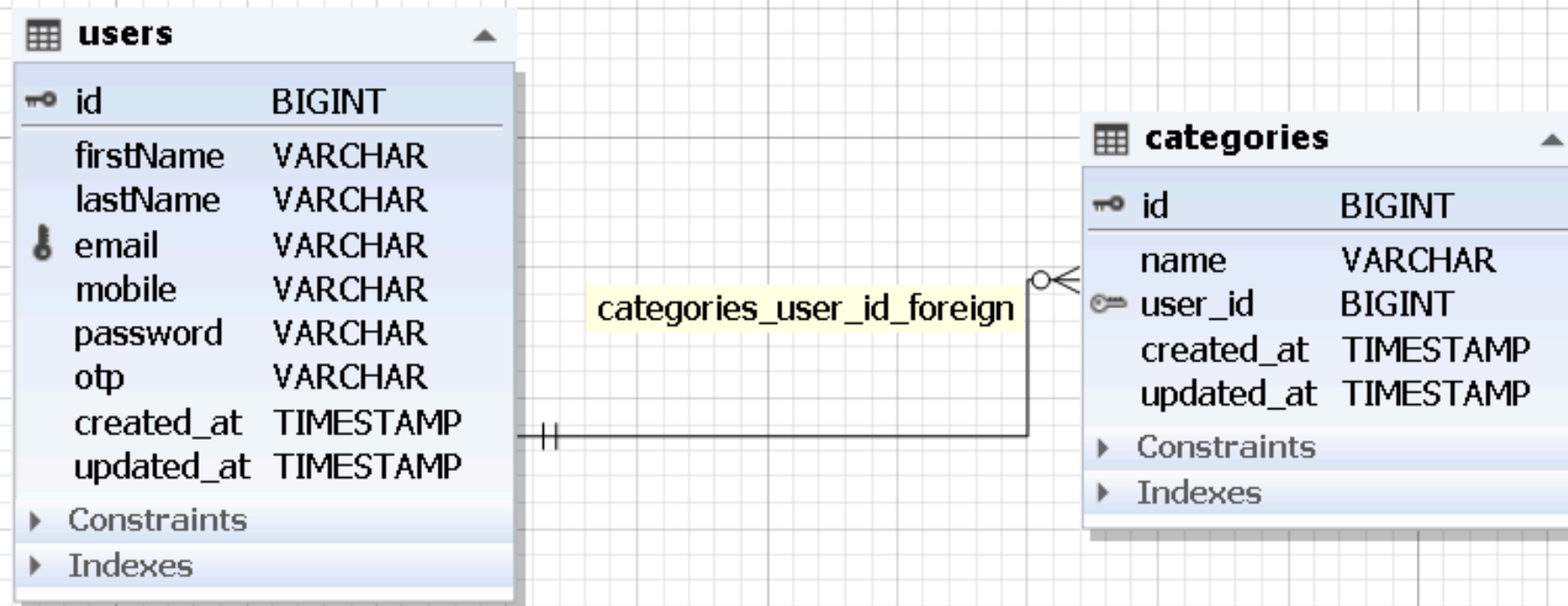
# PHASE 02

1. **Planning Product Category Table By Profile**
2. **Category Managing Back-End Development**
3. **Category Managing Front-End Development**



# Phase 02

## Planning Category Table



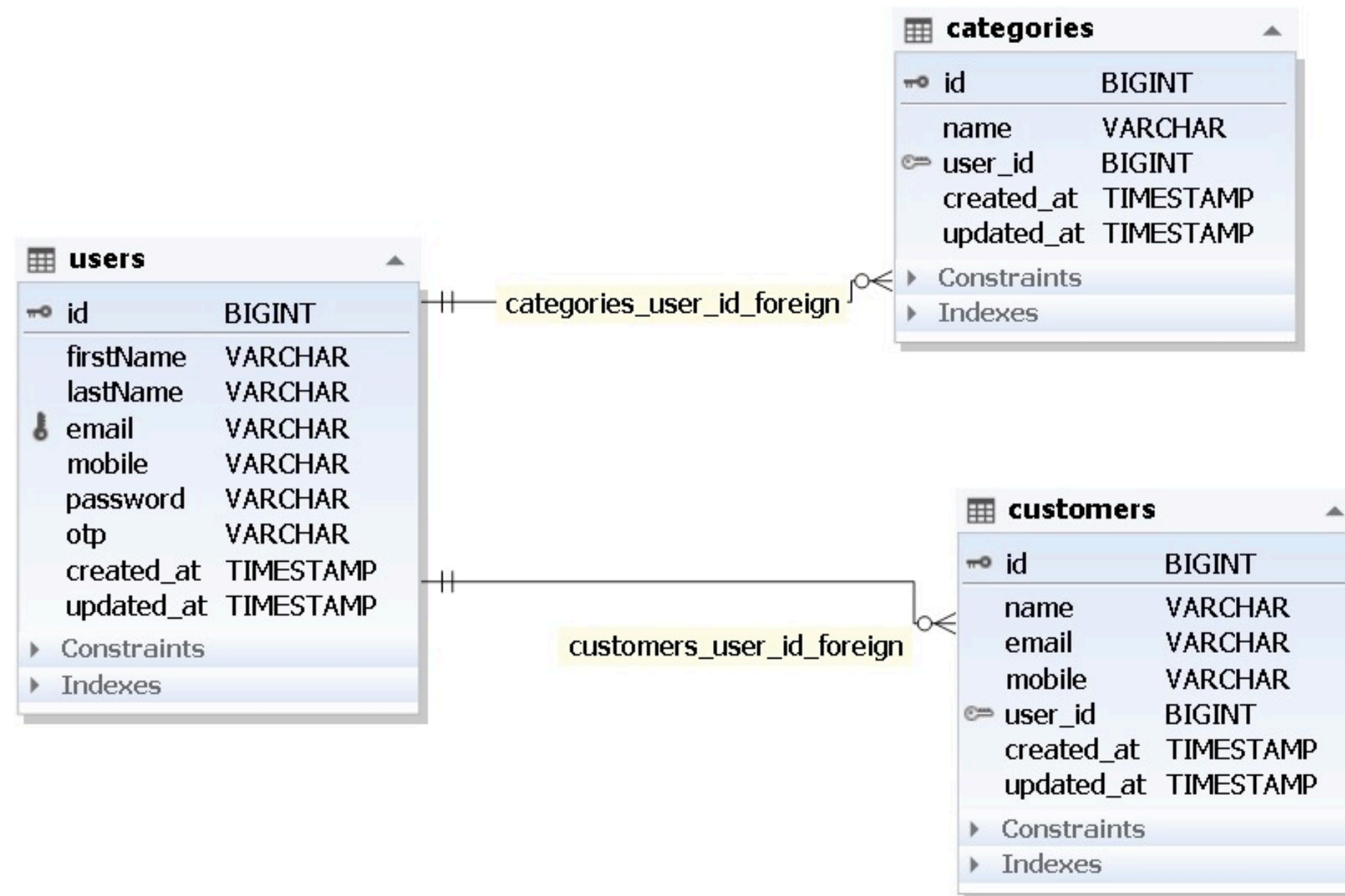
# PHASE 03

1. **Planning Customer Table**
2. **Customer Managing Back-End Development**
3. **Customer Managing Front-End Development**



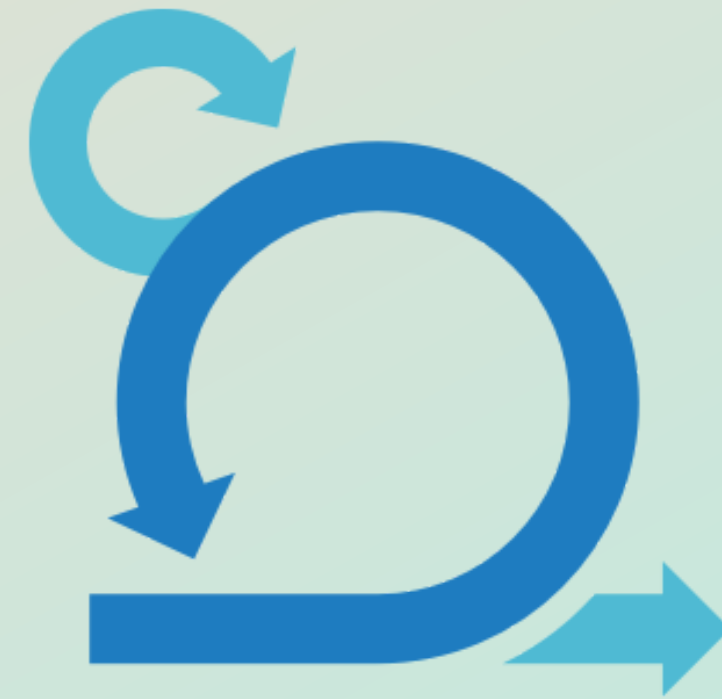
# Phase 03

## Planning Customer Table



# PHASE 04

1. **Planning Product Table**
2. **Product Managing Back-End Development**
3. **Product Managing Front-End Development**



# Phase 04

## Planning Product Table





# PHASE 05

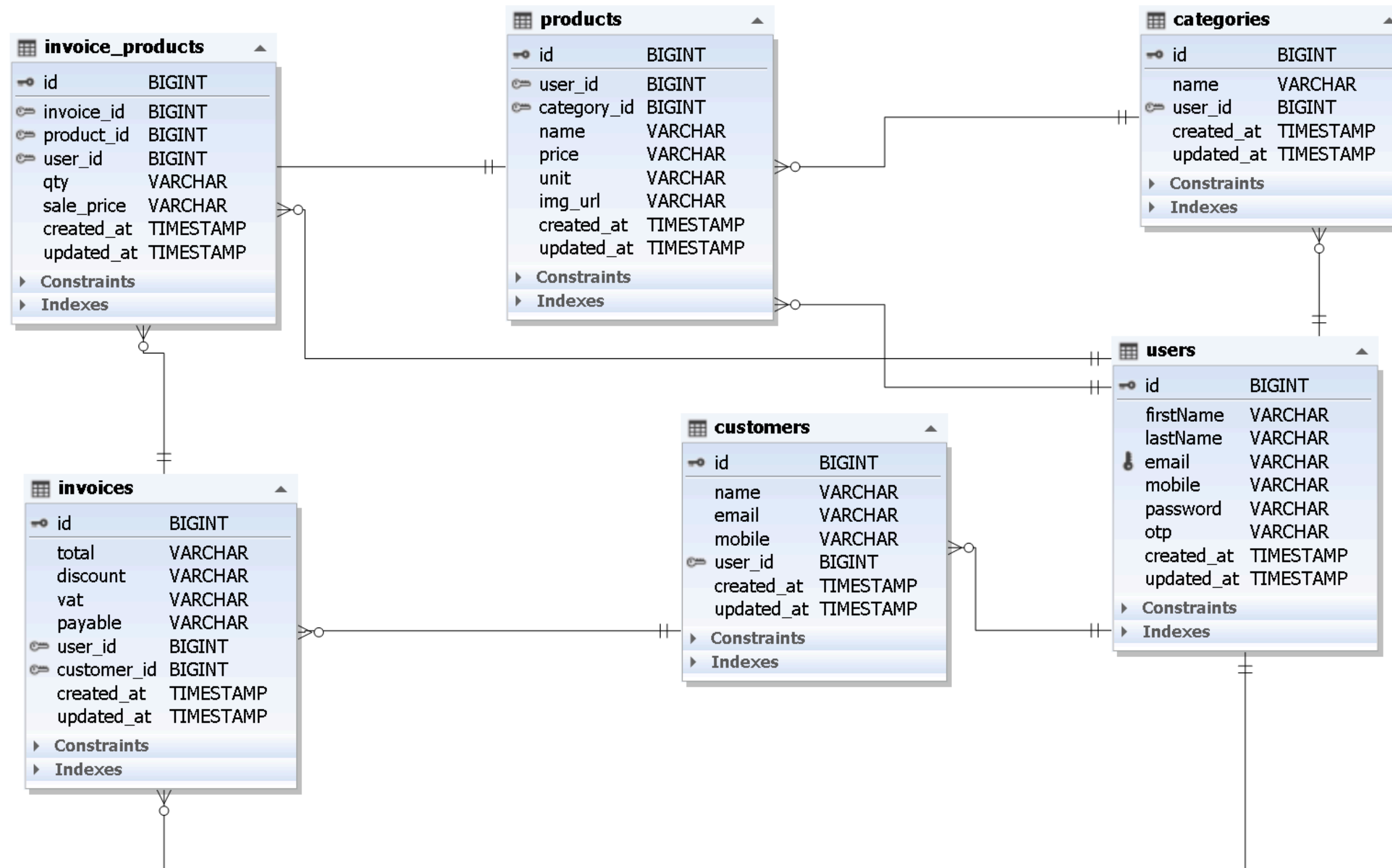
1. **Planning Invoice Table**
2. **Product Invoice Back-End Development**
3. **Product Invoice Front-End Development**

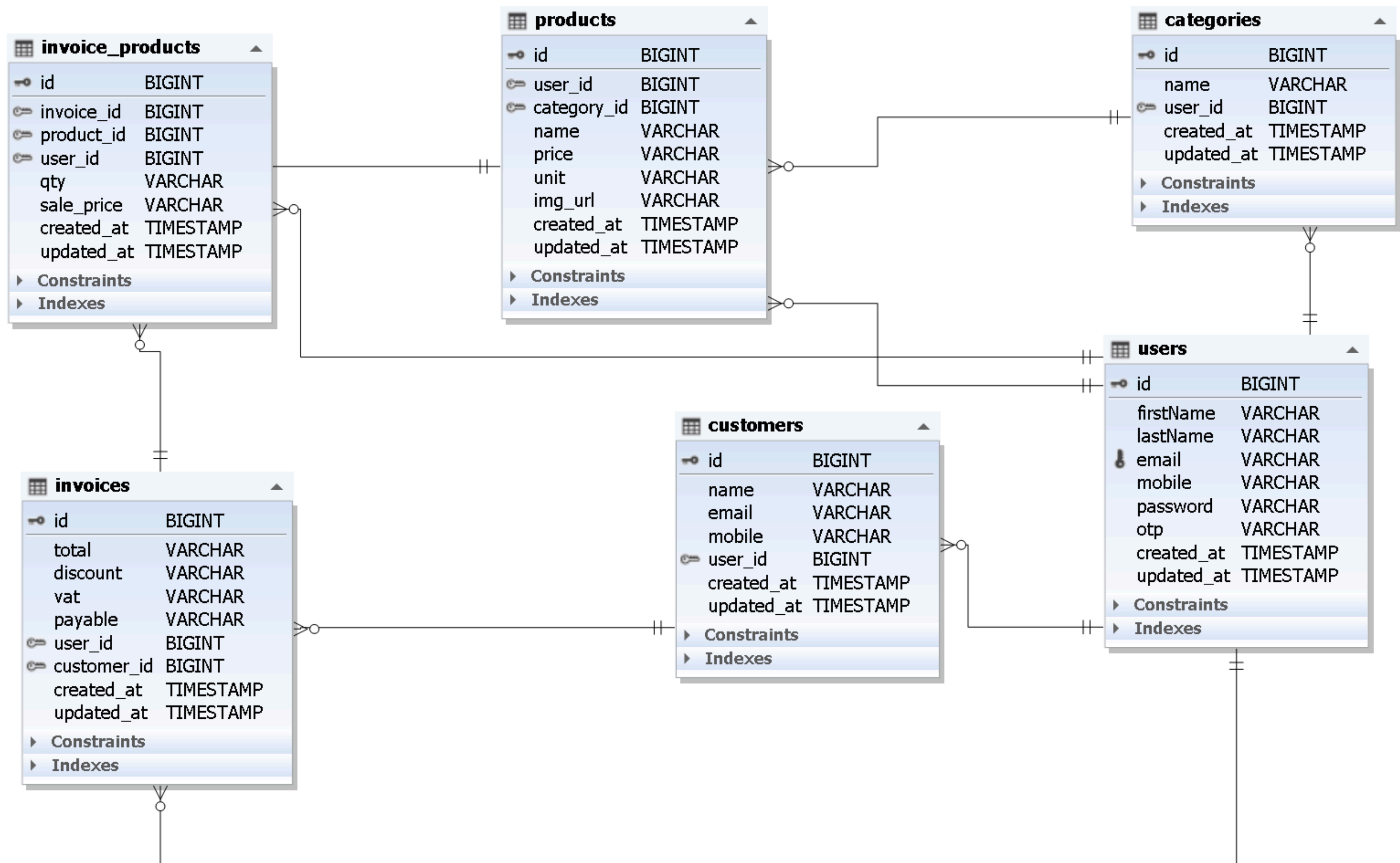




# Phase 05

## Planning Invoice Table





# PHASE 06

1. **Dashboard summary - Total customer, Product, Sales, Category**
2. **Business Report - Date to Date sales report**



# PHASE 07 TESTING

1. **User Profile Module**
2. **Category Module**
3. **Product Module**
4. **Invoice Module**
5. **Dashboard Summary**
6. **Report Generation**



# PHASE 08 DEPLOY

In Linux shared hoasting

