TOP STUDENT PROJECTS

Best innovations from UBDTCE, Davangere

PROJECT TITLE

RAAHIKA-MULTI-MODAL TRAVEL APPLICATION

Team 4

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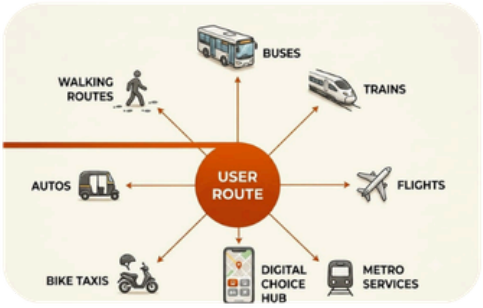


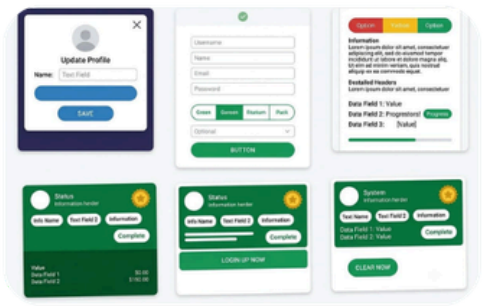
PROBLEM STATEMENT

Current travel applications do not provide integrated end-to-end journey booking. Users often need to switch between multiple apps for route planning, ticket booking, and last-mile connectivity. This results in inconvenience, increased travel time, and inefficient travel management.

SOLUTION

The Smart Unified Travel Planner is an AI-based platform that integrates buses, metros, trains, cabs, and last-mile transport into one application. It analyzes routes in real time and selects the best travel option based on traffic, cost, time, and user preferences. The system supports multimodal travel, unified booking and payment, real-time tracking, and digital ticket generation for a seamless travel experience. It helps commuters reduce travel time by providing optimized route recommendations. The platform enhances convenience by eliminating the need to switch between multiple travel applications. It also improves journey planning through accurate real-time updates and personalized travel suggestions.





SCAN ME

Technology stacks:

HTML | Javascript | CSS3 | React Router | Vite | OpenStreeMap, OpenRouteService | Github