Project Report
Project Title: Miss Ginko

● Generic Page:

1. **Project Overview:**
   Miss '**Ginko'** is a modern and stylish bar and restaurant website designed to offer visitors a seamless browsing experience. The website features an elegant menu, photo gallery and event highlights all crafted to engage customers and promote the business effectively.

2. **Features:**
   Here are the some important features:
   - ❖ **Landing Page** with smooth scroll

   - ❖ **Food & Drinks Menu**

   - ❖ **Gallery Section** (photos of ambiance and dishes)

   - ❖ **Event Section** for upcoming happenings

   - ❖ **Contact Form**

   - ❖ **Fully Responsive** (mobile, tablet, desktop)

3. **Technologies Used:**
   Here are the technologies we used for making this webpage:

   Frontend:

   - ● React Js

   - ● Tailwind CSS

4. **Setup Instructions:**
   - ❖ **Local Setup:**

      A. Download or clone the repository,

      B. Unzip the folder if downloaded as a **.zip**,

      C. Open the project folder in your preferred code editor like VS Code,

   - ❖ **Server Setup:**

A. Then open the terminal in your VS Code,

B. Then install the dependencies if not installed for installing the dependencies we have to run in

the terminal:

`npm install`

C. Then we have to run the server using this command:

`npm run dev`

5. **Folder Structure:**

```
.vite/              # Vite setup files (if React + Vite used)

public/             # Static files (images, icons, etc.)

src/
 ├── assets/        # Image assets
 ├── components/    # Reusable components (Menu, Navbar, Footer, etc.)
 ├── pages/         # Different page sections (Home, About, Events, etc.)
 ├── styles/        # CSS or Tailwind styling
 ├── App.jsx        # Main React app file (if using React)
 └── main.jsx       # React app mount point (if using React)

index.html          # Root HTML (for React single-page apps)

package.json        # Project metadata and scripts (if React/Node project)

README.md           # Project documentation
```

6. **References:**
   ❖ **Images or video:** Pexels,
   ❖ **Icons:** FontAwesome

● SRS - Software Requirements Specification:

Section	Description
1. Introduction	This document defines the requirements for the "Miss Ginko" Bar & Restaurant Website. The system will allow customers to view the menu, gallery, events.

2. Purpose	Provide an online platform for customers to explore the restaurant's offerings and reserve tables efficiently.
3. Scope	Website will feature Menu, Events Section, Gallery section and optimized for all devices.
4. Target Users	Customers who want to know the menus and events at Miss Ginko.
5. Overall Description	It is build with React Js and Tailwind CSS and also it is mobile responsive and smooth UI.
6. Functional Requirements	- View Menu, - Book table with Pop up, - Contact Form - View events
7. Non-Functional Requirements	- Load time is very quick - Responsive design - Modern UI - Smooth Transitions and animations
8. Constraints	- Must work on all major browsers - Use Tailwind CSS

- **Framework:**

| Miss Ginko | HOME ABOUT MENU GALLERY EVENTS CONTACTS | BOOK TABLE |

HOME

ABOUT

GALLERY

| IMAGE 1 | IMAGE 2 | IMAGE 3 |
| IMAGE 1 | IMAGE 2 | IMAGE 3 |

EVENTS

| EVENT 1 | EVENT 1 | EVENT 1 |

REVIEWS

| REVIEW 1 | REVIEW 2 | REVIEW 3 |

CONTACT US

Name   Email

Message

Submit Button

MAP

BASIC DETAILS   CONTACT INFORMATION   SOCIAL MEDIA LINK

● **Logical Points:**

Logical Problem	How it was solved
1. How to organize multiple pages like Menu, about, Events pages without refreshing the webpage?	Used client side rendering means no page reloads when browsing Menu, About, Events. Only the content inside the section updates dynamically.
2. How to make the site super fast on mobile and desktop?	- Compressed all images (JPEG) - Used Tailwind CSS to avoid writing too much CSS - Used Vite for fast build and development
3. How to make Navbar and Menu accessible on all screen sizes?	Designed a responsive navigation bar that converts into a Hamburger Menu on mobile devices using Tailwind CSS.
4. How to smoothly animate modals and section?	Used Framer Motion to animate pop ups and sections fading into view, providing a smooth UX.
5. How to maintain a clean folder structure for big project?	Divide project into `components/,pages/, assets/ and styles/` folders. Each logical part like Menu, Events, Gallery etc. are separated for better readability and easy maintenance.

● **Daily Work update:**

Day	Task
Day 1	Setup project with React js + vite and folder structure
Day 2	Build a basic navbar and main landing page
Day 3	Build the about page, Menu page and gallery section
Day 4	Build Event, Reviews, Contact and footer section
Day 5	Build the Book Seat popup modal
Day 6	Improve the UI for responsiveness and fix the UI bugs

● **Research:**

Before developing the Miss Zinko Bar and Restaurant website, research focused on user behavior, competitor analysis, technology selection, and design standards. Studies showed that a fast, mobile-friendly site with quick menu access and a simple booking system is critical for customer engagement. Competitor websites inspired the use of modal popups and one-page layouts for smoother UX. Technologies like Tailwind CSS, Vite, and MongoDB (or EmailJS) were selected for efficiency and flexibility. Overall, the research guided the project to deliver a modern, elegant, and highly responsive restaurant website that meets both business and customer needs.

● **File Maintaining:**

Folder Name	Purpose	Naming Example
`assets/`	Images and static files	`burger.jpg`, `cocktail.png`
`components/`	Reusable components	`Navbar.jsx`, `Footer.jsx`
`styles/`	CSS/Tailwind files	`main.css`, `menu.css`
`public/`	Static files accessed by browser	favicon.ico

● **Use Manual Breakdown:**

Step	Action
1	Open website (desktop or mobile)
2	Navigate using navbar links (Home, Menu, Offers, Events, Contact)
3	Click "View Menu" to open popup and browse items
4	Browse Offers or Gallery for promotions and photos