

FUNCTIONAL AND NON-FUNCTIONAL REQUIREMENTS

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FUNCTIONAL REQUIREMENTS

- **User login and registration:** Users should be able to create an account and log in securely to access their saved routes, preferences, and other personalized features.
- **Adding and editing route points:** Users can add and modify points of interest along their route, helping them customize their journey based on specific locations they wish to visit.
- **Adding friends and sharing routes:** The platform allows users to connect with friends and share their routes, enabling shared travel planning.



FUNCTIONAL REQUIREMENTS

- **Multi-user editing:** Users can collaborate on route planning by allowing multiple users to edit a single route, ideal for group trip planning.
- **Route search:** Users can search for existing routes based on destinations, interests, or keywords, helping them find suitable routes quickly and easily.
- **Algorithm for suggested routes and recommendations:** The system uses an algorithm to suggest routes and provide recommendations based on user preferences and popular trends, simplifying the planning process.



FUNCTIONAL REQUIREMENTS

- **Upvotes and downvotes:** Users can rate routes, tips, landmarks by upvoting or downvoting, allowing high-quality routes to be more visible and helping others identify the best options.
- **Offline access:** Users can download their routes and essential travel information offline, allowing them to navigate even without an internet connection.
- **Premium features:** Premium users enjoy an ad-free experience and access to advanced features that support extended customization and better planning tools.



NON-FUNCTIONAL REQUIREMENTS

- **Limited animations and simple interface:** The interface should use minimal animations and remain simple, ensuring quick load times and smooth performance, even on slower internet connections.
- **Support for computers and mobile devices:** The platform should be compatible with both desktop computers and mobile devices, providing a seamless user experience across various screen sizes and operating systems.



NON-FUNCTIONAL REQUIREMENTS

- **Integration with external systems:** The platform will integrate with external systems (e.g., mapping APIs, travel booking services) to enrich route planning with external data and services, providing users with a seamless experience.
- **Encryption:** All sensitive user data, including login credentials and personal information, must be encrypted during transmission and storage to maintain data security and protect user privacy.



THANK YOU
FOR YOUR
ATTENTION

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