

Orbis: Fictional World Navigation System

UI Mockup

CPSC 471 - T03-7

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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.

Orbis

Navigate Your Fictional World

A powerful navigation system for worldbuilders, writers, and game masters. Create custom locations, plan routes, and bring your fictional worlds to life.

- Create custom locations and landmarks
- Plan routes with multiple transport modes
- Manage multi-currency systems
- Apply time-based travel restrictions

Welcome Back

Sign in to continue your journey

[Sign In](#) [Sign Up](#)

Email Address

you@example.com

Password

Enter your password

[Forgot password?](#)

☐ Remember me for 30 days

[Sign In](#)

or continue with

[Sign in with Google](#)

Don't have an account? [Sign up for free](#)

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.

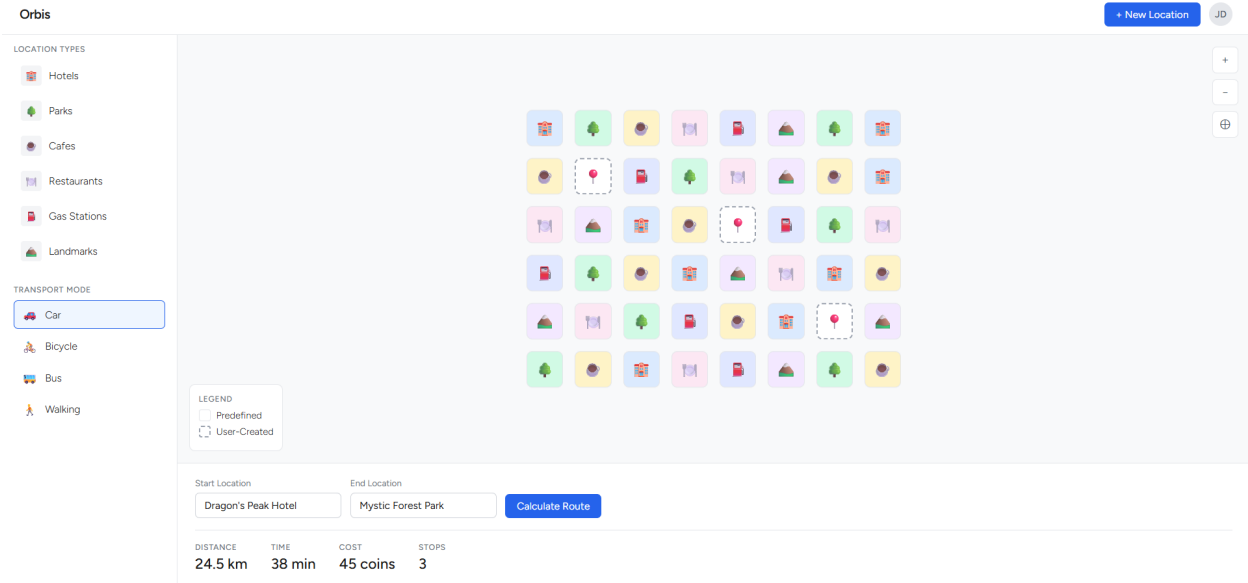


Figure 2: Dashboard/Map View

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.

Orbis

← Back to Map

Create New Location

Add a custom location to your world map. All fields are required unless marked optional.

Basic Information

Location Name

e.g., Dragon's Peak Inn

Location Type

Select type...

Public Access

☒ Yes ☐ No

Geographic Coordinates

Latitude

e.g., 51.5074

Longitude

e.g., -0.1278

Decimal degrees format

Decimal degrees format

Connection Requirement

Your new location must connect to at least one existing location via a road. You'll select connections in the next step.

Capacity & Facilities

Maximum Capacity

e.g., 100

Parking Spaces

e.g., 20

Number of people

Optional

Accepted Currencies

☒ Gold Coins

☐ Silver Marks

☐ Crystal Shards

☐ Ember Credits

Landmark Details (Optional)

Landmark Name

e.g., Ancient Tower


Landmark Category

Select category...

Description

Describe this landmark...

Preview



Dragon's Peak Inn

Hotel • Public • Capacity: 100 • Parking: 20 spaces

Cancel

Create Location

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.

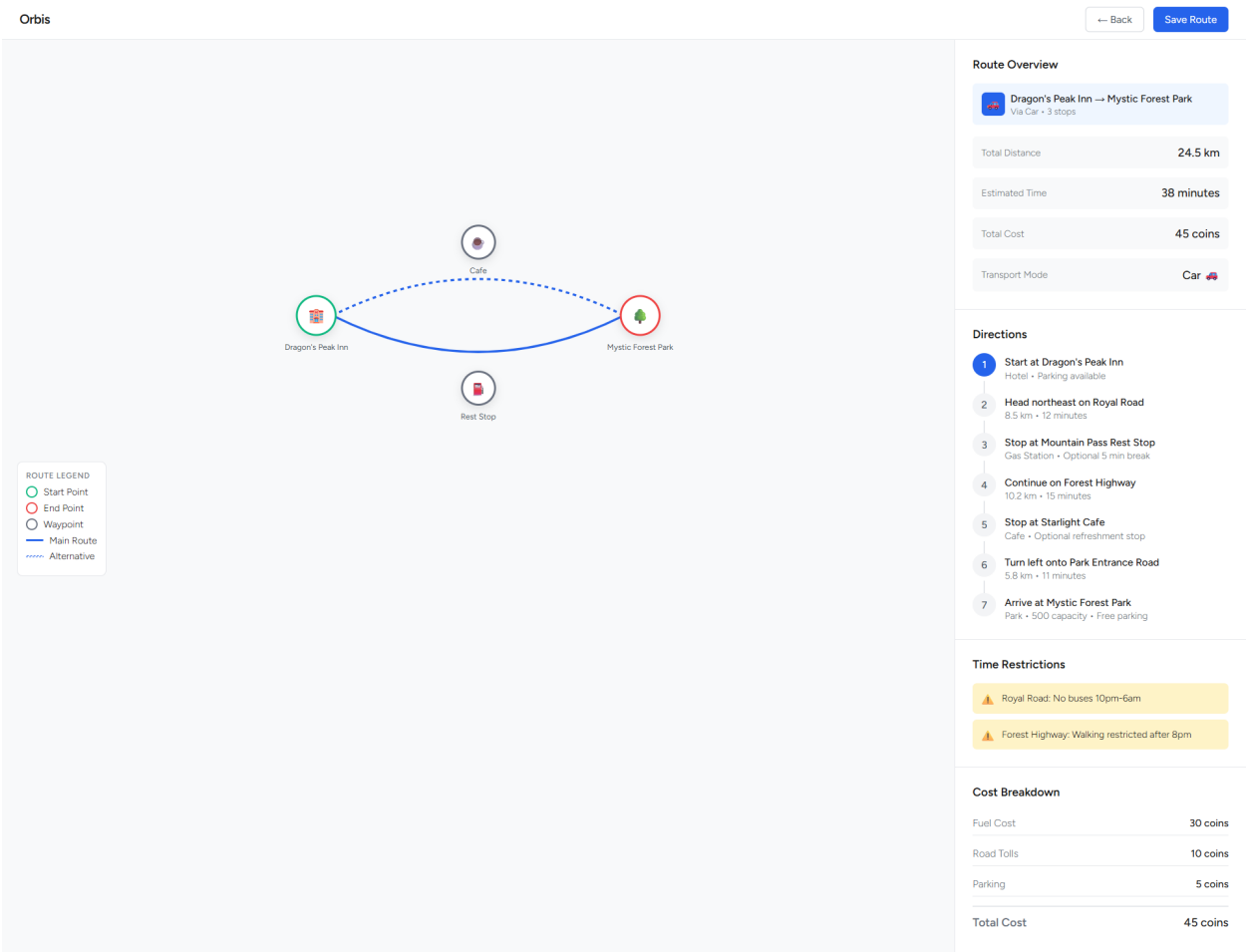


Figure 4: Route Details and Directions

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).

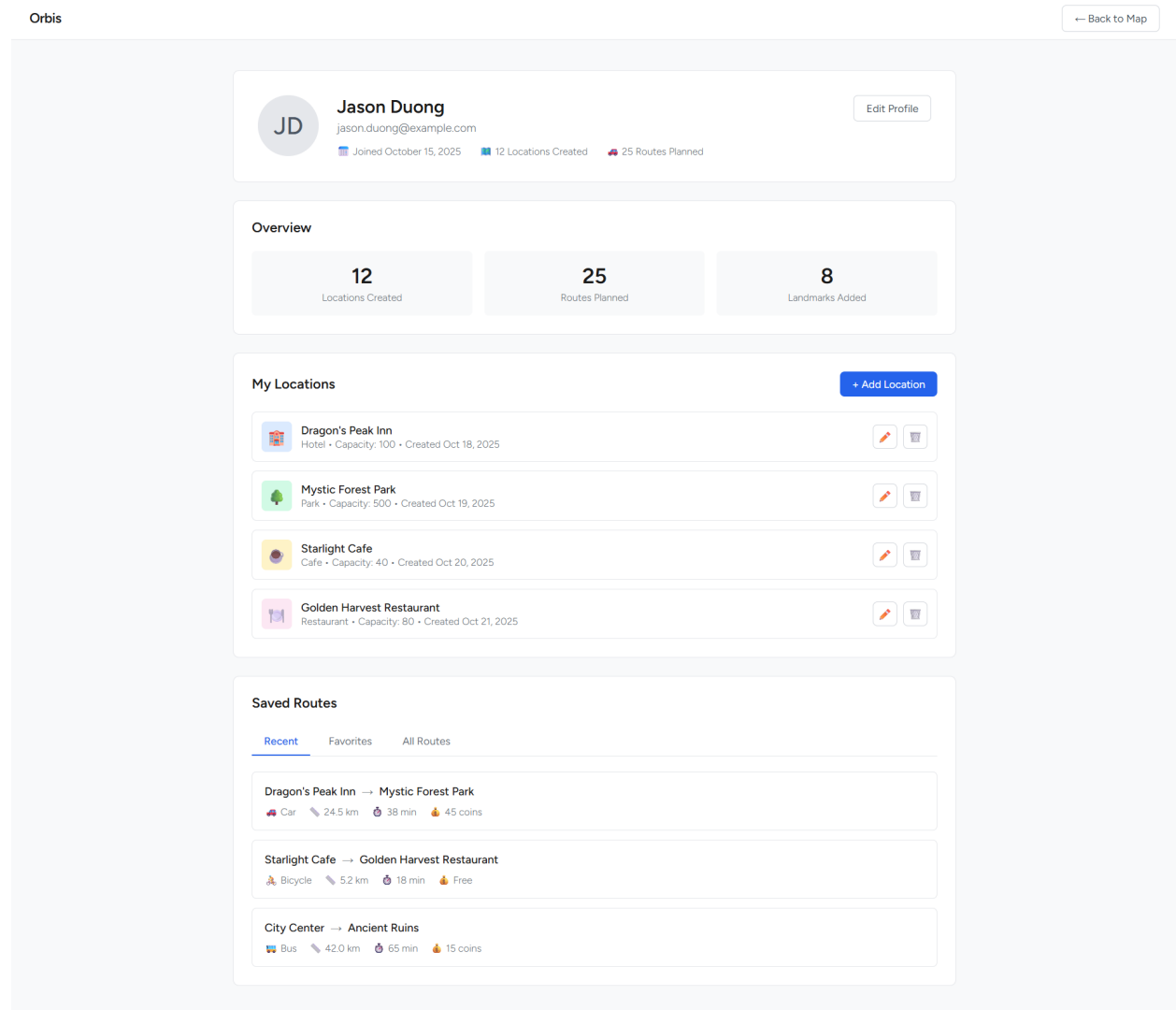


Figure 5: User Profile and Content Management

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