Reflection Group 17

Model changes:

1. We add a condition(ex:sunny,rainy) attribute to the description class because the data searching requires it
2. Instead of having each temperature, rainfall, windSpeed, and windDirection as a separate class, we put them in our description class as attributes

New Class Model:

Challenging Aspect:

1. Making sure that all the locations that we get from BOM have a postcode
2. Predictions were very challenging to implement in a logical manner. Obviously weather is a prime example of a complex system, and given that billions of dollars have been spent trying to predict the weather marginally better, anything that we implement will be very naïve. In the end, a fairly simple prediction model was used, as although it may not be as accurate, it’s usually less inaccurate. Given that our predictions would always be, by nature, fairly inaccurate, we felt it was a reasonable compromise.
3. The probability of prediction posed another problem, in that attempting to predict the probability to an arbitrary level of precision, would by its very nature be fairly arbitrary. The model we finally used is still somewhat arbitrary, but mostly internally relatable between parameters, which is important.
4. Making sure that the Json for the prediction calls exactly the same is difficult because of the “period”: { part.

Thoughts on the value of spending time and effort developing a thorough design prior to

implementation:

1. Help us during the very start of the project, when we have to create the models and controllers