**Basic Features:**

* **Location-Based Services**: Use GPS to find the user's current location and display nearby gas stations.
* **Price Listing**: Show current gas prices at each station.
* **Sorting/Filtering Options**: Allow users to sort or filter stations by price, distance, or brand.

**Advanced Features:**

* **Price Alerts**: Users can set up alerts for when prices drop below a certain threshold at their favorite stations.
* **Fuel Log**: A feature where users can track their fuel expenses and consumption over time.
* **Route Integration**: Suggest routes that incorporate a stop at a cheaper gas station along the way.

**2. Research Data Requirements**

* **Data Sources**: Identify reliable sources for real-time fuel price data. One possibility is scraping data from websites.

**3. Plan the User Interface**

* **Map Integration**: Incorporate a map view showing gas stations.
* **Easy Navigation**: Design interfaces that are intuitive and easy to navigate while driving or in transit.
* **Accessibility**: Ensure the app is accessible, with large buttons, voice commands, and clear, readable fonts.

**4. Technology Stack**

* **iOS Development**: Use Swift or SwiftUI for building the app, considering the latest features of iOS for better integration.
* **Backend**: May consider using a serverless architecture like AWS Lambda for handling backend processes if real-time data processing is needed.
* **APIs**: Leverage APIs for maps (like Google Maps or Apple Maps) and fuel prices.

**7. Maintenance and Updates**

* Regularly update the app to ensure it includes the latest gas price data and integrates new iOS features.