

TASK NAME : PAYTM CLONE
PROJECT NAME : NUTHAN WALLET
NAME : SAHUKARA NUTHAN KUMAR

ABSTRACT

Nuthan Wallet is a web-based financial management application developed using HTML, CSS, Bootstrap, and AJAX technologies. This application provides users with a convenient and user-friendly platform to manage their finances, recharge, bill payments.

OVERVIEW OF PROJECT

Nuthan Wallet project aims to create a static web page for a digital wallet application. This web page will allow users to view their account balance, transaction history, and perform basic wallet operations.

HTML(Hyper Text Markup Language):

- Create the basic structure of the web page using HTML. This includes defining the layout, header, navigation bar, and content areas.
- Create forms and input fields to allow users to input wallet-related information such as transaction amounts and recipients.

CSS (Cascading Style Sheets):

- Apply CSS styling to make the web page visually appealing and user-friendly. Use CSS to define fonts, colors, spacing, and overall layout.
- Ensure that the web page is responsive, so it looks good on various screen sizes and devices.

Bootstrap:

- Utilize Bootstrap, a popular front-end framework, to streamline the design and add pre-built components like buttons, forms, and modals.
- Bootstrap can help you create a consistent and mobile-friendly user interface.

Ajax:

- Implement Ajax for dynamic functionality within your static web page. For instance, you can use Ajax to:
- Fetch and display the user's wallet balance without requiring a page refresh.
- Send transaction requests to the server and update the transaction history section with the response.

Functionality:

User Registration/Login:

Allow users to create accounts or log in to existing ones (this may require server-side scripting, not part of the static page).

View Account Balance:

Display the user's wallet balance on the web page.

Transaction History:

Show a list of recent transactions with details like date, transaction type, and amount.

Send/Receive Funds:

Provide forms or buttons for users to send funds to others or receive funds from others. Use Ajax to handle these transactions without reloading the page.

Responsive Design:

Make sure the web page is accessible and looks good on various devices, including desktops, tablets, and mobile phones.

Remember that this is a simplified overview, and the actual implementation may require additional considerations and features based on your project's specific requirements and goals. Additionally, for any server-side functionality like user registration and transaction processing, you would need a backend component, which is beyond the scope of a static web page.

WHY DO YOU CHOOSE THE TASK ?

I chose this task because I am a Java Full Stack Developer. I have experience in both the programming and front-end parts, which are essential for managing full-stack development. I focus on both the programming and front-end development because I have a good understanding of the programming aspect, so I decided to work on this task.

OBJECTIVE OF THE PROJECT

The objective of the project "Nuthan Wallet" appears to be the creation of a static web page using HTML, CSS, Bootstrap, and AJAX. Here's a breakdown of the possible goals and objectives for this project:

Create a Wallet Interface: Design a user-friendly interface for a digital wallet, which can be used to manage and view financial transactions, account balance, and other wallet-related activities.

HTML Structure: Develop the basic structure of the web page using HTML. This includes defining the layout, sections, and elements needed for the wallet application.

Styling with CSS: Apply styles and layout formatting to make the web page visually appealing and responsive. Ensure that the design aligns with the branding and user experience requirements.

Bootstrap Integration: Utilize Bootstrap, a popular front-end framework, to enhance the responsiveness and design consistency of the web page. Bootstrap provides pre-designed components and grid systems that can be customized as needed.

AJAX Functionality: Implement AJAX (Asynchronous JavaScript and XML) to enable dynamic interactions with the web page without requiring a full page refresh. This could involve real-time updates of wallet balances, transaction history, or other data.

Transaction Management: Incorporate features for users to perform transactions, such as transferring funds, checking transaction history, and viewing account details.

User Authentication : If the wallet requires user authentication, add the necessary forms and logic to allow users to sign in securely.

Optimization: Optimize the web page for performance and load times to ensure a smooth user experience.

The specific objectives and scope of the project may vary depending on the requirements and goals set by the development team or stakeholders. The "Nathan Wallet" project aims to create a functional and visually appealing digital wallet interface using a combination of HTML, CSS, Bootstrap, and AJAX technologies.

DEVELOPMENT AND DESIGN PROCEDURE OF THE PROJECT

Environment and Technical Requirements:

- Front end Technology : HTML,CSS and Java Script
- Operating System : Any OperationSystem like Windows.
- Softwares : VisualStudio

Hardware Requirements: The most common set of requirements defined by any operating system or software application is the physical computer resources, also known as hardware. The following subsections discuss the various aspects of hardware requirements. Hardware Requirements for Present Project.

- Processor : Intel i3
- Processor Speed : 2.0 GHz
- Hard Disk : 512GB
- RAM : 8GB

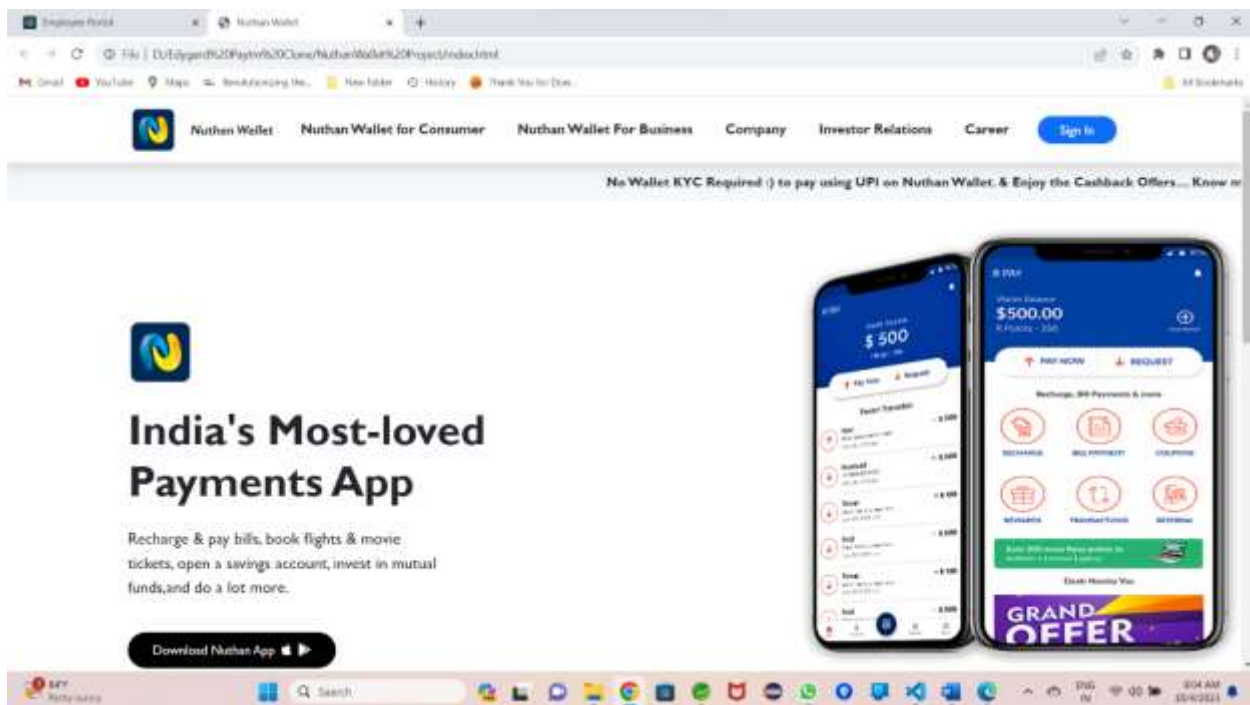
Software Requirements: Software Requirements deal with defining software resource requirements and prerequisites that need to be installed on a computer to provide optimal functioning of an application. These requirements or pre-requisites are generally not included in the software installation package and need to be installed separately before the software is installed.

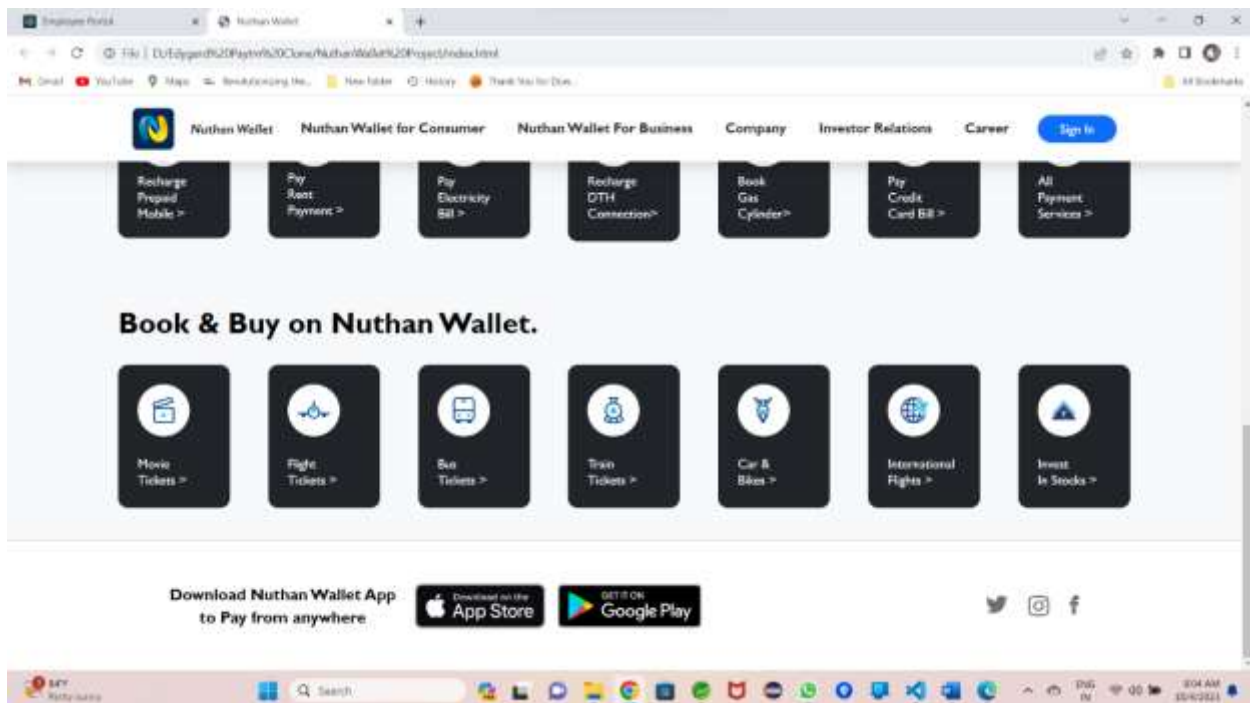
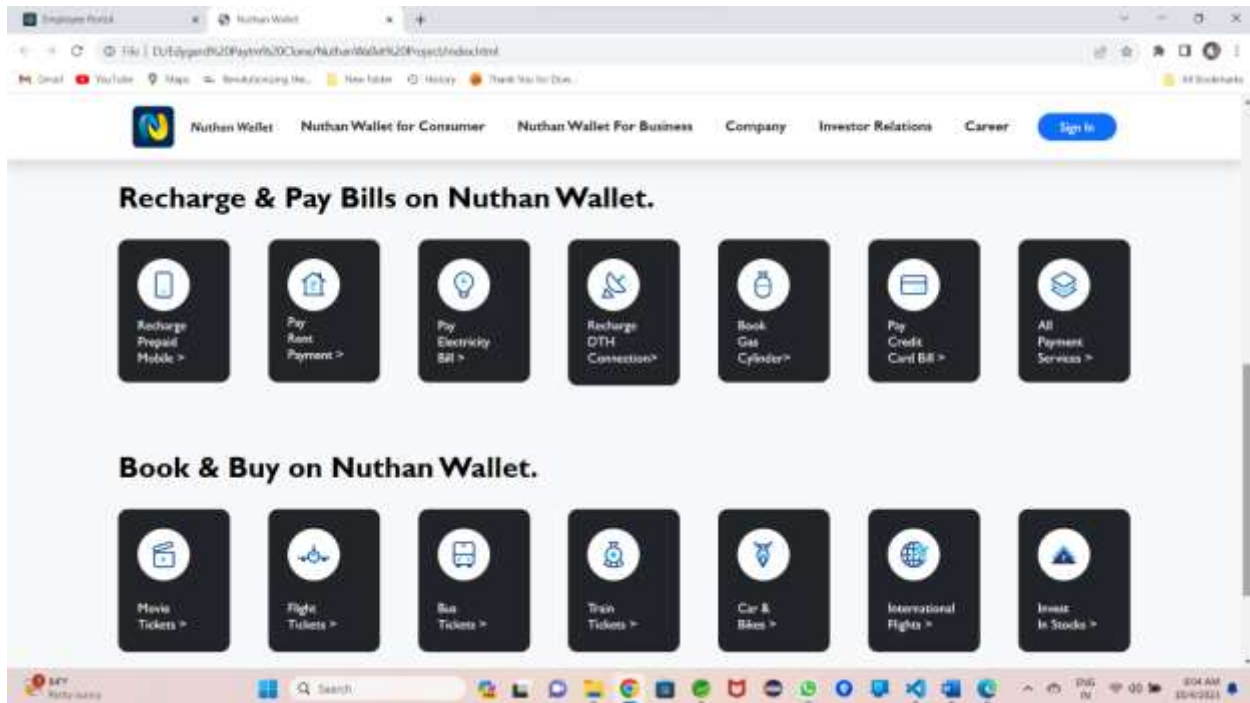
- Frontend : HTML, CSS, Bootstrap,Ajax
- Workbench : Visual studio code Text Editor

PROCEDURE OF THE PROJECT:

- Nuthan wallet is Static page design which have basic front-end tool like HTML, CSS, Bootstrap, Ajax
- First we Need to open the visual Studio IDE .
- Create the Index.html in Folder file
- I have linked the CDN code of the Bootstrap, Ajax in the Head Tag.
- In Html page of Body tag Header section I created the Nav Bar with help of CSS, Bootstrap, Ajax for the Style of Nav bar.
- In Nav Bar We have the linked Log of the company, NavBar Items ,Sign in button which are fixed on the top of the project application while scrolling page also it will displayed at the Top of the application.
- After NavBar section I have the used Marquee tag Move the text from right to left continuous
- And After I created the Website overall data and image of the application by us img tag.
- By using the Bootstrap and Ajax I have create the card section and linked card items like recharge, DTH etc..
- In Html Page of Body tag I have footer section which is created for Download link of AppStore and Play Store. And having the Social media Links of right side of Footer Section.

PROJECT SCREENSHOT:





CONCLUSION:

A static web page is a type of web page that displays fixed content to users and does not change dynamically based on user interactions or input. In conclusion, static web pages have several characteristics and advantages like Simplicity, Speed, Cost-Effective, Security, Reliability.