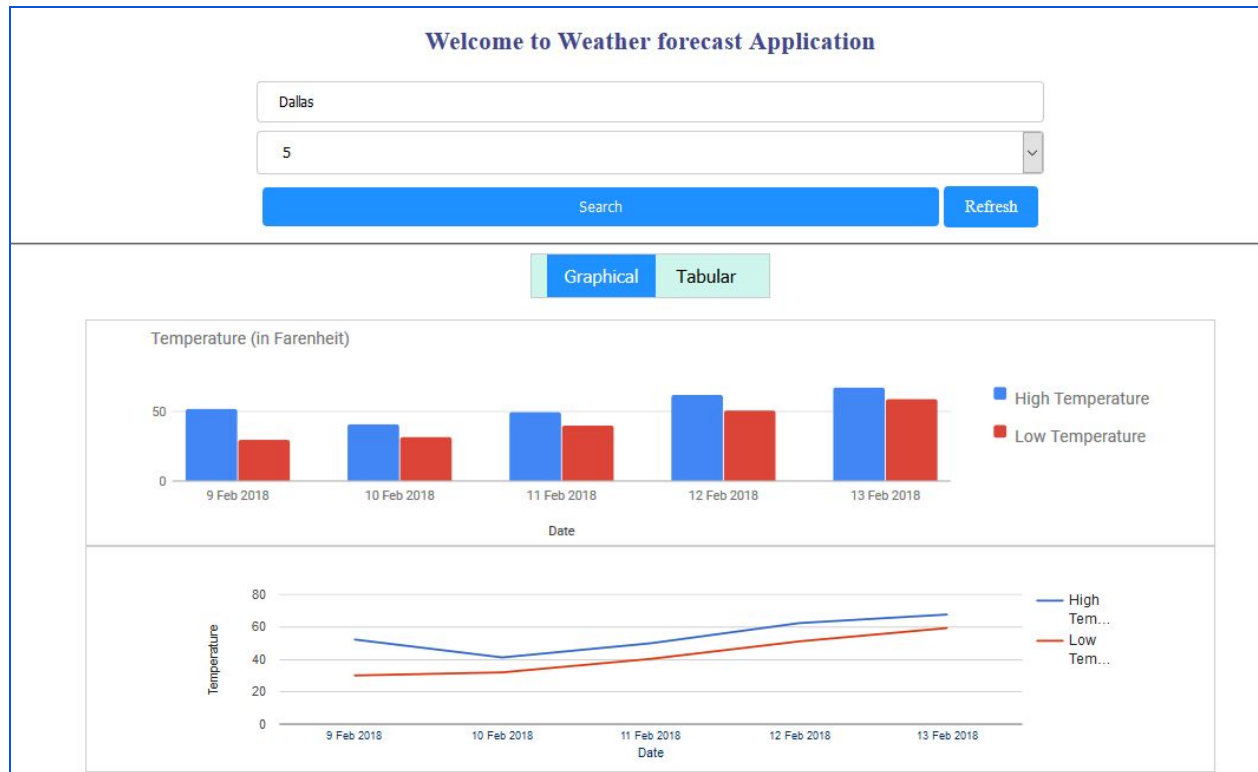


Nomo Fomo

Weather Forecast Application



Rails version: *Rails 5.1.4*

Ruby version: *ruby 2.3.3*

Git version: *git 1.9.4*

Features:

1. Enter location or address in text field and select number of days for which weather forecast you want to check.

Welcome to Weather forecast Application

Search

Refresh

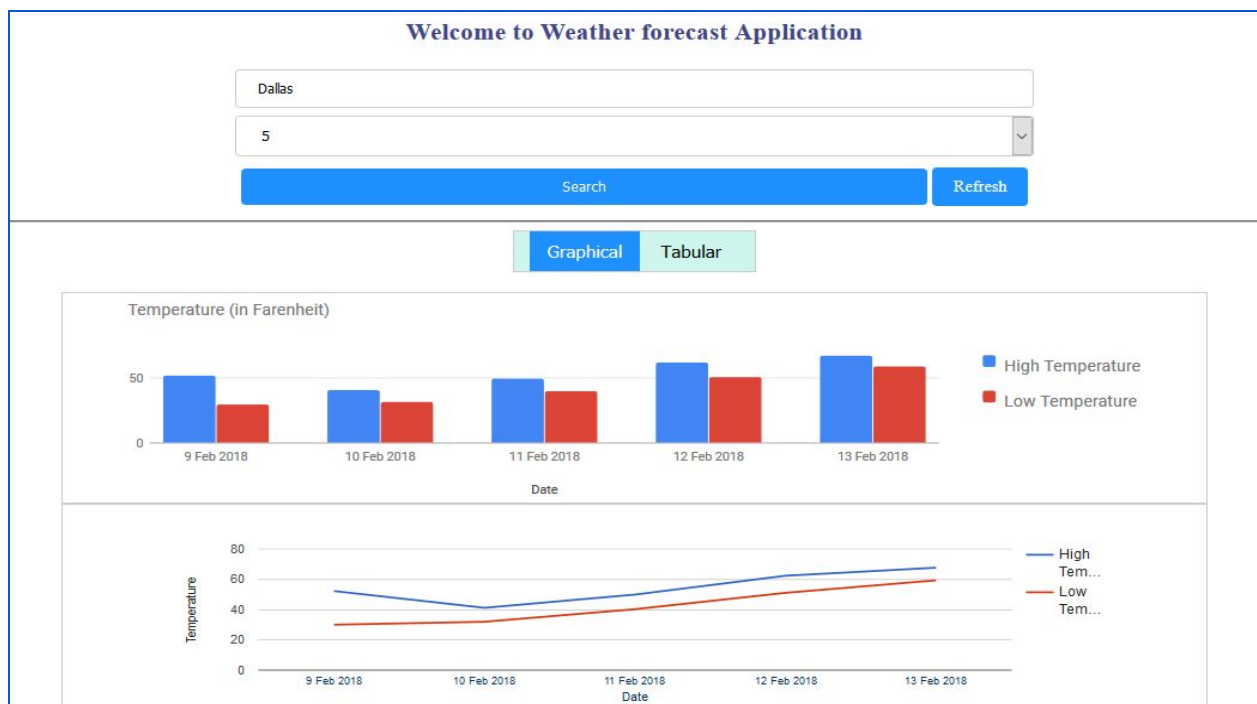
2. Once you enter information, click search button.

Welcome to Weather forecast Application

Search

Refresh

3. Search displays information either in graphical or tabular form for selected number of days.



Implementation:

1. Geocoder:

- Geocoder gem is used to get latitude and longitude of a given address/location.
- Geocoder.coordinates(address) returns array of latitude and longitude.

2. Dark sky API:

- Once we get coordinates based on location, we can call dark sky api to get information about weather for selected number of days.

3. Google charts:

- For graphical representation, I have used google charts to display Bar graph and Line chart.

Rspec:

1. With valid parameters

Checked whether application returns proper configuration_api, latitude, longitude, url and number of entries based on selected number of days. (for two locations - NY and Dallas).

2. With invalid parameters

Checked whether application returns error if address is not entered or number of days not entered.

What more can implement in an application:

- Dynamic updation of page using ajax - for graphical and tabular information.
- We can populate address with city, state, country and user can select from that and get weather information.
- We can create migration for address which will store coordinates for an address. Next time when we search for each address, we don't need to call geocoder, we can directly get the coordinates from a table.

Note: All the screenshots are present in the application's "assets/images/screenshots" folder.

Github link: [git@github.com:AnaghaKelkar/weather_forecast_application.git](https://github.com/AnaghaKelkar/weather_forecast_application)