Faculty of Economics and Management

Internet Technology Client Side

Project
Tea Garden Valley

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1 Introduction

The Tea Garden Valley Initiative is a responsive web-based platform designed to guide tourists, explorers, and adventure seekers through the natural beauty and cultural richness of Sreemangal, the Tea Capital of Bangladesh. The website highlights the region's stunning landscapes, historical landmarks, eco-tourism attractions, and travel resources to enhance the visitor experience.

The platform serves three core purposes:

1. Informing travelers about famous destinations, transportation options, accommodation facilities, tea gardens, wildlife, and local culture.

2. Helping tourists plan complete journeys, from trip preparation to on-site exploration, using a visually engaging layout and easy navigation.

3. Allowing visitors to share their travel experiences through blog posts and user-generated content (future backend phase).

The website is designed to be fully responsive, ensuring accessibility across desktop, tablet, and mobile devices. It aims to become a modern, fast-loading, and user-friendly tourism hub for Sreemangal.

2 Idea, Purpose, and Mission

2.1 Idea

The main idea is to build a clean, visually appealing, and information-rich tourism platform that presents Sreemangal as one of the most attractive destinations in Bangladesh, especially for tea tourism and nature-oriented travel.
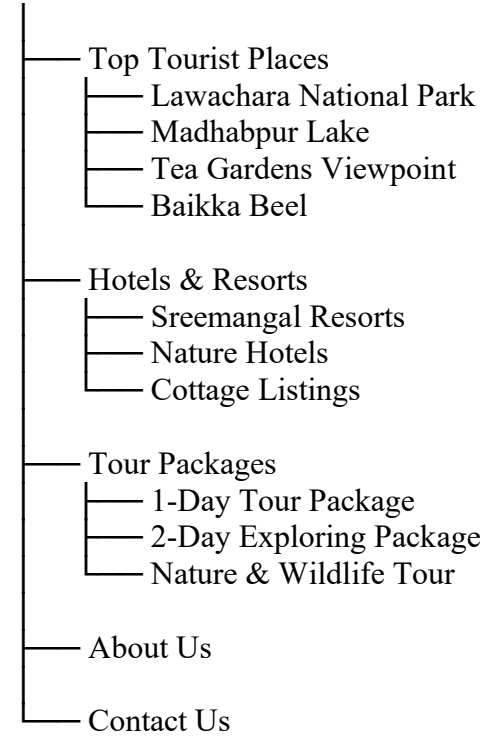
2.2 Purpose

- Provide structured travel information for local and international tourists.
- Highlight important tourist spots using high-quality images and clean UI.
- Offer an easy-to-navigate platform to discover accommodations, restaurants, itineraries, and guides.
- Support future scalability including blog posts, user registrations, admin updates, etc.
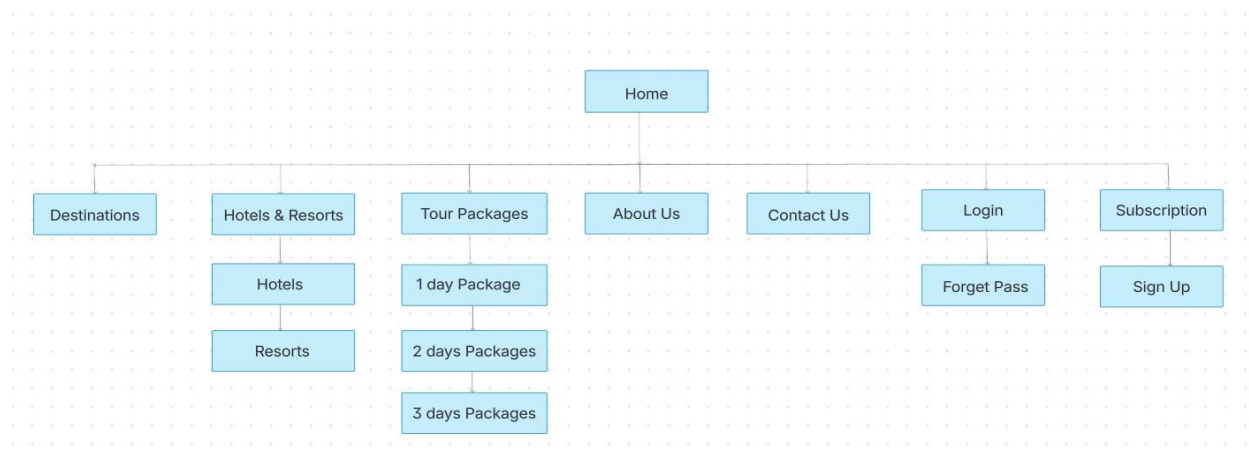
2.3 Mission

To showcase Sreemangal's beauty while enhancing the digital tourism experience through a modern, responsive, and reliable front-end system that can later evolve into a complete tourism management platform.
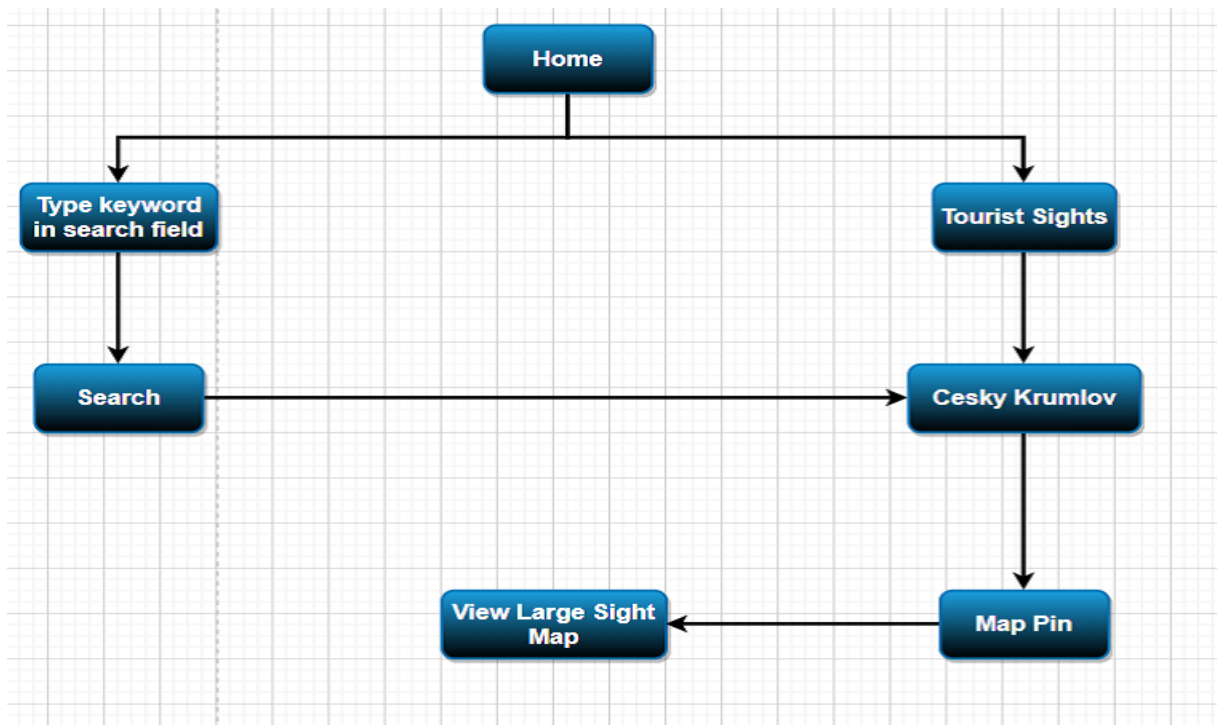
3 SiteMap

```
Home
│
├──── Top Tourist Places
│        ├── Lawachara National Park
│        ├── Madhabpur Lake
│        ├── Tea Gardens Viewpoint
│        └── Baikka Beel
│
├──── Hotels & Resorts
│        ├── Sreemangal Resorts
│        ├── Nature Hotels
│        └── Cottage Listings
│
├──── Tour Packages
│        ├── 1-Day Tour Package
│        ├── 2-Day Exploring Package
│        └── Nature & Wildlife Tour
│
├──── About Us
│
└──── Contact Us
```

4 Web Navigation
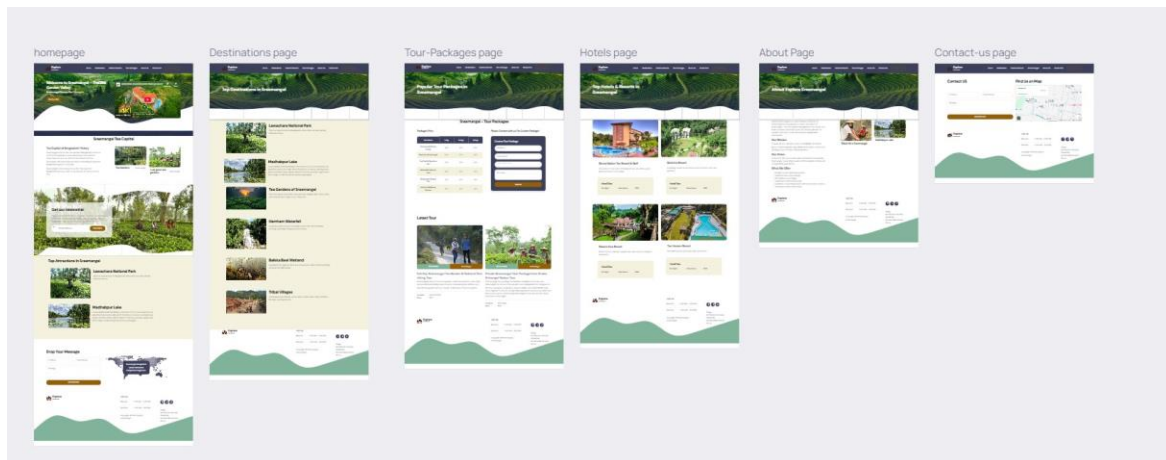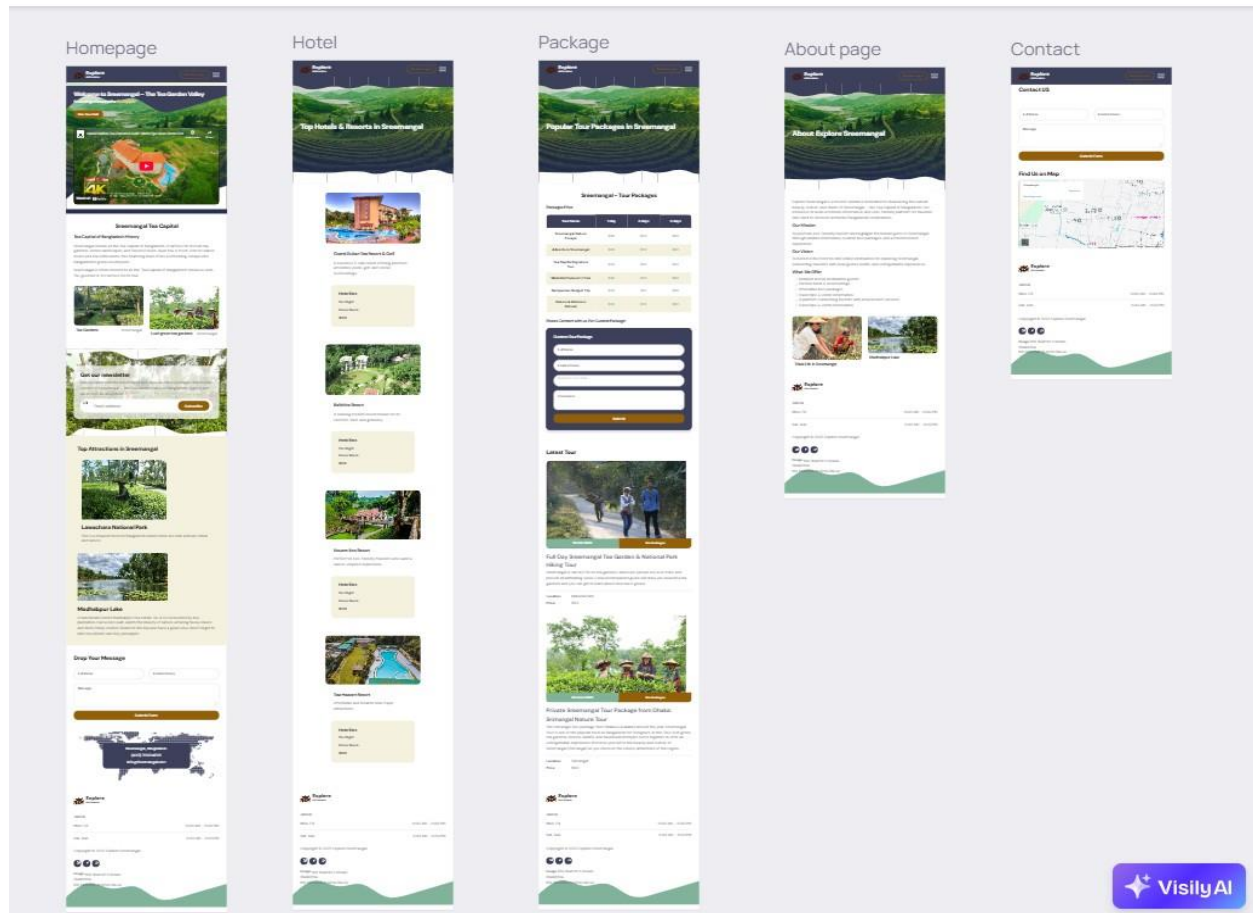
5 Web Navigation Storyboard

6 Wireframe

This section of our project uses wireframe design to present a rough structural layout and demonstrate the proof of concept for our proposed website. The proposed pages design is shown below. We created this wireframe using the app.visily.ai platform.

https://app.visily.ai/projects/37698bda-2d05-4ad6-ad03-b98dcdf56618/boards/2345734
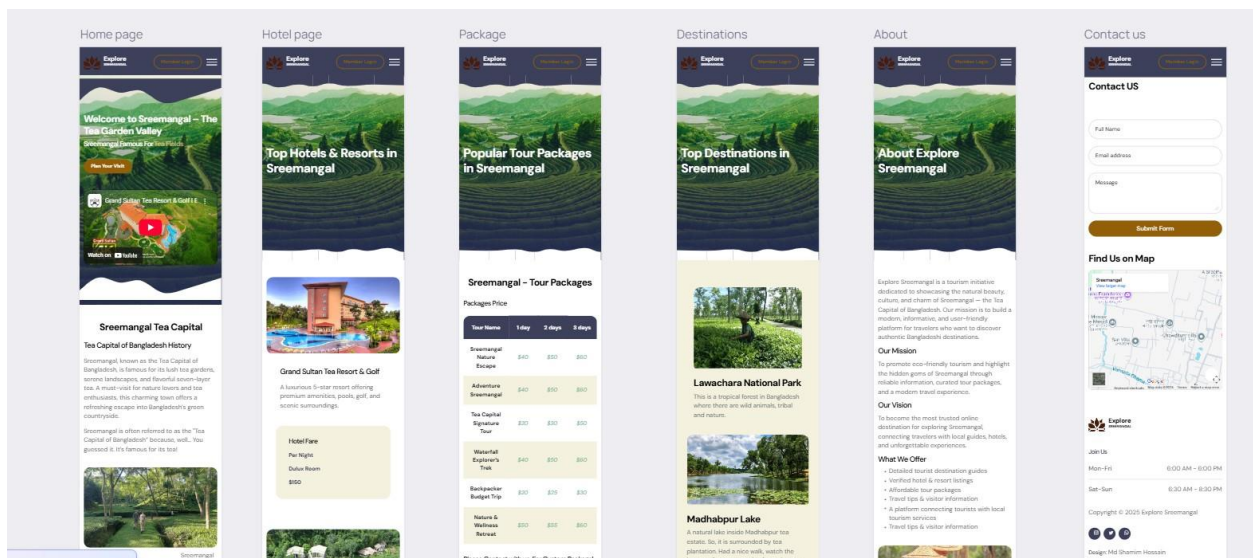
6.1 Desktop Version
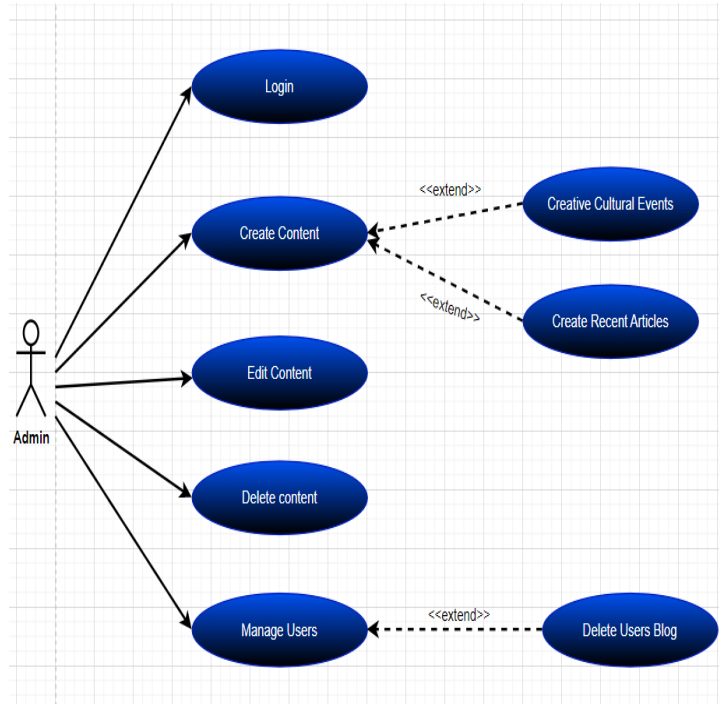
6.2 Tablet Version
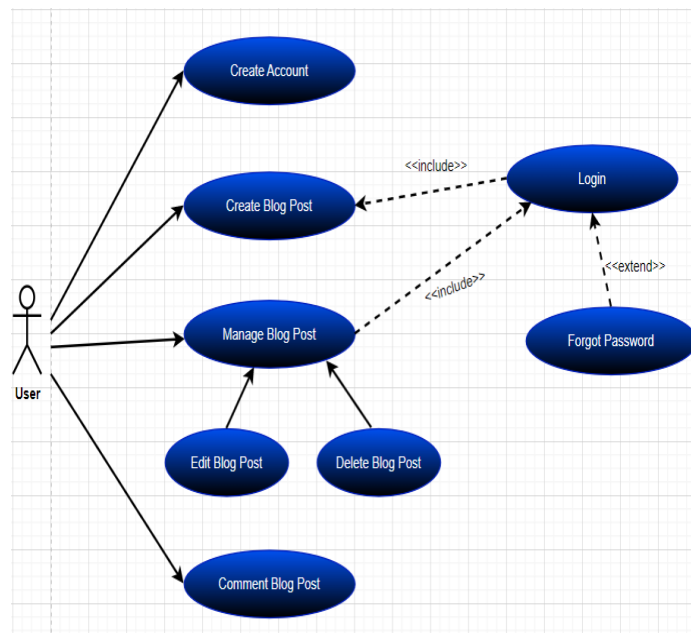

6.3 Mobile Version

7 Use Case Diagram

We have defined two primary actors for our project—Admin and User—to develop the potential use cases for our proposed system processes.
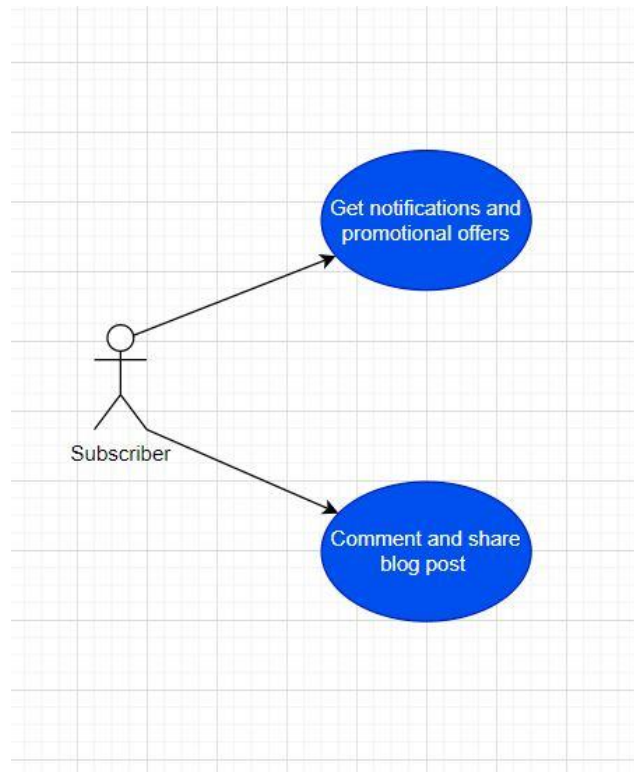
7.1 Use Case Diagram for Admin:

7.2 Use Case Diagram for User

7.3 Use Case diagram for Subscribers:

8 Conclusion

The Tea Garden Valley Initiative successfully establishes a visually compelling, informative, and user-friendly platform to promote tourism in Sreemangal, Bangladesh. Using a strong combination of HTML, CSS, Bootstrap, and responsive design techniques, it provides a solid foundation for both travelers and future expansion with backend technologies.

This project demonstrates strong planning, structured design, and well-organized front-end architecture that can evolve into a fully functional tourism management system.