

RSA Developer Technical Test

You need to create a weather forecasting web application in VB.Net, ASP.Net MVC.

The user should be able to upload a CSV file containing a list of locations including the Lat, Long and location name. Your application should then process this CSV and use an external services for forecasting the weather for these locations.

The user should be presented with a list of the locations they uploaded and the forecasted weather for the next few days.

You can use [Open-Meteo](#) (Its free for non-commercial use) or any another service for obtaining the weather forecast.

Here is a sample of CSV that the user uploads

```
"Lat", "Long", "Location Name"  
51.063751, -0.327000, "Horsham, UK"  
51.507351, -0.127758, "London, UK"  
55.864239, -4.251806, "Glasgow, UK"
```

Expectations

- Object oriented programming and a modular approach
- Good coding practices – e.g. ensure good readability, reusability etc.
- Good testable code. Include Unit tests where possible
- Responsive UI design

Good to have (not mandatory)

- Front-end styling framework like Bootstrap
- LocalDb or any other light weight database to store recent forecasts

Deliverables

Please send us a link to a GitHub based repository and please include a small README.md detailing your approach.