# Project Report

## On

## ONTKT-in-bus online payment

## Submitted by

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**Rajiv Gandhi University of Knowledge and Technologies R.K.Valley, Kadapa**

# Andhrapradesh



Rajiv Gandhi University of Knowledge Technologies

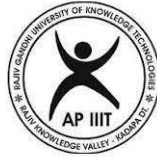**RK Valley**, Kadapa (Dist), Andhra Pradesh, 516330

# DECLARATION

We hereby declare that the report of the B.Tech Mini Project Work entitled **"ONTKT"** which is being submitted to Rajiv Gandhi University of Knowledge Technologies, RK Valley, in partial fulfillment of the requirements for the award of Degree of Bachelor of Technology in Computer Science and Engineering, is a bonafide report of the work carried out by me. The material contained in this report has not been submitted to any university or institution for award of any degree.

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# RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES



## RGUKT

(A.P.Government Act 18 of 2008)

RGUKT, RK VALLEY

Department of Computer Science and Engineering

## CERTIFICATE FOR PROJECT COMPLETION

This is certify that the project entitled "**ONTKT**" submitted by **M.SIVA SAI (R170057),M.BALAJI(R170052),K.RANJITH(R171146)** under our guidance and supervision for the partial fulfillment  for the degree Bachelor of  Technology in  Computer Science  and Engineering during the academic year 2021-2022 at RGUKT, RK VALLEY. To the best of my knowledge, the results embodied in this dissertation work have not been submitted to any University or Institute for the award of any degree or diploma.

| **Project Internal Guide** | **Head of the Department** |
|---|---|
| Mrs Siva Lakshimi | Mr.P.Harinadha |
| Project Coordinator, | |
| Assistant Professor, | HOD Of CSE, |
| RGUKT, RK Valley. | RGUKT, RK Valley. |

# Acknowledgement

The satisfaction that accompanies the successful completion of any task would be incomplete without the mention of the people who made it possible and whose constant guidance and encouragement crown all the efforts success. I am extremely grateful to our respected Director,Prof. K. SANDHYA RANI for fostering an excellent academic climate in our institution. I also express my sincere gratitude to our respected Head of the Department Mr P.HARINADHA for their encouragement, overall guidance in viewing this project a good asset and effort in bringing out this project. I would like to convey thanks to our guide at college Mrs SIVA LAKSHIMI for their guidance, encouragement, co-operation and kindness during the entire duration of the course and academics. My sincere thanks to all the members who helped me directly and indirectly in the completion of project work. I express my profound gratitude to all our friends and family members for their encouragement.

# Index

# Abstract

As,we all know our India is now digital India but,UPI(online-payment) is not available for In-bus payments, we have to still use paper money to buy ticket, So to solve this problem we have came with an App solution which we can get ticket by online payment methods

Also we can see that conductors are writing ticket details informs/papers but now with our app they can easily store every ticket in online database, Hence paperless, no fraud, effortless. Also We have the highest number of UPI payments, so its right time to bring this app to the APSRTC SYSTEM

UPI123 this enables to pay amount even using keypad/feature-phone without internet…

Now,our India is Digital India but, Online payment method is not available for in-bus payments, we have to use paper money to buy tickets. So to solve this we came up with an conductor based-app

# INTRODUCTION

• The main objective of the proposed system is to decrease the paper work and easier record maintenance by having a particular app and buy tickets using online payments

• With this conductor based app we can easily buy tickets with any online payment methods like UPI(Phone-pe,G-pay,Paytm etc...),credit-card,debit-card wallets,online banking etc.... we can have a database of tickets, we also no need to worry about change

• With this we can move towards digital India,A step towards our digital India

• We can stop corruption, reduce paper work

• We can store bus ticket details in database and can be accessed easily later

# Purpose

The purpose of this "Ontkt" is to accept the online payments for the In-bus tickets and to store the ticketing-ID in the database to avoid the loss of data and making the ticket management easy unlike traditional ticketing system.

# Intended Audience

1)Conductor

2)Passengers

# Product Vision

The main vision of this project is to accept the Online payments for the in-bus tickets and make a big leap in the digital India

## ■ Existing System :

In existing system every one have to buy ticket using only liquid cash and conductor have to have a paper record of no of tickets, he need to settle the amount by himself, he have to worry about the change for the ticket and there are the chances of fraud or corruption and entry of the ticket details manually which is a time taking process and there is a chance of losing records

## ■ Proposed System

In proposed system chances of losing data is not possible because data is maintained in the form of database and also passengers can buy tickets by both online payment method or by using liquid cash. With this system we can reduce manual work ,we can achieve accuracy ,we can stop corruption and fraud and its a big leap towards digital India

# Requirement Specification

## Hardware Configuration:

### Client side:

| Ram | 512 MB |
|---|---|
| Hard disk | 10GB |
| Processor | 1.0 GHz |

### Server side:

| Ram | 1GB |
|---|---|
| Hard disk | 20GB |
| Processor | 2.0GHz |

## Software Requirements:

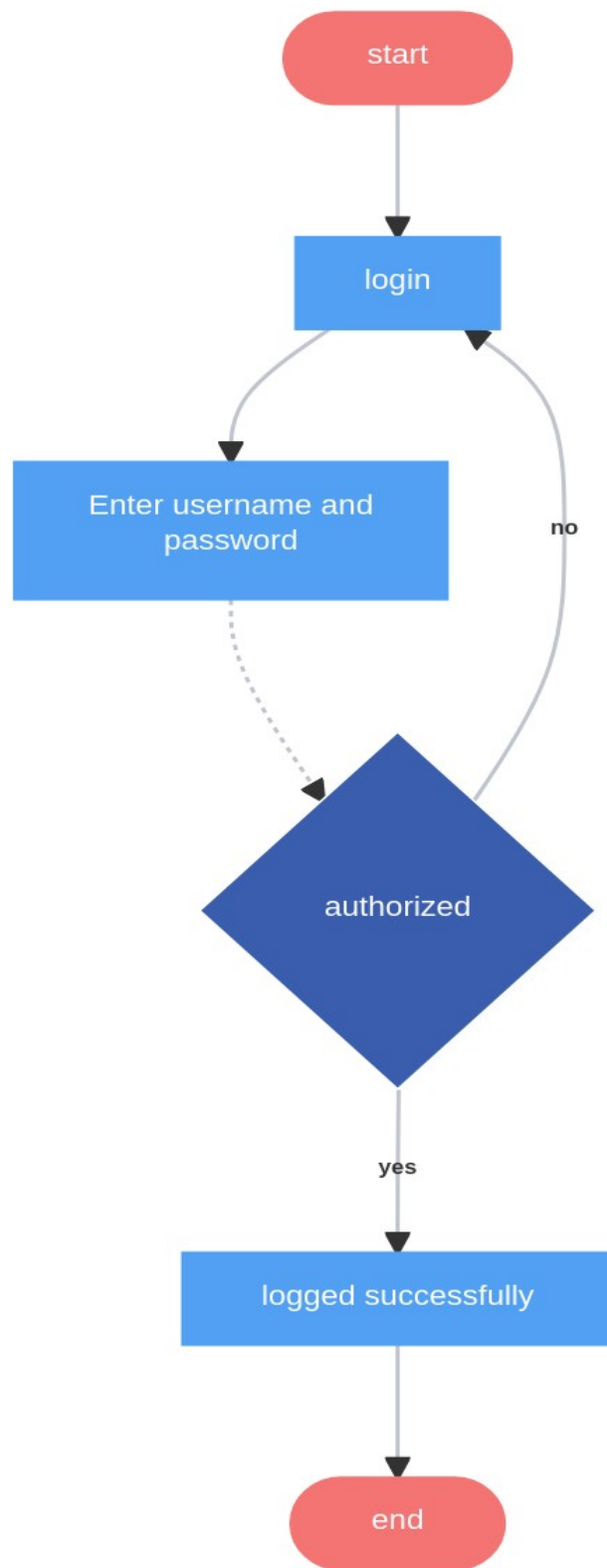| Front end | Html,Css,javascript |
|---|---|
| Server side Language | Flask |
| Database Server | Arango db |
| Web Browser | Firefox,Chrome or any compatible Browser |
| Operating System | Ubuntu,Windows or any Compatible Browser |
| Software | EPASS |

# MODULES

- [Login](#)
- [Registration](#)
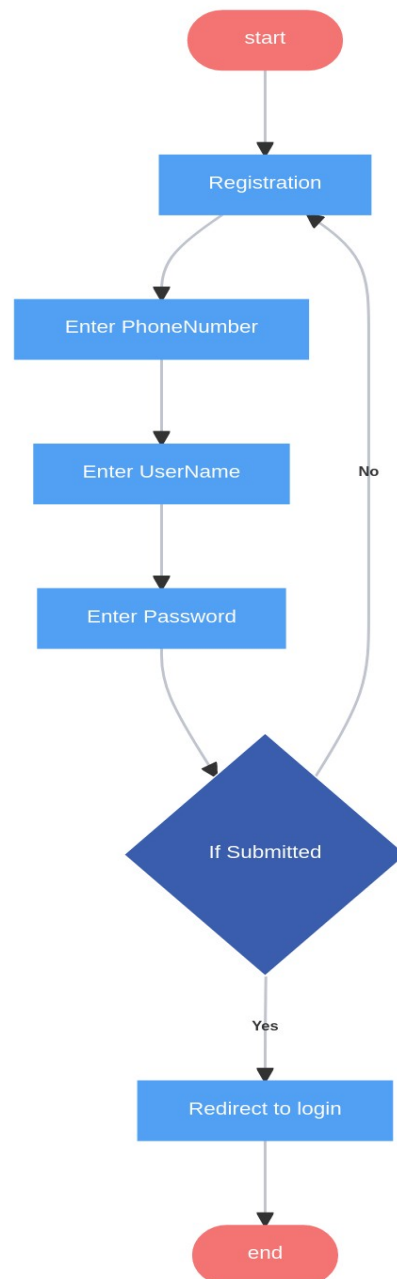- [Route](#)
- [Payment](#)

## Modules Description :

### ■ Login:

In this module conductor can login with his username and password,after login he will be directed to the Route page where he can select the routes. If he is a new user then he can register in the registration page

```
                    ╭──────────╮
                    │   start   │
                    ╰──────────╯
                          │
                          ▼
                    ┌──────────┐
                    │  login    │
                    └──────────┘
              │                      ▲
              ▼                      │ no
    ┌──────────────────┐            │
    │ Enter username and │          │
    │    password        │          │
    └──────────────────┘            │
              ┊                      │
              ▼                      │
            ◇ authorized ◇──────────┘
                  │
                  │ yes
                  ▼
    ┌──────────────────┐
    │ logged successfully │
    └──────────────────┘
                  │
                  ▼
            ╭──────────╮
            │    end    │
            ╰──────────╯
```

# ■ Registration Module

In this module new conductors can register with their details and can login with the credentials,after registration it will be will be directed to the login page

start

Registration

Enter PhoneNumber

Enter UserName

No

Enter Password

If Submitted

Yes

Redirect to login

end

- **Route**

This module is very important module in this project,Here conductor can select routes,from and to also no of child and no of adults and can calculate the total net amount

- **Payment**

In this module all the passengers can pay amount through cash or can pay the total ticket amount using any online payment method such as Phone-pe,G-pay,Paytm,Wallets,Credit and Debit Cards

## Advantages of Proposed Methodology

- A step towards digital India
- No need to carry paper money to buy the ticket
- contactless payment to avoid covid19
- No fraud as we store each and every ticket in database
- Every Penny goes straight to the government and no corruption
- No need of keeping change for ticket
- Effortless and Easy to use

# Technologies Used

- FRONT-END : HTML ,CSS , JavaScript
- BACK-END : PHP ,MYSql
- ENVIRONMENT :Xampp,Brackets

## HTML

HTML, or Hypertext Markup Language, is a markup language for the web that defines the structure of web pages.

**Hypertext**: text (often with embeds such as images, too) that is organized in order to connect related items
**Markup**: a style guide for typesetting anything to be printed in hardcopy or soft copy format
**Language**: a language that a computer system understands and uses to interpret commands.

## CSS

**Cascading Style Sheets** (**CSS**) is a Style sheet Language used for describing the Presentation of a document written in a markup language such  as HTML or XML (including  XML  dialects  such as SVG, MathMl  or Xhtml). CSS is a cornerstone technology of the World wide web, alongside HTML and Javascript(js).

## Javascript

JavaScript is **a dynamic programming language that's used for web development, in web applications, for game development, and lots more**. It allows you to implement dynamic features on web pages that cannot be done with only HTML and CSS.

## PHP

"PHP: **Hypertext Preprocessor**" is a general-purpose scripting language geared toward web development. It was originally created by Danish-Canadian programmer Rasmus Lerdorf in 1994.

## MySql

MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter My, and "SQL", the abbreviation for Structured Query Language

# SOURCE CODE

## Ontkt.php

```php
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<script
src="https://kit.fontawesome.com/64d58efce2.js"
crossorigin="anonymous"
></script>
<link rel="stylesheet" href="styles.css" />
<title>OnTkt</title>
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
<div class="container">
<img src="logo2.png" style="width:15%; position:absolute; top:0%; right:3%;">
<div class="forms-container">
<div class="signin-signup">
<form action="validation.php" class="sign-in-form" method="post">
<h2 class="title">Sign in</h2>
<?php if(isset($_GET['error'])){?>
<p class="error"><?php echo $_GET['error']; ?></p>
<?php }?>
<div class="input-field">
<i class="fas fa-user"></i>
<input type="text" placeholder="Username" name="user" required/>
</div>
<div class="input-field">
<i class="fas fa-lock"></i>
<input type="password" placeholder="Password" name="password" required/>
</div>
<p id="validate"></p>
<input type="submit" value="Login" class="btn solid" />
</form>
<form action="registration.php" class="sign-up-form" method="post">
<h2 class="title">Register</h2>
<div class="input-field" id="Phone Number">
<i class="fas fa-phone"></i>
```

```html
<input type="text" placeholder="Phone Number" name="phone" required>
</div>
<div class="input-field" id="username">
<i class="fas fa-user"></i>
<input type="text" placeholder="Username" name="user" required>
</div>
<div class="input-field" id="password">
<i class="fas fa-lock"></i>
<input type="password" placeholder="Password" name="password" required>
</div>
<input onlick="register()" type="submit" class="btn" value="Register" />
</form>
</div>
</div>

<div class="panels-container">
<img src="logo2.png" style="width:15%; position:absolute; top:0%; right:83%;">
<div class="panel left-panel">
<div class="content">
<h3>New Registration?</h3>
<p>
The new registrations are available only for the Bus Conductors
who not yet registered
</p>
<button class="btn transparent" id="sign-up-btn">
Register
</button>
</div>
<img src="download.svg" class="image" alt="" />
</div>
<div class="panel right-panel">
<div class="content">
<h3>Already have an Account?</h3>
</br>
<button class="btn transparent" id="sign-in-btn">
Sign in
</button>
</div>
<img src="bus_image.svg" class="image" alt="" />
</div>
</div>
</div>
<script src="app.js"></script>
</body>
</html>
```
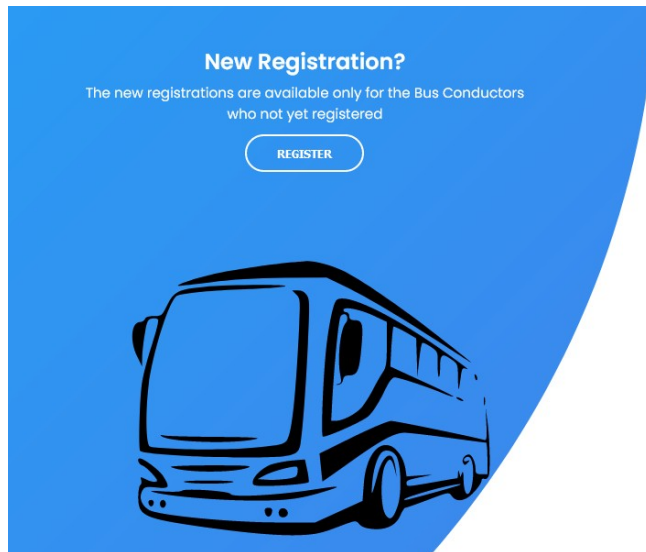
# OUTPUT



**New Registration?**

The new registrations are available only for the Bus Conductors who not yet registered

REGISTER

**Sign in**

Username

Password

LOGIN

**Register**

Phone Number

Username

Password

REGISTER

**Already have an Account?**

SIGN IN

# MainRoutes.php

```php
<?php $user = $_GET['id']; ?>


<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="./css/routestyle.css">
<script src="js/jsFile.js"></script>
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body style="background-image: url('./bg.jpg'); background-attachment: fixed;
background-repeat: no-repeat; background-size: 100% 100%">
<div>
<p style="position: absolute; margin-left: 85%; top:0%; color: black; font-
size:20px;"><?php echo 'Welcome, '.$user ?></p>
<a href="bookin.php" style="position: absolute; margin-left: 90%; top:8%; color:
aliceblue; text-decoration: none;">Booking History</a>
<a href="http://localhost/project/OnTkt.php" style="position: absolute; margin-left:
90%; top:12%; color: aliceblue; text-decoration: none;">Logout</a>
<img src="logo2.png" style="width:15%; position: absolute; top: 0%">
</div>
<form action="./checkout/start.php" id="form" method="post" name='myform' class =
"form">
<h1 class="route" style="margin-left: 38%;">Select Route</h1>
<select id="mySelect" onchange="myFunction()">
<option value="" selected disabled>select</option>
<option value="Kadapa-Pulivendula">Kadapa-Pulivendula</option>
<option value="Kadapa-Rayachoty">Kadapa-Rayachoty</option>
<option value="Kadapa-Kurnool">Kadapa-Kurnool</option>
</select>
<div class="options">
From:
<select name="" id="mySelect2">

</select>
<img src="arrow.svg" class="image" />
To:
<select name="" id="mySelect3" >

</select>
</div>
<div class="customer">
<p>Select Number Of Passengers</p>
```

```html
<label>Adults</label>
<input type="number" name="adults" value='0' id="adults" min='0' max='10'>
<label>Children</label>
<input type="number" name="children" value='0' id="children" min='0' max='10'>
</div>
<input type="hidden" id="TotalCost" name="TotalCost" >
<input class="btn" style="margin-left: 10%" type="submit" value="offline"
onclick="myform.action='offline.php'; myform.method='post'; return true;" />
<input type="submit" class="btn" style="margin-left: 40%;" onclick="getSourceDest()"
value="online"/>
<p id="demo"></p>
</form>
</body>
</html>
```

# OUTPUT

## offline.php

```php
<?php

$TotalCost=5*rand(10,20);

$referenceId = 'none';
$txStatus = 'SUCCESS';
$paymentMode = 'CASH';
date_default_timezone_set('Asia/Kolkata');
$txTime = date("Y-m-d h:i:sa",time());
$x='TXN';
$y=rand(10000,99999);
$orderId=$x.$y;

$conn = new mysqli('localhost','root','','userregistraion');
if($conn->connect_error)
{
die('Connection failed : '.$conn->connect_error);
}
else
{
$stmt = $conn->prepare("insert into
bookings(orderId,orderAmount,referenceId,txStatus,paymentMode,txTime)
values(?,?,?,?,?,?)");
$stmt->bind_param("ssssss",$orderId,$TotalCost,$referenceId,$txStatus,
$paymentMode,$txTime);
$stmt->execute();
#$echo 'registration success';
$stmt->close();
$conn->close();
}
?>
<html>
<head>
<style>
#ticket{
font-family: cursive;
width:80%;
margin-left: 5%;
```

```
}
#ticket td, #ticket th{
border: 1px solid #ddd;
padding: 8px;
}
</style>
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
<h1 style="text-align:center;">Ticket Details</h1>
<table id="ticket" style="border-collapse:collapse;">
<tr>
<td>Ticket Id</td>
<td><?php echo $orderId; ?></td>
</tr>
<tr>
<td>Ticket Amount</td>
<td><?php echo $TotalCost; ?></td>
</tr>
<tr>
<td>Transaction Status</td>
<td><?php echo $txStatus; ?></td>
</tr>
<tr>
<td>Payment mode</td>
<td><?php echo $paymentMode; ?></td>
</tr>
<tr>
<td>Transaction Time</td>
<td><?php echo $txTime; ?></td>
</tr>
</table>
<div style="margin-left:5%">
<p style="color:green">Ticket Booking successful, click back to book another
ticket</p>
<a href="http://localhost/project/MainRoutes.php"><button style="backgroung-
color:cyan ; padding:5px 15px;">Back</button></a>
</div>
</body>
</html>
```

# OUTPUT

## Ticket Details

| Ticket Id | TXN51473 |
|---|---|
| Ticket Amount | 70 |
| Transaction Status | SUCCESS |
| Payment mode | CASH |
| Transaction Time | 2022-09-20 03:42:37pm |

Ticket Booking successful, click back to book another ticket

Back

# Start.php

```php
<!DOCTYPE html>
<html>
<head>
<title>Cashfree-PG TestForm</title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></script>
<script src="../js/js/jsFile.js"></script>
</head>
<body>
<br>
<br>
<div class="container fluid">
<h1 align="center">Checkout </h1>
<form id="redirectForm" method="post" action="request.php">
<div class="form-group">
```

```html
<input class="form-control" type="hidden" name="appId"
value="23530852d74cdc08117c00c009803532"/>
</div>
<div class="form-group">
<label>Ticket ID:</label><br>
<input class="form-control" name="orderId" value="<?php /*$a =
uniqid('TKT');*/$x='TXN'; $y=rand(10000,99999); $a=$x.$y; echo $a;?> " readonly>
</div>
<div class="form-group">
<label>Adults: </label><br>
<input class="form-control" name="adults" value="<?php $adults=$_POST['adults'];
echo $adults; ?>" readonly/>
</div>
<div class="form-group">
<label>Children:</label><br>
<input class="form-control" name="children" value="<?php
$children=$_POST['children']; echo $children; ?>" readonly/>
</div>
<div class="form-group">
<label>Ticket Amount:</label><br>
<input class="form-control" name="orderAmount" value="<?php
$TotalCost=$_POST['TotalCost']; echo $TotalCost; ?>" readonly/>
</div>
<div class="form-group">
<input class="form-control" name="orderCurrency" type="hidden" value="INR" />
</div>
<div class="form-group">
<input class="form-control" name="orderNote" type="hidden" value="ticket"/>
</div>
<div class="form-group">
<input class="form-control" name="customerName" type="hidden" value="John
Doe"/>
</div>
<div class="form-group">
<input class="form-control" name="customerEmail" type="hidden"
value="customer@gmail.com"/>
</div>
<div class="form-group">
<input class="form-control" name="customerPhone" type="hidden"
value="9080786543"/>
</div>
<div class="form-group">
<input class="form-control" name="returnUrl" type="hidden"
value="http://localhost/project/checkout/response.php"/>
</div>
```

```html
<div class="form-group">
<input class="form-control" name="notifyUrl" type="hidden" placeholder="Enter the
URL to get server notificaitons (Ex. www.example.com)"/>
</div>
<button type="submit" class="btn btn-primary btn-block"
value="Pay">Proceed</button>
<br>
<br>
</form>
</div>
<br>
<br>
<br>
<br>
</body>
</html>
```

## OUTPUT

Checkout

**Ticket ID:**

TXN43171

**Adults:**

3

**Children:**

2

**Ticket Amount:**

240

Proceed

0

# Request.php

```php
<!DOCTYPE html>
<html>
<head>
<title>Cashfree - Signature Generator</title>
<meta name="viewport" content="width=device-width, initial-scale=1">

</head>
<body onload="document.frm1.submit()">

<?php
$mode = "TEST"; //<------------ Change to TEST for test server, PROD for production

extract($_POST);
$secretKey = "4810e1a8b7bb21169e10561fe16677299a9384b6";
$postData = array(
"appId" => $appId,
"orderId" => $orderId,
"orderAmount" => $orderAmount,
"orderCurrency" => $orderCurrency,
"orderNote" => $orderNote,
"customerName" => $customerName,
"customerPhone" => $customerPhone,
"customerEmail" => $customerEmail,
"returnUrl" => $returnUrl,
"notifyUrl" => $notifyUrl,
);
ksort($postData);
$signatureData = "";
foreach ($postData as $key => $value){
$signatureData .= $key.$value;
}
$signature = hash_hmac('sha256', $signatureData, $secretKey,true);
$signature = base64_encode($signature);

if ($mode == "PROD") {
```
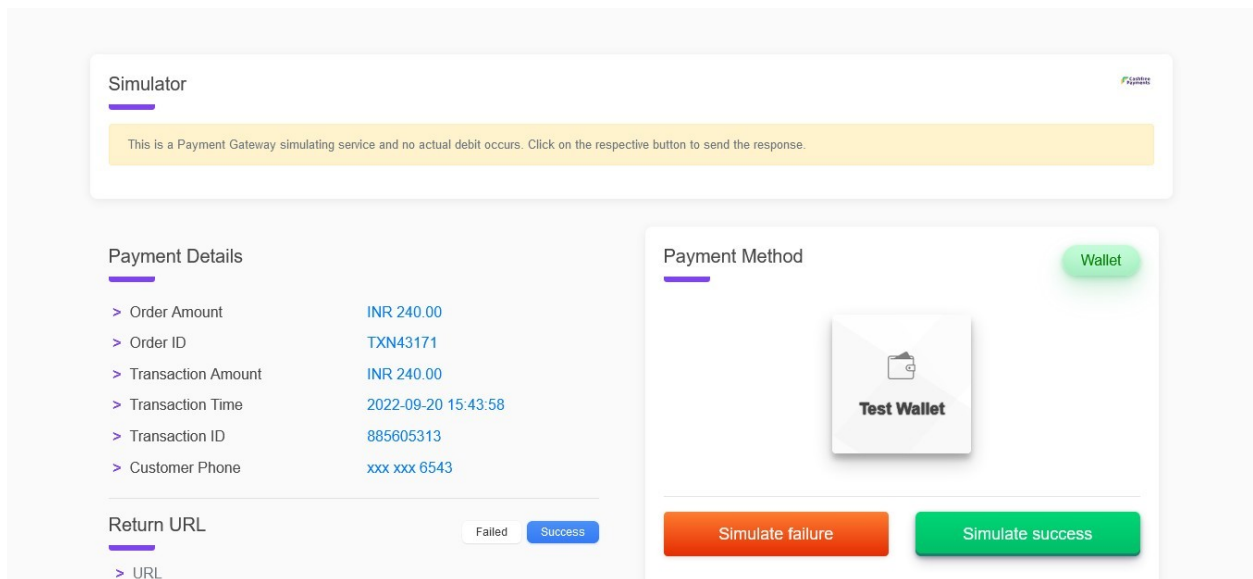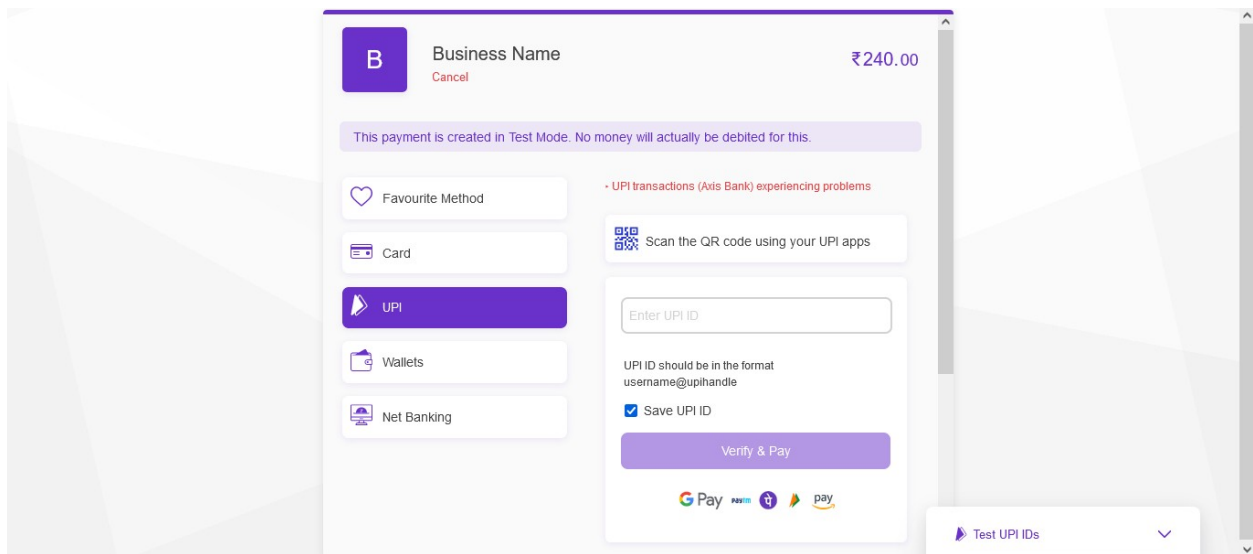
```php
$url = "https://www.cashfree.com/checkout/post/submit";
} else {
$url = "https://test.cashfree.com/billpay/checkout/post/submit";
}


?>
<form action="<?php echo $url; ?>" name="frm1" method="post">
<p>Please wait.......</p>
<input type="hidden" name="signature" value='<?php echo $signature; ?>'/>
<input type="hidden" name="orderNote" value='<?php echo $orderNote; ?>'/>
<input type="hidden" name="orderCurrency" value='<?php echo $orderCurrency; ?>'/>
<input type="hidden" name="customerName" value='<?php echo $customerName; ?>'/>
<input type="hidden" name="customerEmail" value='<?php echo $customerEmail; ?>'/>
<input type="hidden" name="customerPhone" value='<?php echo $customerPhone; ?>'/>
<input type="hidden" name="orderAmount" value='<?php echo $orderAmount; ?>'/>
<input type ="hidden" name="notifyUrl" value='<?php echo $notifyUrl; ?>'/>
<input type ="hidden" name="returnUrl" value='<?php echo $returnUrl; ?>'/>
<input type="hidden" name="appId" value='<?php echo $appId; ?>'/>
<input type="hidden" name="orderId" value='<?php echo $orderId; ?>'/>
<!-- <input type="hidden" name="adults" value='<?php $adults=$_POST['adults'];
echo $adults; ?>' />
<input type="hidden" name="children" value='<?php $children=$_POST['children'];
echo $children ?>' /> -->
</form>
</body>
</html>
```

## OUTPUT

# Response.php

```
<!DOCTYPE html>
```

```html
<html>
<head>
<title>Ticket Bookings </title>
<meta name="viewport" content="width=device-width, initial-scale=1">
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
<script src="https://ajax.googleapis.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js"></
script>
</head>
<body>
<h1 align="center">Ticket Booking Details</h1>


<?php
$secretkey = "4810e1a8b7bb21169e10561fe16677299a9384b6";
$orderId = $_POST["orderId"];
$orderAmount = $_POST["orderAmount"];
$referenceId = $_POST["referenceId"];
$txStatus = $_POST["txStatus"];
$paymentMode = $_POST["paymentMode"];
$txMsg = $_POST["txMsg"];
$txTime = $_POST["txTime"];
$signature = $_POST["signature"];
$data = $orderId.$orderAmount.$referenceId.$txStatus.$paymentMode.$txMsg.
$txTime;
$hash_hmac = hash_hmac('sha256', $data, $secretkey, true) ;
$computedSignature = base64_encode($hash_hmac);
$conn = new mysqli('localhost','root','','userregistraion');
if($conn->connect_error)
{
die('Connection failed : '.$conn->connect_error);
}
else
{
$stmt = $conn->prepare("insert into
bookings(orderId,orderAmount,referenceId,txStatus,paymentMode,txTime)
values(?,?,?,?,?,?)");
$stmt->bind_param("ssssss",$orderId,$orderAmount,$referenceId,$txStatus,
$paymentMode,$txTime);
$stmt->execute();


$stmt->close();
$conn->close();
}
```

```php
if ($signature == $computedSignature) {
?>
<div class="container">
<div class="panel panel-success">
<!-- <div class="panel-heading">Transaction Successful</div> -->
<div class="panel-body">
<!-- <div class="container"> -->
<table class="table table-hover">
<tbody>
<tr>
<td>Ticket ID</td>
<td><?php echo $orderId; ?></td>
</tr>
<tr>
<td>Ticket Amount</td>
<td><?php echo $orderAmount; ?></td>
</tr>
<tr>
<td>Reference ID</td>
<td><?php echo $referenceId; ?></td>
</tr>
<tr>
<td>Transaction Status</td>
<td><?php echo $txStatus; ?></td>
</tr>
<tr>
<td>Payment Mode </td>
<td><?php echo $paymentMode; ?></td>
</tr>
<tr>
<td>Message</td>
<td><?php echo $txMsg; ?></td>
</tr>
<tr>
<td>Transaction Time</td>
<td><?php echo $txTime; ?></td>
</tr>
</tbody>
</table>
<!-- </div> -->


</div>
</div>
<?
```

```php
<?php
if($txStatus == "FAILED")
{
echo "<div> <p style='color:red;'>Booking Unsuccessful, click back to try again!</p>
<a href= 'http://localhost/project/MainRoutes.php'><button style='padding:5px 20px;
border-radius:5px'>Back</button></a> </div>";
}if($txStatus == "SUCCESS")
{
echo "<div> <p style='color:green;'>Booking successful, click back to book
another</p>
<a href= 'http://localhost/project/MainRoutes.php'><button style='padding:5px 20px;
border-radius:5px'>Back</button></a> </div>";
}
?>
</div>
<?php
} else {
?>
<div class="container">
<div class="panel panel-danger">
<div class="panel-heading">Signature Verification failed</div>
<div class="panel-body">
<!-- <div class="container"> -->
<table class="table table-hover">
<tbody>
<tr>
<td>Ticket ID</td>
<td><?php echo $orderId; ?></td>
</tr>
<tr>
<td>Ticket Amount</td>
<td><?php echo $orderAmount; ?></td>
</tr>
<tr>
<td>Reference ID</td>
<td><?php echo $referenceId; ?></td>
</tr>
<tr>
<td>Transaction Status</td>
<td><?php echo $txStatus; ?></td>
</tr>
<tr>
<td>Payment Mode </td>
<td><?php echo $paymentMode; ?></td>
</tr>
```

```
<tr>
<td>Message</td>
<td><?php echo $txMsg; ?></td>
</tr>
<tr>
<td>Transaction Time</td>
<td><?php echo $txTime; ?></td>
</tr>
</tbody>
</table>
<!-- </div> -->
</div>
</div>
<div> <p style="color:red;">Booking Unsuccessful, click back to try again!</p> <a
href="http://localhost/project/MainRoutes.php"><button style="padding:5px 20px;
border-radius:5px">Back</button></a></div>
</div>
<?php
}
?>


</body>
</html>
```

# OUTPUT

## Ticket Booking Details

| | |
|---|---|
| Ticket ID | TXN43171 |
| Ticket Amount | 240.00 |
| Reference ID | 885605313 |
| Transaction Status | SUCCESS |
| Payment Mode | Wallet |
| Message | Transaction Successful |
| Transaction Time | 2022-09-20 15:43:58 |

Booking successful, click back to book another

Back

0

## Ticket Booking Details

| | |
|---|---|
| Ticket ID | TXN22911 |
| Ticket Amount | 50.00 |
| Reference ID | 885605334 |
| Transaction Status | FAILED |
| Payment Mode | NET_BANKING |
| Message | Your transaction has failed. |
| Transaction Time | 2022-09-20 15:46:38 |

Booking Unsuccessful, click back to try again!

Back

0

# Booking.php

```
<!DOCTYPE html>
<html>
<head>
<title>Booking history</title>
<!-- CSS only -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.min.css"
rel="stylesheet"
integrity="sha384-iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYaI1GyVh/UjpbCx/
TYkiZhlZB6+fzT" crossorigin="anonymous">
<link rel="icon" type="image/x-icon" href="favicon.ico">
</head>
<body>
<div>
<a href="http://localhost/project/MainRoutes.php" style="position:absolute; margin-
top:2%; margin-left:2%;"><button style="padding:5px 15px;border-
radius:4px;">Back</button><a> <h1 style="text-align:center ; top:0%">Booking
history</h1>
```

```html
</div>
<br>
<table class="table">
<thead>
<tr>
<th>Ticket Id</th>
<th>Ticket Amount</th>
<th>Reference Id</th>
<th>Transaction Status</th>
<th>Payment mode</th>
<th>Transaction time</th>
</tr>
</thead>
<tbody>
<?php
$con = new mysqli('localhost','root','','userregistraion');
if($con->connect_error)
{
die('Connection failed : '.$con->connect_error);
}
$sql = "select * from bookings order by txTime";
$result = $con->query($sql);
if(!$result)
{
die("Invalid query: " . $con->error);
}
while($row = $result->fetch_assoc())
{
echo "<tr>
<td>" .$row['orderId'] ."</td>
<td>" .$row['orderAmount'] ."</td>
<td>" .$row['referenceId'] ."</td>
<td>" .$row['txStatus'] ."</td>
<td>" .$row['paymentMode'] ."</td>
<td>" .$row['txTime'] ."</td>
</tr>";
}
?>
</tbody>
</table>
</body>
</html>
```

# OUTPUT

## Booking history

Back

| Ticket Id | Ticket Amount | Reference Id | Transaction Status | Payment mode | Transaction time |
|-----------|---------------|--------------|--------------------|--------------| -----------------|
| TXN89717 | 80 | none | SUCCESS | CASH | 2022-09-20 02:35:56.000000 |
| TXN82470 | 80 | none | SUCCESS | CASH | 2022-09-20 02:36:22.000000 |
| TXN63045 | 80 | none | SUCCESS | CASH | 2022-09-20 02:36:38.000000 |
| TXN26769 | 95 | none | SUCCESS | CASH | 2022-09-20 02:36:43.000000 |
| TXN22957 | 75 | none | SUCCESS | CASH | 2022-09-20 02:36:49.000000 |
| TXN91821 | 80 | none | SUCCESS | CASH | 2022-09-20 02:53:13.000000 |
| TXN72304 | 75 | none | SUCCESS | CASH | 2022-09-20 02:55:54.000000 |
| TXN59360 | 55 | none | SUCCESS | CASH | 2022-09-20 03:42:18.000000 |
| TXN51473 | 70 | none | SUCCESS | CASH | 2022-09-20 03:42:37.000000 |
| TXN90063 | 95 | none | SUCCESS | CASH | 2022-09-20 03:45:34.000000 |
| TXN23821 | 100.00 | 885604914 | SUCCESS | NET_BANKING | 2022-09-20 14:37:34.000000 |
| TXN71662 | 30.00 | 885605007 | SUCCESS | Wallet | 2022-09-20 14:44:34.000000 |
| TXN63088 | 15.00 | 885605040 | SUCCESS | Wallet | 2022-09-20 14:53:00.000000 |
| TXN43171 | 240.00 | 885605313 | SUCCESS | Wallet | 2022-09-20 15:43:58.000000 |

# Conclusion

This application provides Conductor to accepts payments from any online payment method as well as cash, can easily store ticket details passengers can pay for the ticket with any payment method available

Advantages :

1) A step towards digital India

2) No need to carry paper money to buy the ticket
3) contactless payment to avoid covid19
4) No fraud as we store each and every ticket in database
5) Every Penny goes straight to the government and no corruption
6) No need of keeping change for ticket
7) Effortless and Easy to use

# <span style="color:red">Future Enhancement</span>

- We Implement this in embedded systems which are using by the conductors

- In future we gonna add cryptocurrency as a payment method

# References

- https://www.w3schools.com
- https://www.youtube.com/watch?v=-f8N4FEQWyY

- https://stackoverflow.com/