

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

# 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

User Email

First Name

First Name

Last Name

Last Name

Mobile Number

Mobile

Password

User Password

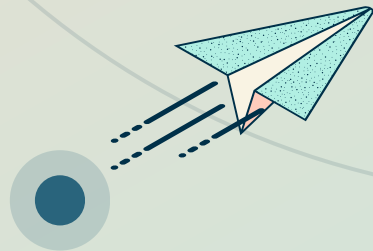
COMPLETE

# 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

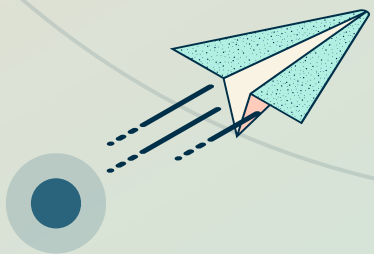
New Password

••••••••••

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



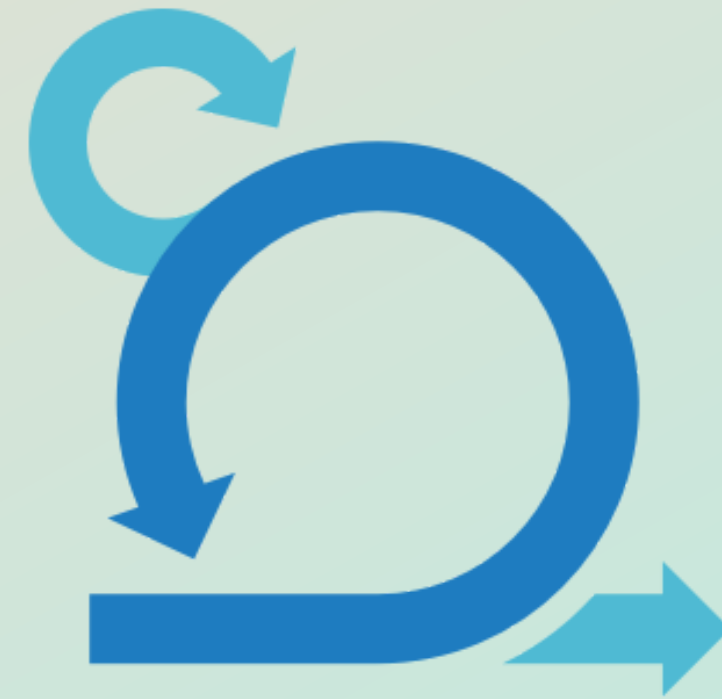
# Face the challenges of agile & take advantages

- 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



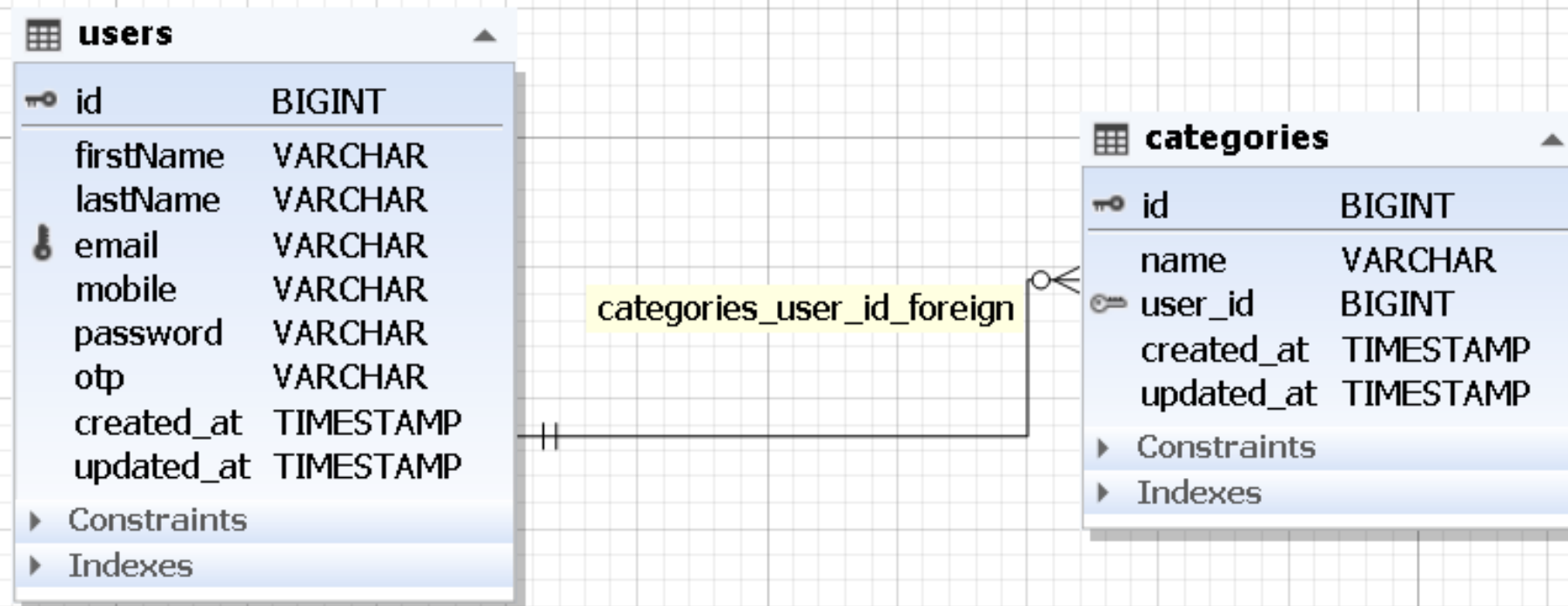
# PHASE 02

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



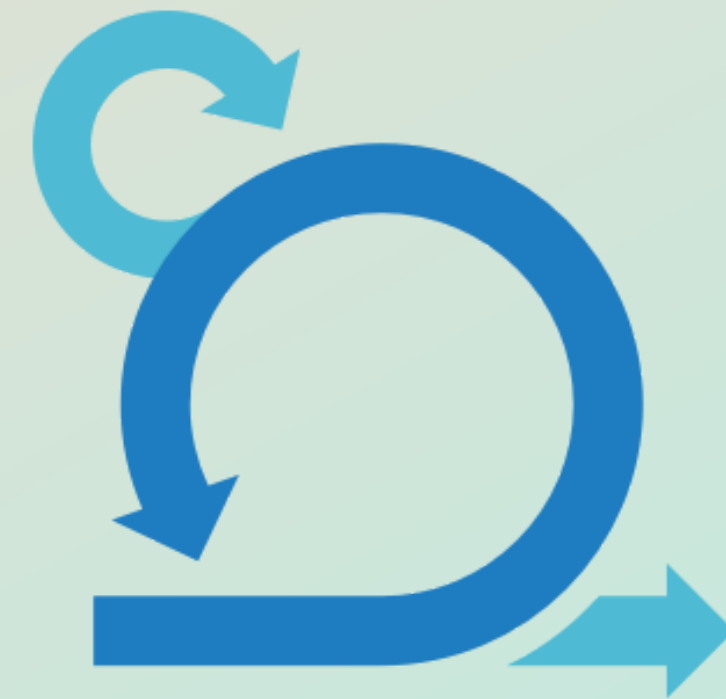
# Phase 02

## Planning Category Table



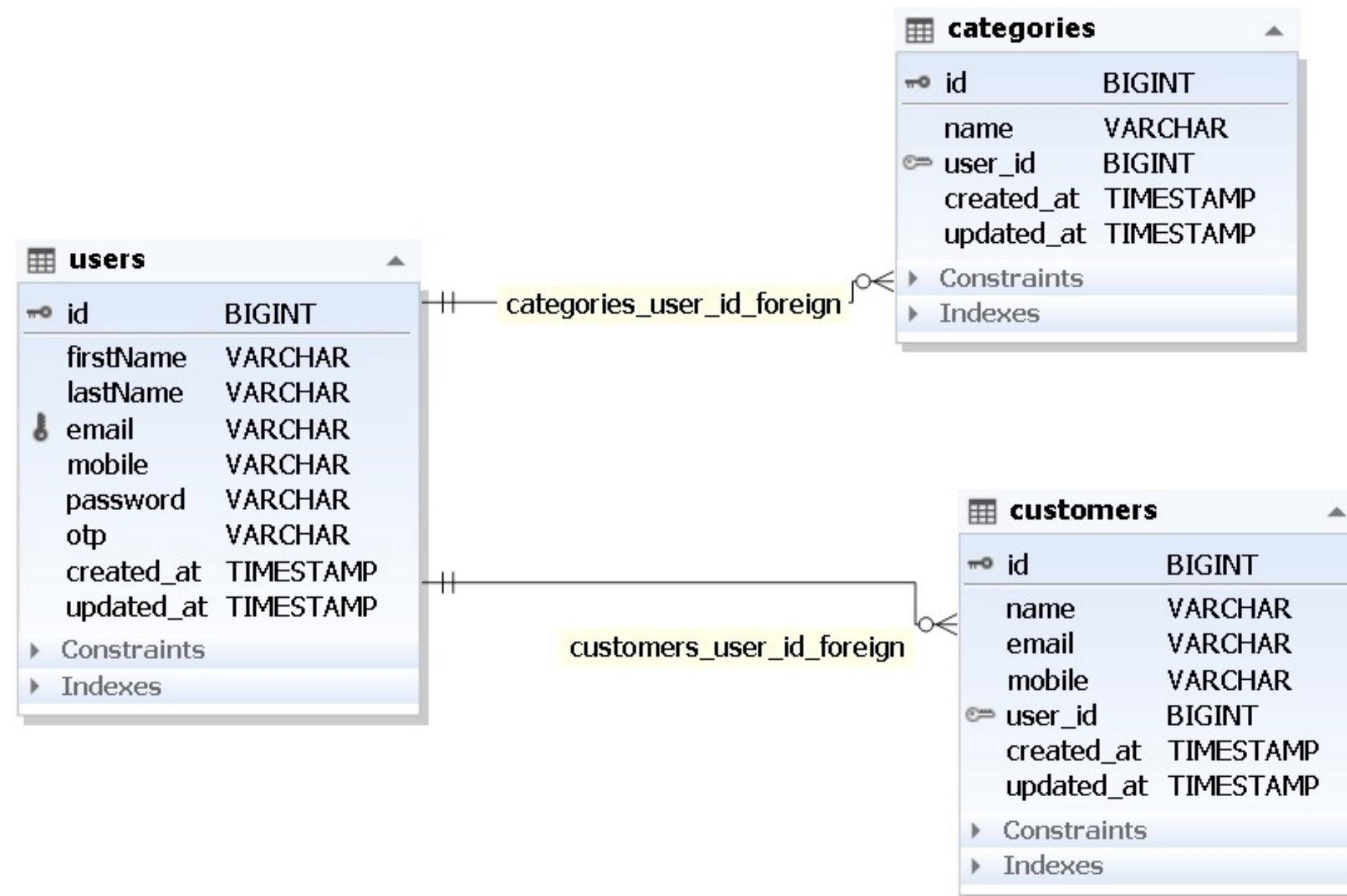
# PHASE 03

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



# Phase 03

## Planning Customer Table



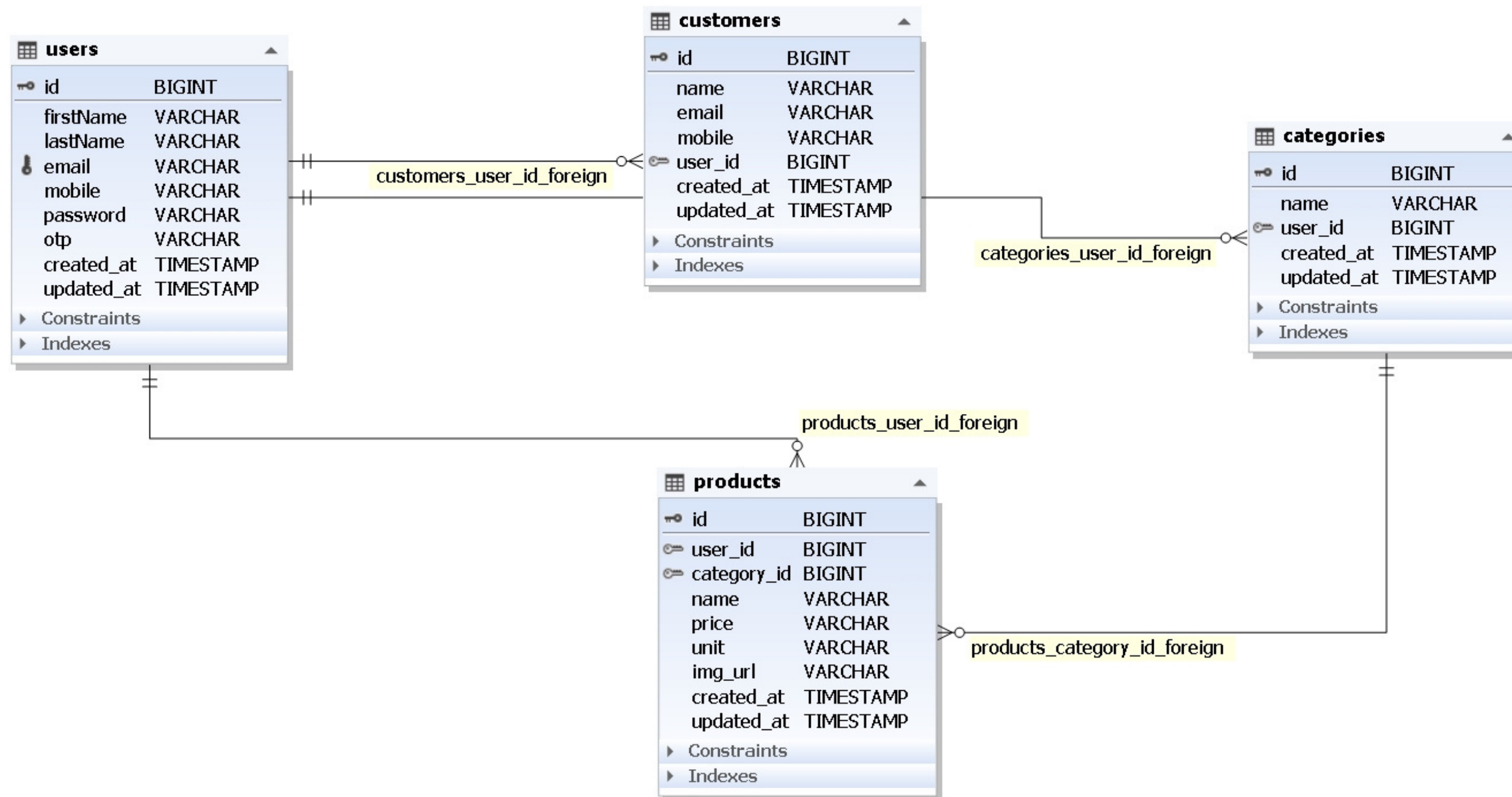
# PHASE 04

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



# Phase 04

## Planning Product Table





# PHASE 05

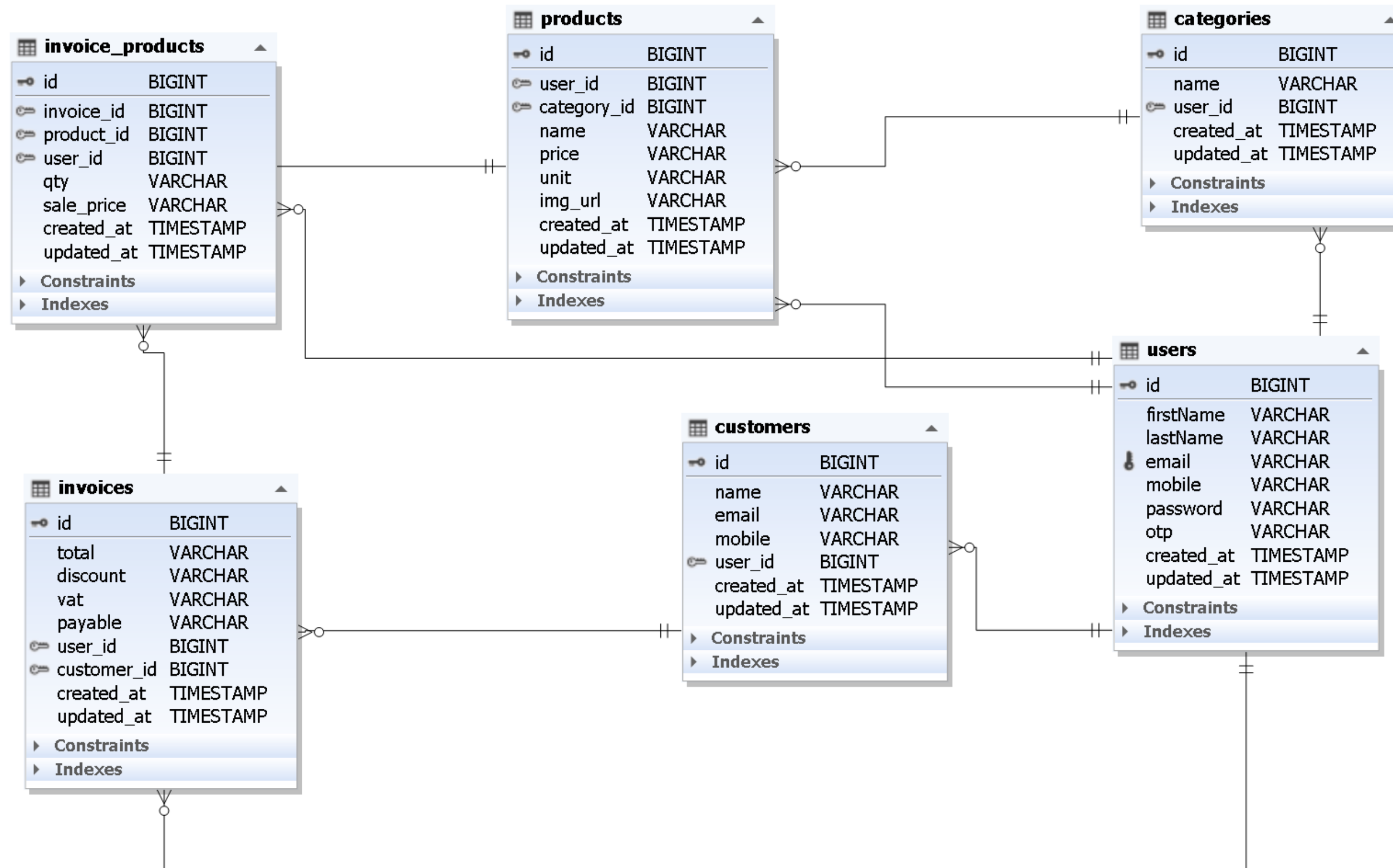
1. **Planning Invoice Table**
2. **Product Invoice Back-End Development**
3. **Product Invoice Front-End Development**





# 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

