1. **Choose a Mapping and Navigation Service:**
   * Google Maps Platform and OpenStreetMap are excellent choices.
   * Google Maps offers a comprehensive set of APIs that cover various aspects of mapping, navigation, and location-based services.
   * OpenStreetMap provides free, open-source map data that you can use to build custom maps and applications.
2. **Obtain API Keys:**
   * For Google Maps, sign up for the [Google Cloud Platform](https://cloud.google.com/) and generate API keys for the services you intend to use (e.g., Maps JavaScript API, Directions API, Places API).
   * For OpenStreetMap, no API key is required as it's an open-source project. You can directly access the map data.
3. **Integrate Real-time Traffic Updates:**
   * Google Maps provides the Distance Matrix API for real-time traffic data. You can use it to obtain travel times and distances based on current traffic conditions.
   * OpenStreetMap has community-contributed real-time data, but it may not be as extensive as Google Maps.
4. **Live Traffic Cameras:**
   * Google Maps doesn't directly provide live traffic camera data. You might need to explore local or third-party services that offer such feeds.
   * OpenStreetMap doesn't inherently support live traffic cameras, but you can explore external APIs or databases that provide this data and integrate it into your platform.
5. **Navigation with Alternate Routes:**
   * Both Google Maps and OpenStreetMap offer APIs for directions and navigation.
   * For Google Maps, use the Directions API to get directions with alternative routes.
   * For OpenStreetMap, you can use the [OpenRouteService API](https://openrouteservice.org/) for routing and directions.
6. **Parking Availability and Booking:**
   * Google Maps provides the Places API that includes details about parking places. However, real-time availability might be limited.
   * OpenStreetMap might not directly provide real-time parking availability. You may need to integrate with local parking services or use crowd-sourced data.
7. **Implementation:**
   * Depending on your platform (web or mobile app), use the appropriate APIs and SDKs provided by Google Maps or OpenStreetMap.
   * Implement the necessary API calls in your codebase to fetch and display real-time traffic, navigation, and parking information.