1. My first thought on the design of the prediction is using machine learning. We will train on historical data with the following stages of machine learning:

Assuming we already have some historical data for the fuel quotes:

1. Train- With about 60% of the historical data.
2. Validate- We will approach validation with the loss function.
3. Test- After adjusting our model, we will test the remaining 40% historical data

The framework / gui of the software is built on [insert language here].

1. The following are the development cycles that we will emulate / implement:
2. Plan:

Brainstorm the containers and modules needed for each part of the software

1. Design:

Start with the framework of pseudocode.

1. Test:

Code up the test program. The goal is to make the program run properly; not efficiently.

1. Debug:

Run the code and attempt to remove any bugs / errors. We will also make any optimizations to run the code efficiently.

1. Deploy:

Once the code is ironed out, we can then compile the whole program and use it as if we are the clients.