Orbis: Fictional World Navigation System
UI Mockup

CPSC 471 - T03-7

Yahya Asmara, Abdulrahman Negmeldin, Jason Duong

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1 Introduction

This document presents the user interface mockup for Orbis, a web-based navigation system for fictional worlds. The design follows a minimal aesthetic with muted colors, clean typography (Figtree font), and intuitive navigation.

2 Color Palette

> **Color System**
>
> **Primary Colors:**
>
> - Primary Blue: **#2563eb** - Buttons, links, active states
> - Dark Blue: **#1d4ed8** - Button hover states
>
> **Neutral Colors:**
>
> - White: **#ffffff** - Cards, panels, inputs
> - Background Gray: **#f8f9fa** - Page background
> - Light Gray: **#f3f4f6** - Hover states, secondary backgrounds
> - Border Gray: **#e5e7eb** - Borders, dividers
>
> **Text Colors:**
>
> - Text Primary: **#1a1a1a** - Main text
> - Text Secondary: **#6b7280** - Labels, metadata
>
> **Location Type Colors:**
>
> - Hotels: **#dbeafe** (light blue)
> - Parks: **#d1fae5** (light green)
> - Cafes: **#fef3c7** (light yellow)
> - Restaurants: **#fce7f3** (light pink)
> - Gas Stations: **#e0e7ff** (light indigo)
> - Landmarks: **#f3e8ff** (light purple)
>
> **Status Colors:**
>
> - Success/Start: **#10b981** (green)
> - Error/End: **#ef4444** (red)

3 Screen 1: Login/Welcome Screen

Entry point with split-screen layout: hero section showcasing features (left) and authentication form (right). Includes tab switching between Sign In and Sign Up modes.

Figure 1: Login/Welcome Screen

4   Screen 2: Dashboard/Map View

Main interface with interactive map grid, sidebar filters for location types and transport modes, and bottom route planning panel showing distance, time, and cost calculations.
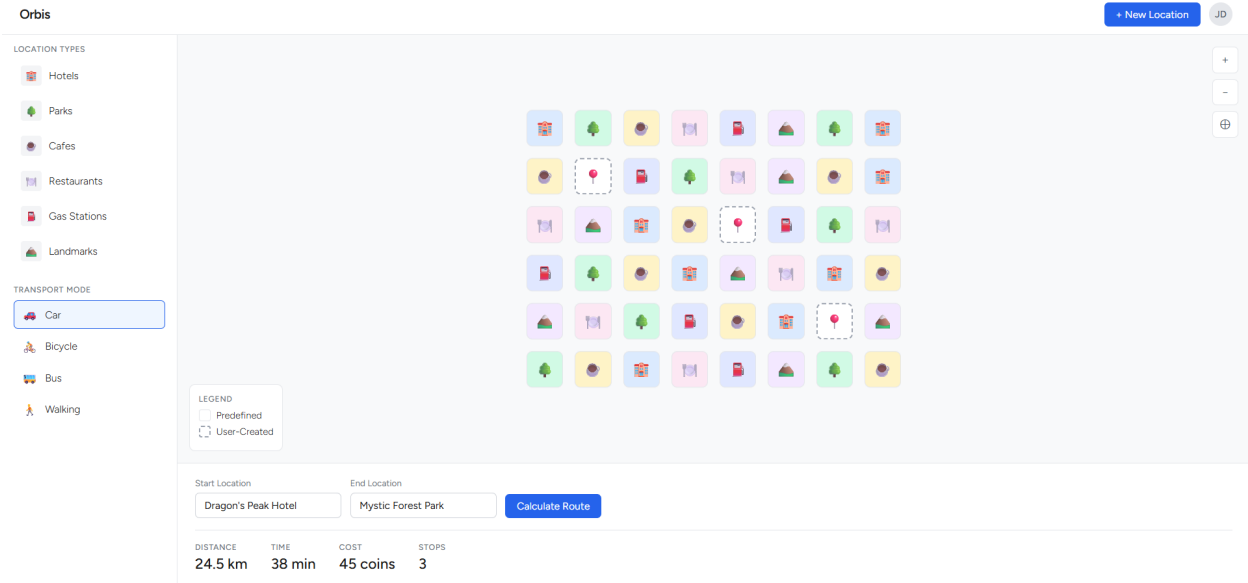

Figure 2: Dashboard/Map View

5   Screen 3: Location Creator

Comprehensive form for creating custom locations with sections for basic information, coordinates, capacity/facilities, accepted currencies, and optional landmark details. Includes live preview.

Figure 3: Location Creator Form

6 Screen 4: Route Details

Split-view showing route visualization with start/end nodes (left) and detailed directions panel (right) including step-by-step navigation, time restrictions, and cost breakdown.
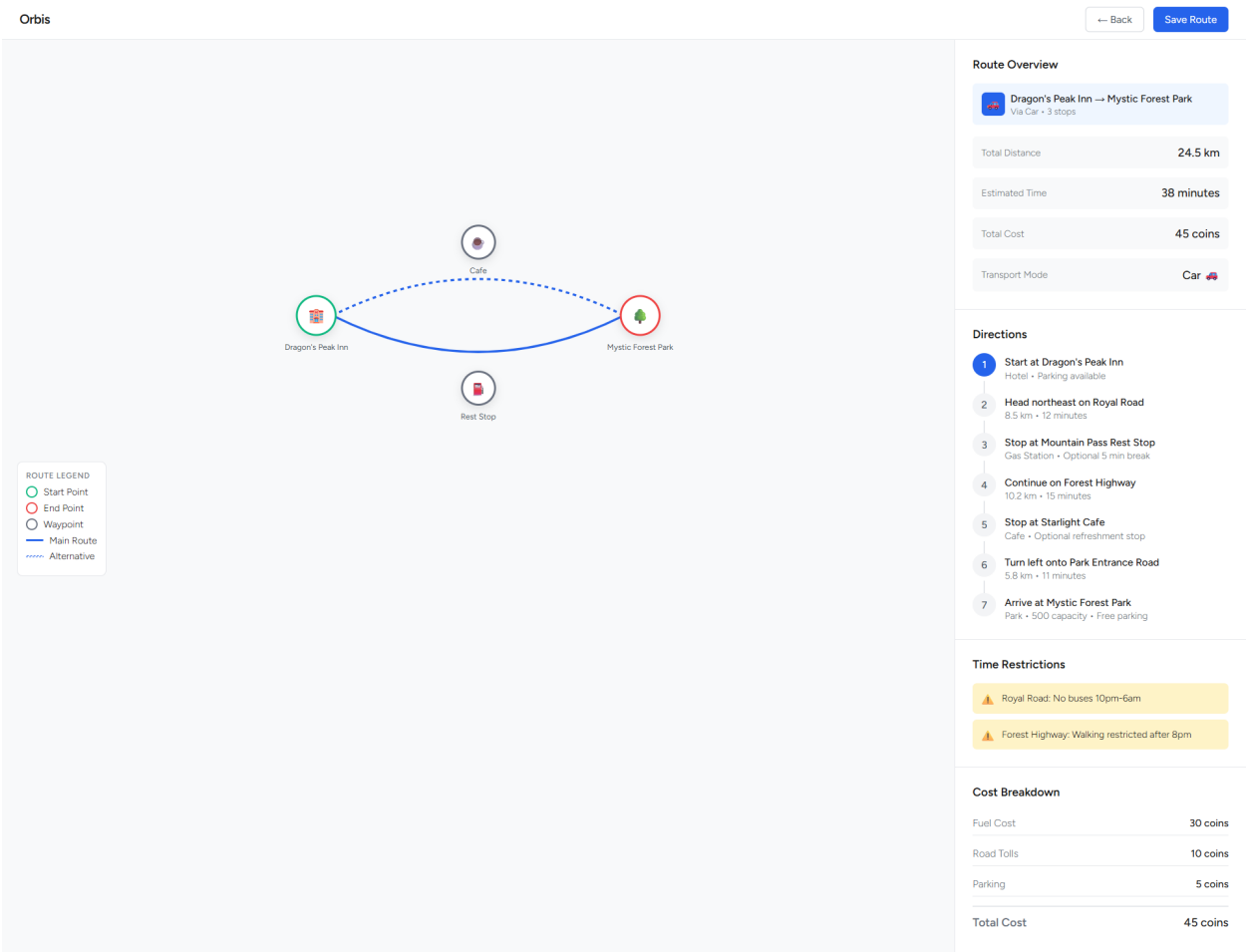

Figure 4: Route Details and Directions

7 Screen 5: User Profile

Personal dashboard displaying user information, statistics overview, list of created locations with edit/delete actions, and saved routes organized by tabs (Recent, Favorites, All).
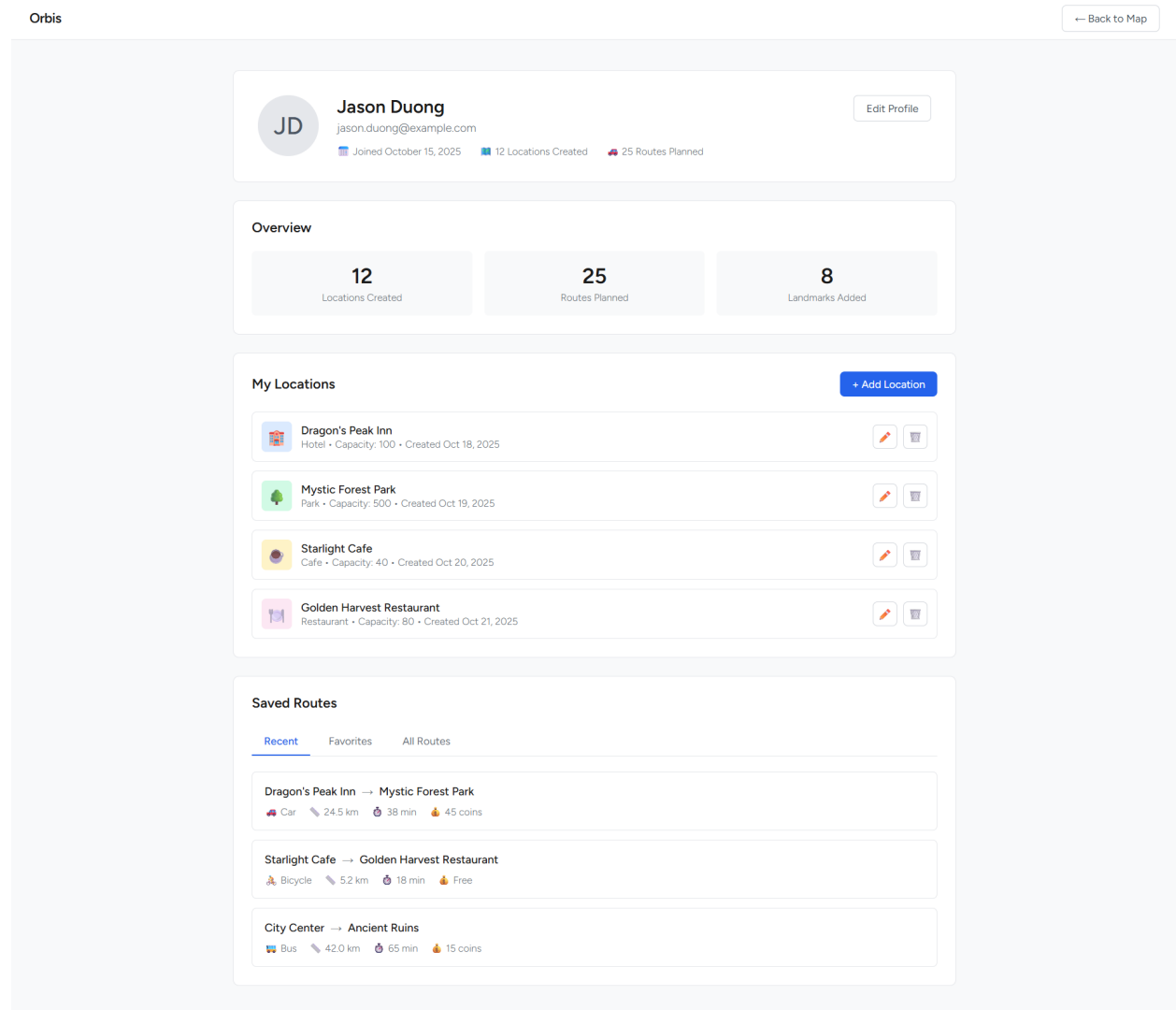

Figure 5: User Profile and Content Management

8 Typography

- **Font Family:** Figtree (Google Fonts)

- **Weights:** 300 (body), 400 (regular), 500 (medium), 600 (headings)

- **Page Titles:** 28px, weight 600

- **Section Titles:** 16-18px, weight 500-600

- **Body Text:** 14-15px, weight 300-400

- **Labels:** 11-13px, weight 400

9 Key Features

- Minimal, clean design with consistent spacing

- Muted color palette focusing on blues, greens, and grays

- Interactive map with multiple location types

- Route planning with multiple transport modes (Car, Bicycle, Bus, Walking)

- Time-based restrictions and cost calculations

- Multi-currency support

- User authentication and content management