

Project Reflection Report

Project Name: TravelTours - Responsive Travel Website

Task: Bootstrap 5 UI Exploration & Page Design

Abstract

This project aimed to design a clean, responsive travel website called TravelTours using Bootstrap 5. The goal was to explore core Bootstrap components and build a structured multi-page layout with Home, About, and Contact pages. The final result is a fully responsive travel site that showcases tours, testimonials, company information, and a contact form using modern UI practices.

1. How I Achieved the Project

I started by reviewing Bootstrap 5 documentation and example layouts to understand the grid system, components, and responsive utilities. With the help of AI tools, I planned the structure of three main pages: Home, About, and Contact, deciding where to place sections like hero, stats, featured tours, testimonials, and contact form.

On the Home page, I implemented a full-screen hero carousel, a stats section, a Featured Tours section using cards, a testimonials carousel, and a shared footer. The About page includes a hero banner, an "Our Story" section with image and text, and a Services section with cards. The Contact page provides contact details, business hours, and a form with a success modal triggered on submit. Throughout development, I tested the pages on different screen sizes to ensure responsiveness.

2. Tools and Resources Used

- Bootstrap 5.3.3 - for layout, grid system, navbar, cards, carousels, modals, and responsive utilities
- Font Awesome 6.4.0 - for icons in navbar, stats, services, contact info, and social links
- ChatGPT / Perplexity / AI coding tools - for planning, guidance, and initial code generation
- Unsplash - for hero and tour images via public URLs

- GitHub - for version control and project submission

All external tools were used as learning aids, and the final code was reviewed and understood personally.

3. Challenges Faced and Solutions

Challenge 1: Project Structure

Deciding how to split content across Home, About, and Contact pages was initially confusing.

Solution: Created a simple roadmap that assigned a clear purpose and key sections to each page.

Challenge 2: Using Carousels and Modals

Configuring carousels and the success modal correctly with attributes and JavaScript was challenging.

Solution: Referred to Bootstrap documentation and experimented with small changes until the behavior was correct.

Challenge 3: Responsiveness Challenge

Keeping the layout neat on mobile, tablet, and desktop required adjustments.

Solution: Used Bootstrap's grid breakpoints and utility classes, and tested with browser dev tools to refine spacing and column sizes.

4. Learning Journey

This project strengthened understanding of Bootstrap 5, especially how containers, rows, columns, and components fit together to create a complete UI. Working on TravelTours improved confidence in building multi-page sites, handling responsive design, and integrating interactive elements like carousels and modals. It also showed how AI tools can speed up development when used alongside proper learning and manual code review.

5. Time Taken for Completion

Approximate Time Spent: 4-5 hours