حِيـــمِزِٱلَّرِ ٱلرَّحْمَ ٱللَّهِ بِيْــــمِ

International Islamic University Chittagong

Department of Computer Science and Engineering

PROJECT REPORT

Project Title:
TiffinTrolley - *Fresh Meals, Fast Wheels*
Team Name: Gremlin Storm

Student(s) Name :	**Abdullah Al Sakib (C233176)** **Md. Abtah Ul Zawad Arjon (C233185)** B. Sc. in CSE Department of Computer Science and Engineering (CSE) International Islamic University Chittagong
Course Teacher :	**Md. Warid Bin Azad** Adjunct Lecturer, Department of CSE, IIUC.

1.Introduction
The demand for fresh, healthy, and fast food delivery services has been growing exponentially in recent years. People increasingly look for meal solutions that save time without sacrificing quality. On the other hand, local food vendors often struggle to connect with customers in a streamlined, user-friendly way.TiffinTrolley, a web-based platform, aims to bridge this gap. It will provide a dynamic space where customers can find curated meal options tailored to their preferences, while food vendors can efficiently reach their target customers. The platform will ensure a secure, personalized, and seamless food delivery experience for both customers and vendors.

2.Project Overview
TiffinTrolley is an innovative front-end solution designed to connect users with reliable food delivery services. The platform emphasizes a user-friendly interface, personalized recommendations, and real-time delivery tracking to enhance the overall user experience.

3.Tools and Technologies
- Development Tools: HTML5, CSS3, JavaScript, React.js
- Design Tools: Figma, Adobe XD for UI/UX prototyping
- Frameworks: Bootstrap or Tailwind CSS for responsive design

4. Why We Chose This Project
- Addressing the rising demand for online food ordering solutions in Bangladesh.
- Providing an easy-to-use platform to connect customers with local restaurants.
- Supporting the growing e-commerce industry and improving accessibility.
- Encouraging job creation through delivery personnel hiring.
- Aligning with personal goals to innovate in the local food industry.
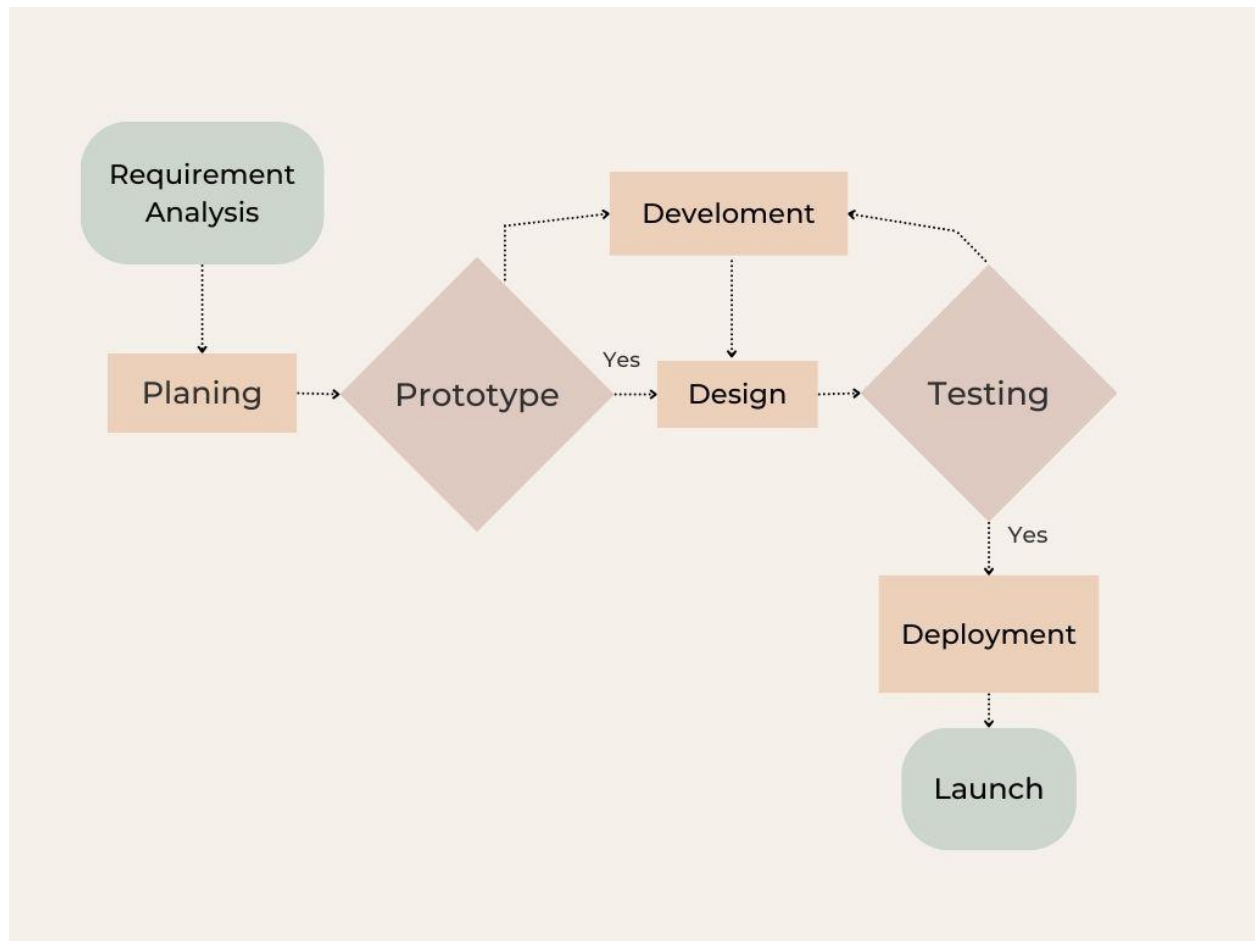
5. Benefits of React.js
- Component-based architecture allows for a dynamic and interactive user interface.
- Simplifies development with reusable components.
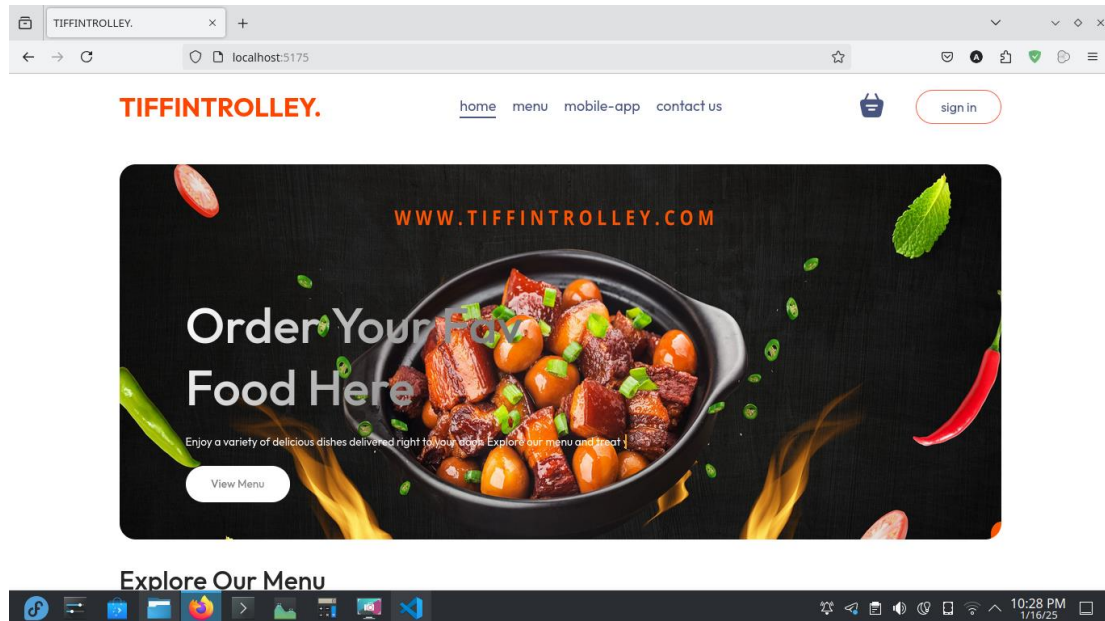- Ensures excellent performance and responsiveness for users.

6. Feature
- Designing and implementing the website's front-end interface.
- Integrating APIs for real-time order tracking and secure payment processing.
- Ensuring mobile-first design principles for enhanced accessibility.
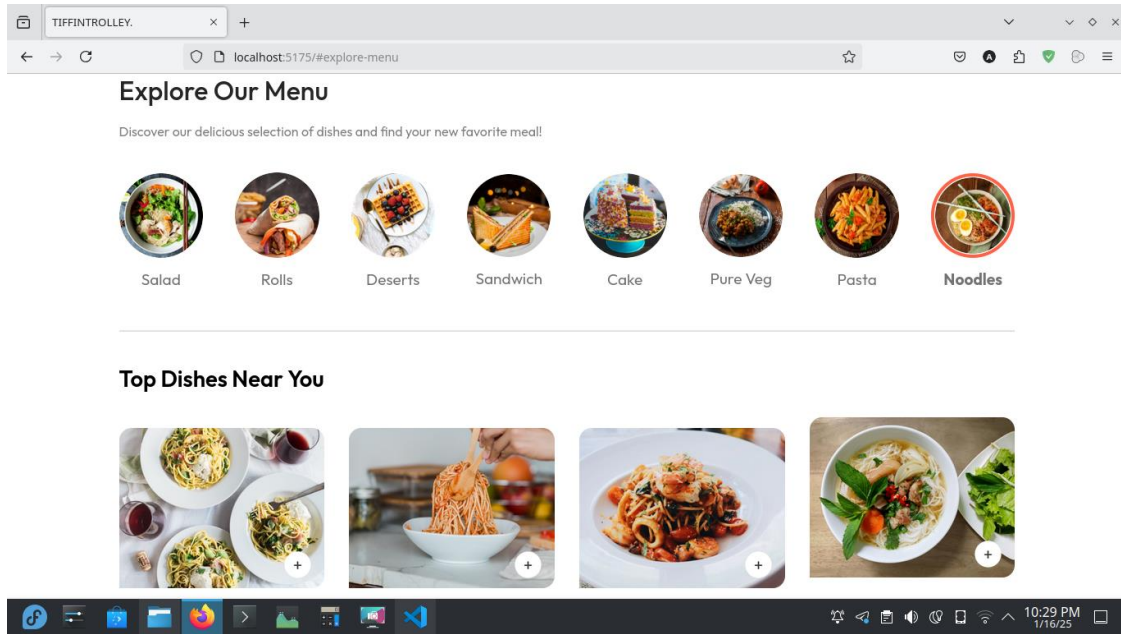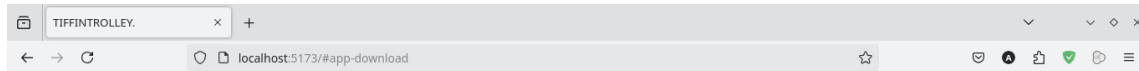- Testing and optimizing the website for speed and usability.
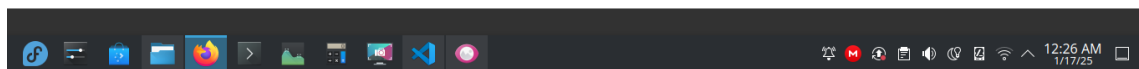
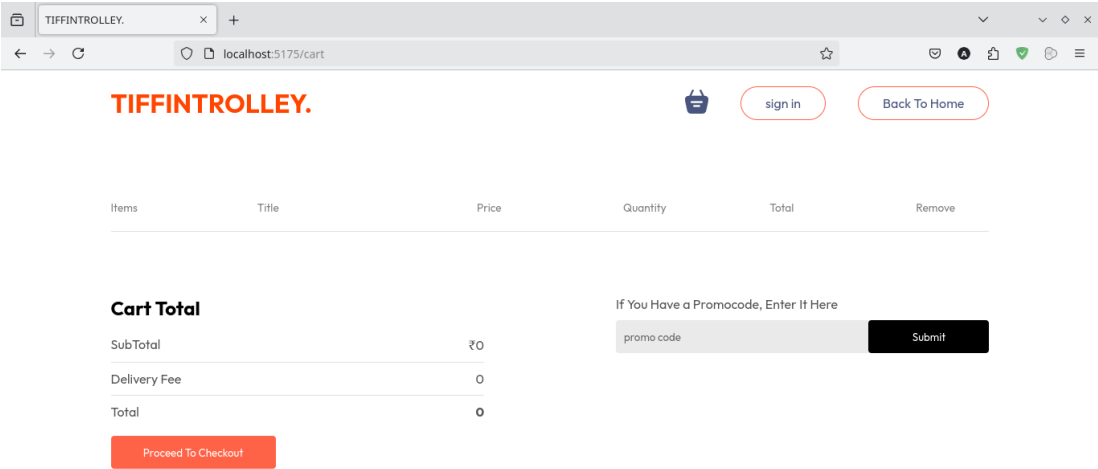## 7.FLOWCHART

8.Result & Code

NavBar And Home

Our Menu

DownLoad Our App

TIFFINTROLLEY.

sign in   Back To Home

Items	Title	Price	Quantity	Total	Remove

Cart Total

SubTotal	₹0
Delivery Fee	0
Total	**0**

Proceed To Checkout

If You Have a Promocode, Enter It Here

promo code   Submit

Cart

TIFFINTROLLEY.

Experience delicious food, delivered fast.

Company

Home
About Us
Delivery
Privacy Policy

Get In Touch

8810528980
tiffin_trolley@gmail.com

Copyright 2024 @ tiffintrolley.com - All Rights Reserved

Footer

Navbar

```jsx
import React, { useContext, useState } from "react";
import "./Navbar.css";
import { assets } from "../../assets/assets";
import { Link } from "react-router-dom";
import { StoreContext } from "../../context/StoreContext";

const Navbar = ({ setShowLogin }) => {
  const [menu, setMenu] = useState("home");
  const {getTotalCartAmount} = useContext(StoreContext);

  return (
    <div className="navbar" id="navbar">
      <Link to="/">
        {" "}
        {/* <img src={assets.logo} alt="" className="logo" /> */}
        <h1 className="navlogo">TIFFINTROLLEY.</h1>
      </Link>
      <ul className="navbar-menu">
        <Link
          to="/"
          onClick={() => setMenu("home")}
          className={menu === "home" ? "active" : ""}
        >
          home
        </Link>
        <a
          href="#explore-menu"
          onClick={() => setMenu("menu")}
          className={menu === "menu" ? "active" : ""}
```


App DownLoad

```jsx
import React from "react";
import "./AppDownload.css";
import { assets } from "../../assets/assets";

const AppDownload = () => {
  return (
    <div className='app-download' id="app-download">
      <p>
        For a Better Experience, Download <br />
        TIFFINTROLLEY App
      </p>
      <div className="app-download-platforms">
        <img src={assets.play_store} alt="Play Store" />
        <img src={assets.app_store} alt="App Store" />
      </div>
    </div>
  );
};

export default AppDownload;
```

Footer

```jsx
import React from "react";
import { assets } from "../../assets/assets";
import './Footer.css'

const Footer = () => {
  return (
    <div className="footer" id="footer">
      <div className="footer-content">
        <div className="footer-content-left">
          <h1 className="navlogo">TIFFINTROLLEY.</h1>
          <p>
          Experience delicious food, delivered fast.
          </p>
          <div className="footer-social-icons">
            <img src={assets.facebook_icon} alt="" />
            <img src={assets.twitter_icon} alt="" />
            <img src={assets.linkedin_icon} alt="" />
          </div>
        </div>
        <div className="footer-content-center">
          <h2>Company</h2>
          <ul>
            <a href="#navbar"><li>Home</li></a>
            <li>About Us</li>
            <li>Delivery</li>
            <li>Privacy Policy</li>
          </ul>
        </div>
        <div className="footer-content-right">
          <h2> Get In Touch</h2>
          <ul>
```


Cart

```jsx
import React, { useState,useContext } from "react";
import "./Cart.css";
import { StoreContext } from "../../context/StoreContext";
import { useNavigate } from "react-router-dom";
import { Link } from "react-router-dom";
import { assets } from "../../assets/assets";
import LoginPopup from "../../components/LoginPopup/LoginPopup";

const Cart = () => {
  const { cartItems, food_list, removeFromCart, getTotalCartAmount } =
    useContext(StoreContext);
  const [bhowLogin,betShowLogin]=useState(false);

  const navigate = useNavigate();

  return (
    <>
    {bhowLogin ? <LoginPopup setShowLogin={betShowLogin}/> : <></>}
      <div className="cart">
        <div className="cart-to-home navbar">
          <Link to="/">
            {" "}
            <h1 className="navlogo">TIFFINTROLLEY.</h1>
          </Link>
          <div className="navbar-right">
            <div className="navbar-search-icon">
              <Link to="/cart">
                <img src={assets.basket_icon} alt="" />
              </Link>
              <div className={!getTotalCartAmount() ? "" : "dot"}></div>
            </div>
```

Menu

9. Conclusion

TiffinTrolley is poised to revolutionize food delivery with its user-centric features and intuitive design. By focusing on personalization, reliability, and real-time engagement, the platform is expected to become a preferred choice for users.