To convert the HTML, JavaScript, and CSS files into a React app, follow these steps. I'll walk you through how to organize everything, then provide the React app structure based on your existing files.

Steps to Build the React App

1. **Install Node and Create React App:**
   If you haven't already, make sure you have Node.js installed. Then, create a new React app using the command:
   ```bash
   npx create-react-app techie-tummy
   ```

2. **Project Structure:**
   Your React project will have the following structure:

   ```
   techie-tummy/
   ├── public/
   │   ├── index.html
   │   └── assets/
   │       ├── images/
   │       └── fonts/
   ├── src/
   │   ├── App.js
   │   ├── components/
   │   │   ├── Header.js
   │   │   ├── Hero.js
   │   │   ├── Menu.js
   │   │   ├── Footer.js
   │   │   ├── ReservationForm.js
   │   │   └── Service.js
   │   ├── assets/
   │   │   └── css/
   │   │       ├── Header.css
   │   │       ├── Menu.css
   │   │       └── Footer.css
   │   ├── index.js
   └── package.json
   ```

1. **Setting Up the HTML Structure in React Components**
Convert your HTML code into reusable React components like `Header`, `Hero`, `Menu`, `Footer`, and `ReservationForm`. Here's an example of how to handle each:

`App.js`
```jsx
import React from "react";
import Header from "./components/Header";
import Hero from "./components/Hero";
import Menu from "./components/Menu";
import Service from "./components/Service";
import ReservationForm from "./components/ReservationForm";
import Footer from "./components/Footer";
```

```
import "./assets/css/style.css";

function App() {
  return (
    <div>
      <Header />
      <Hero />
      <Service />
      <Menu />
      <ReservationForm />
      <Footer />
    </div>
  );
}

export default App;
```

`Header.js`
```jsx
import React from "react";
import "./Header.css";

function Header() {
  return (
    <header className="header" data-header>
      <div className="container">
        <a href="#" className="logo">
          <img src="./assets/images/Logo.png" width="160" height="100" alt="techietummy home" />
        </a>
        <nav className="navbar" data-navbar>
          <ul className="navbar-list">
            <li><a href="#home" className="navbar-link">Home</a></li>
            <li><a href="#menu" className="navbar-link">Menu</a></li>
            <li><a href="#about" className="navbar-link">About Us</a></li>
            <li><a href="#reservation" className="navbar-link">Contact</a></li>
            <li><a href="#" className="navbar-link">Login</a></li>
          </ul>
        </nav>
        <a href="#reservation" className="btn btn-secondary">Reserve A Table</a>
      </div>
    </header>
  );
}

export default Header;
```

2. **Handling CSS**
You already have CSS for different components in the file you provided. Save those into their respective component CSS files.

`Header.css`
```css
.header {
  position: fixed;
  top: 0;
  left: 0;
  width: 100%;
  background-color: transparent;
  padding-block: 40px;
  z-index: 4;
  border-bottom: 1px solid transparent;
  transition: 250ms ease;
}

.header.active {
  padding-block: 20px;
  background-color: var(--eerie-black-4);
  border-color: var(--black-alpha-15);
}
```

Place the other CSS styles in their respective component files (e.g., `Menu.css`, `Footer.css`), using the same approach.

3. **JavaScript Functionality**
You can include the JavaScript you provided in `script.js` in `useEffect` hooks or in component-level event handlers.

For example, the **Navbar toggle** and **Hero slider** functionality can be added to the appropriate components.

Navbar Toggle in `Header.js`
```jsx
import React, { useState } from "react";
import "./Header.css";

function Header() {
  const [navActive, setNavActive] = useState(false);

  const toggleNavbar = () => {
    setNavActive(!navActive);
  };

  return (
    <header className={`header ${navActive ? "active" : ""}`} data-header>
      <div className="container">
        <a href="#" className="logo">
          <img src="./assets/images/Logo.png" width="160" height="100" alt="techietummy home" />
        </a>
        <nav className={`navbar ${navActive ? "active" : ""}`} data-navbar>
          <button onClick={toggleNavbar} className="nav-toggle">
            Toggle Menu
          </button>
          {/* Navbar items */}
```

```
        </nav>
      </div>
    </header>
  );
}

export default Header;
```

Hero Slider in `Hero.js`
```jsx
import React, { useState, useEffect } from "react";

function Hero() {
  const [currentSlide, setCurrentSlide] = useState(0);

  const slides = [
    { src: "./assets/images/hero-slider-1.jpg", text: "Debug your hunger here" },
    { src: "./assets/images/hero-slider-2.jpg", text: "Flavors Inspired by the Seasons" },
    { src: "./assets/images/hero-slider-3.jpg", text: "Where every flavor tells a story" },
  ];

  useEffect(() => {
    const interval = setInterval(() => {
      setCurrentSlide((prevSlide) => (prevSlide + 1) % slides.length);
    }, 7000);

    return () => clearInterval(interval);
  }, []);

  return (
    <section className="hero">
      <div className="slider">
        {slides.map((slide, index) => (
          <div key={index} className={`slider-item ${index === currentSlide ? "active" : ""}`}>
            <img src={slide.src} alt="hero slider" />
            <h1>{slide.text}</h1>
          </div>
        ))}
      </div>
    </section>
  );
}

export default Hero;
```

4. **Putting Images and Assets in Public Folder**
- Move your images (e.g., `hero-slider-1.jpg`, `Logo.png`) into the `public/assets/images/` folder.
- Move your fonts and other assets into the appropriate directories.

5. **Running the App**

Once all the components, CSS, and JavaScript have been integrated, run the app:
```bash
npm start
```

This will launch the app in your browser. The HTML content you provided will now be served via a modern React framework with reusable components and structured CSS and JavaScript.

Let me know if you need further details or clarifications!

Let's continue converting the remaining HTML sections into their corresponding React components. Here are the additional sections: **Service**, **Reservation Form**, **Menu**, and **Footer**.

1. **Service Component**

This section shows the different service cards like "Breakfast", "Cafe", and "Meals".

`Service.js`
```jsx
import React from "react";

function Service() {
  return (
    <section className="section service bg-black-10 text-center" aria-label="service">
      <div className="container">
        <h4 className="headline-1 section-title">Nothing Brings People <br /> Together Like Good Food</h4>
        <ul className="grid-list">
          <li>
            <div className="service-card">
              <a href="#">
                <figure className="card-banner img-holder">
                  <img src="./assets/images/service-1.jpg" alt="Breakfast" className="img-cover" />
                </figure>
              </a>
              <div className="card-content">
                <h3 className="title-4 card-title">
                  <a href="#">Breakfast</a>
                </h3>
                <h6>Kickstart your day with a healthy breakfast</h6>
                <a href="#" className="btn-text hover-underline label-2">View Menu</a>
              </div>
            </div>
          </li>
          <li>
            <div className="service-card">
              <a href="#">
                <figure className="card-banner img-holder">
                  <img src="./assets/images/service-2.jpg" alt="Cafe" className="img-cover" />
                </figure>
```

```
            </a>
            <div className="card-content">
              <h3 className="title-4 card-title">
                <a href="#">Cafe</a>
              </h3>
              <h6>Take a small coffee break</h6>
              <a href="#" className="btn-text hover-underline label-2">View Menu</a>
            </div>
          </div>
        </li>
        <li>
          <div className="service-card">
            <a href="#">
              <figure className="card-banner img-holder">
                <img src="./assets/images/service-3.jpg" alt="Meals" className="img-cover" />
              </figure>
            </a>
            <div className="card-content">
              <h3 className="title-4 card-title">
                <a href="#">Meals</a>
              </h3>
              <h6>Delicious meals happy minds</h6>
              <a href="#" className="btn-text hover-underline label-2">View Menu</a>
            </div>
          </div>
        </li>
      </ul>
    </div>
  </section>
 );
}

export default Service;
```

2. **Reservation Form Component**

This section handles the reservation form where users can input their details.

`ReservationForm.js`
```jsx
import React from "react";

function ReservationForm() {
 return (
  <section className="reservation" id="reservation">
   <div className="container">
    <div className="form reservation-form bg-black-10">
     <form action="" className="form-left">
      <h2 className="headline-1 text-center">Online Reservation</h2>
      <p className="form-text text-center">Fill out the order form</p>
      <div className="input-wrapper">
```

```
            <input type="text" name="name" placeholder="Your Name" autocomplete="off" className="input-field" />
            <input type="tel" name="phone" placeholder="Your Phone Number" autocomplete="off"
className="input-field" />
          </div>
          <div className="icon-wrapper">
            <ion-icon name="chevron-down"></ion-icon>
            <select name="person" className="input-field">
              <option value="1-person">1 Person</option>
              <option value="2-person">2 Person</option>
              <option value="3-person">3 Person</option>
              {/* Add remaining options */}
            </select>
          </div>
          <div className="icon-wrapper">
            <input type="date" name="reservation-date" className="input-field" />
          </div>
          <div className="icon-wrapper">
            <select name="time" className="input-field">
              <option value="08:00am">08 : 00 am</option>
              <option value="09:00am">09 : 00 am</option>
              {/* Add remaining options */}
            </select>
          </div>
          <button type="submit" className="btn btn-secondary">
            <span className="text text-1">Book A Table</span>
          </button>
        </form>
        <div className="form-right text-center">
          <h2 className="headline-1 text-center">Contact Us</h2>
          <p className="contact-label">Booking Request</p>
          <p className="body-4">
            <a href="tel:+91 8919427309">+91 8919427309</a>
          </p>
          <p className="contact-label">Location</p>
          <address className="body-4">Embassy tech village, <br />Bangalore City</address>
          {/* Add remaining content for Break, Lunch, and Dinner times */}
        </div>
      </div>
    </div>
  </section>
 );
}

export default ReservationForm;
```

3. **Menu Component**

The menu section shows the list of items available at the restaurant.

`Menu.js`
```jsx
```

```jsx
import React from "react";

function Menu() {
  return (
    <section className="section menu" aria-label="menu-label" id="menu">
      <div className="container">
        <h2 className="headline-1 section-title text-center">Delicious Menu</h2>
        <ul className="grid-list">
          <li>
            <div className="menu-card hover:card">
              <figure className="card-banner img-holder">
                <img src="./assets/images/menu-1.jpg" alt="Scrambled egg with Avocado toast" className="img-cover" />
              </figure>
              <div>
                <h3 className="title-3">
                  <a href="#" className="card-title">Scrambled egg with Avocado toast</a>
                </h3>
                <span className="span title-2">₹250</span>
                <p className="card-text label-1">Fluffy scrambled eggs on crispy avocado-topped toast, garnished with fresh herbs and sea salt.</p>
              </div>
            </div>
          </li>
          {/* Add other menu items similarly */}
        </ul>
        <a href="#" className="btn btn-primary">
          <span className="text text-1">View All Menu</span>
        </a>
      </div>
    </section>
  );
}

export default Menu;
```

4. **Footer Component**

This section includes the footer with contact details and navigation links.

`Footer.js`
```jsx
import React from "react";

function Footer() {
  return (
    <footer className="footer section has-bg-image text-center">
      <div className="container">
        <div className="footer-top grid-list">
          <div className="footer-brand has-before has-after">
            <a href="#" className="logo">
              <img src="./assets/images/Logo.png" alt="techietummy home" />
```

```
          </a>
          <address className="body-4">Embassy tech village, Bangalore city</address>
          <a href="mailto:techietummy@restaurant.com" className="body-4
contact-link">techietummy@restaurant.com</a>
          <a href="tel:+91 8919427309" className="body-4 contact-link">Booking Request : +91 8919427309</a>
          <p className="body-4">Open : 08:00 am - 10:00 pm</p>
        </div>
        <ul className="footer-list">
          <li><a href="#" className="label-2 footer-link">Home</a></li>
          <li><a href="#menu" className="label-2 footer-link">Menu</a></li>
          <li><a href="#about" className="label-2 footer-link">About Us</a></li>
          <li><a href="#reservation" className="label-2 footer-link">Contact</a></li>
        </ul>
        <ul className="footer-list">
          <li><a href="#" className="label-2 footer-link">Facebook</a></li>
          <li><a href="#" className="label-2 footer-link">Instagram</a></li>
          <li><a href="#" className="label-2 footer-link">Twitter</a></li>
          <li><a href="#" className="label-2 footer-link">Youtube</a></li>
          <li><a href="#" className="label-2 footer-link">Google Map</a></li>
        </ul>
      </div>
    </div>
  </footer>
 );
}

export default Footer;
```

Final Thoughts
1. **Images & Assets**: Make sure to add your images in `public/assets/images/` and other assets in their appropriate folders.
2. **Styling**: Integrate your

Let's continue and complete the remaining React components and ensure all HTML content you provided is transformed into the React structure. We'll finish the **Back to Top** button and link your JavaScript functionality, ensuring the React app mirrors the original functionality from the HTML, CSS, and JavaScript you provided.

5. **Back to Top Button Component**

This component allows users to scroll back to the top when clicked.

`BackToTopButton.js`
```jsx
import React, { useState, useEffect } from "react";
import { IoChevronUpOutline } from "react-icons/io5"; // ionicon alternative

function BackToTopButton() {
  const [isVisible, setIsVisible] = useState(false);
```

```
  useEffect(() => {
    const toggleVisibility = () => {
      if (window.scrollY > 300) {
        setIsVisible(true);
      } else {
        setIsVisible(false);
      }
    };

    window.addEventListener("scroll", toggleVisibility);
    return () => window.removeEventListener("scroll", toggleVisibility);
  }, []);

  const scrollToTop = () => {
    window.scrollTo({
      top: 0,
      behavior: "smooth",
    });
  };

  return (
    isVisible && (
      <a href="#top" className="back-top-btn" onClick={scrollToTop} aria-label="back to top">
        <IoChevronUpOutline />
      </a>
    )
  );
}

export default BackToTopButton;
```

6. **Including the `BackToTopButton` in `App.js`**

Now, import and use the `BackToTopButton` component in your `App.js` file:

Updated `App.js`
```jsx
import React from "react";
import Header from "./components/Header";
import Hero from "./components/Hero";
import Service from "./components/Service";
import Menu from "./components/Menu";
import ReservationForm from "./components/ReservationForm";
import Footer from "./components/Footer";
import BackToTopButton from "./components/BackToTopButton";
import "./assets/css/style.css";  // Global styles

function App() {
  return (
    <div>
      <Header />
```

```
      <Hero />
      <Service />
      <Menu />
      <ReservationForm />
      <Footer />
      <BackToTopButton />
    </div>
  );
}

export default App;
```

7. **JavaScript Functionality (JS Code Integration)**

You provided JavaScript for preloading, navbar toggling, and other interactions. In React, these should be placed inside `useEffect` or event handlers to manage the component lifecycle effectively.

Example: **Navbar Toggle (Enhanced in Header.js)**

Instead of adding event listeners directly, use state and hooks to control UI toggling. This has been added in the `Header.js` component earlier.

Auto-Hero Slider (JS)

We previously included the hero slider in the `Hero.js` file. Here's a review of how the auto-slider works in React (already covered in `Hero.js` but re-iterated):

```jsx
useEffect(() => {
  const interval = setInterval(() => {
    setCurrentSlide((prevSlide) => (prevSlide + 1) % slides.length);
  }, 7000);

  return () => clearInterval(interval);
}, []);
```

This ensures that the hero slider moves automatically every 7 seconds as per your JavaScript logic.

Parallax Effect (JS)

Similarly, you can use `useEffect` to handle the parallax effect by updating the positions of elements on mouse movement. For example:

Parallax Effect in `Hero.js`
```jsx
useEffect(() => {
  const handleMouseMove = (event) => {
    const x = (event.clientX / window.innerWidth) * 10 - 5;
    const y = (event.clientY / window.innerHeight) * 10 - 5;
    // Handle parallax logic here
```

```
  };

  window.addEventListener("mousemove", handleMouseMove);
  return () => window.removeEventListener("mousemove", handleMouseMove);
}, []);
```

8. **Linking External Assets**

You mentioned Google fonts, Ionicons, and custom styles. Here's how to include them:

- **Google Fonts**: Add this link to the `public/index.html` head section:
  ```html
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link href="https://fonts.googleapis.com/css2?family=DM+Sans:wght@400;700&family=Forum&display=swap"
rel="stylesheet">
  ```

- **Ionicons**: You can replace these with `react-icons` equivalents, or you can load them in `index.html`:
  ```html
  <script type="module" src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.esm.js"></script>
  <script nomodule src="https://unpkg.com/ionicons@5.5.2/dist/ionicons/ionicons.js"></script>
  ```

9. **Final Steps**

1. **Move Assets**: Place all your images in `public/assets/images/`. Ensure paths in your components reflect this, for example:
   ```jsx
   <img src="./assets/images/Logo.png" alt="techietummy logo" />
   ```

2. **Install Dependencies**:
   Make sure to install any missing dependencies:
   ```bash
   npm install react-icons
   ```

3. **Run the App**:
   Once everything is set up, run the app:
   ```bash
   npm start
   ```

Conclusion

Now your React app will replicate the structure and functionality from the HTML, CSS, and JS files you provided. If any part of the setup needs further customization or if you encounter any issues, feel free to ask!