

Conceptual Framework

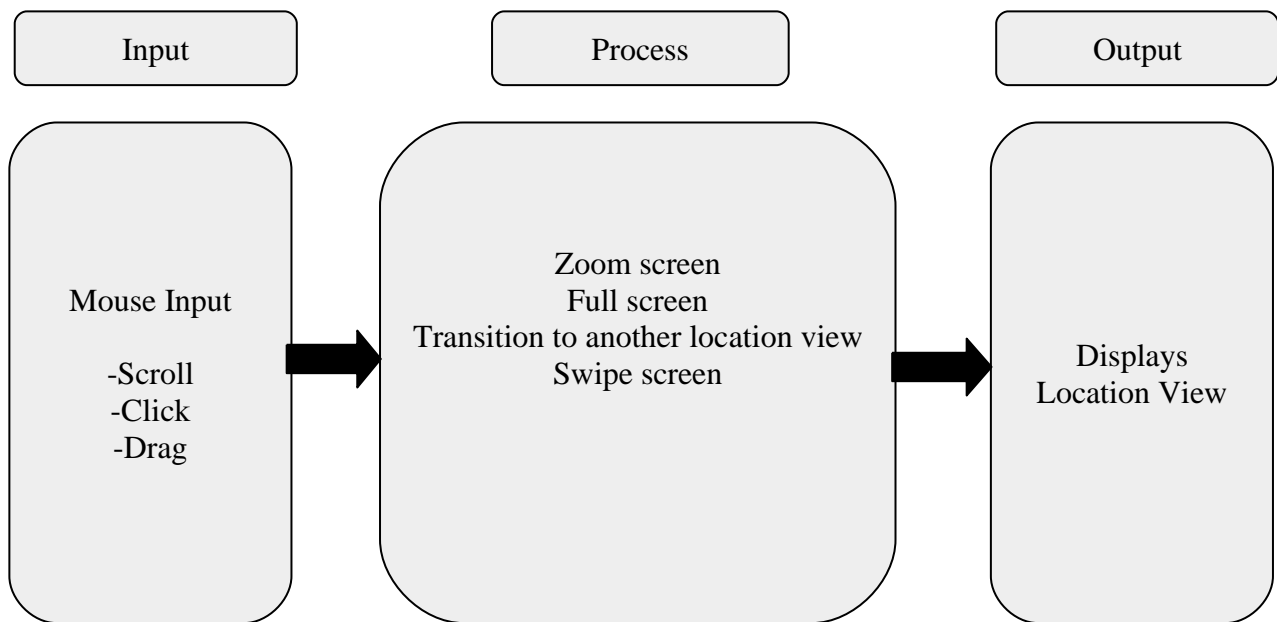






Figure 1.1 Conceptual Framework

The Conceptual Framework outlines how the system functions through input, process, and output. Users interact using mouse inputs such as scroll, click, and drag, which trigger various actions. These actions include zooming in and out, switching to full-screen mode, transitioning between different location views, and swiping for smooth navigation. The system processes these inputs and displays the corresponding Location View, providing an interactive and immersive experience.

Tech Stack

	HTML It is the backbone of the webpage, providing the structural foundation for all elements, including text, images, buttons, and interactive components. It ensures that content is properly organized and accessible across different devices.
	CSS Used to enhance the visual appeal and user experience (UI/UX) of the website. It defines styles, layouts, animations, and responsive design elements, ensuring a seamless and visually engaging interface across various screen sizes.
	JavaScript JavaScript brings interactivity and dynamic functionality to the website. It enables user interactions, event handling, animations, and real-time content updates, ensuring a smooth and immersive experience for visitors.
	Vercel A hosting platform for deploying the completed version of the website.
Libraries	<ul style="list-style-type: none">• Panolens.js – JavaScript library specifically designed for rendering and interacting with 360° panorama images. It enhances the virtual tour experience by allowing users to explore panoramic views with features such as zoom, rotation, and navigation controls.

Flowchart

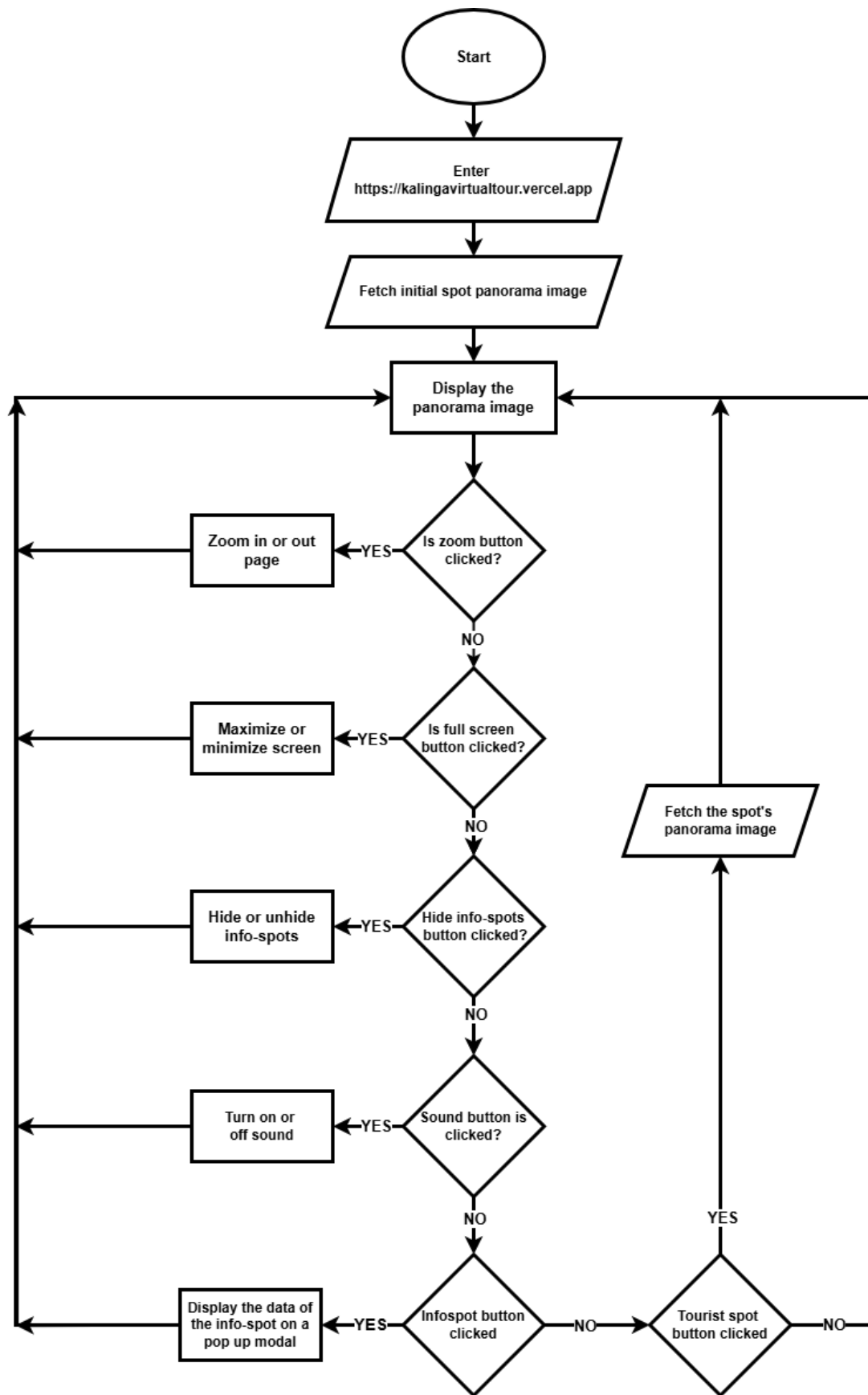


Figure 1.2 System Flowchart