WEATHER APP DESIGN

1. DESIGN DECISIONS

* My Client is an **Angular JS Client ( MVC Architecture)** and follows the paradigm of a **single page application**.
* I have used **State Based Routing** for the different views and each view has a designated controller assigned to it.
* **Factory Service** injected in each controller to implement code reusability.

1. HOW IT WORKS

* User enters the city name through the view.
* The City name is then queried against a JSON (**Model**) to get the respective ID (API is more accurate when we use ID) using a factory service injected in the controller.
* Using the ID, we then hit the respective end point in the respective controller(**Controller**) to get the JSON and we then filter through the JSON and deliver the information on the view(**View**).
* **Exception cases** are handled (User enters city name that does not exist) in controller and view

1. TECHNOLOGIES USED

* HTML5
* BOOTSTRAP CSS (CSS framework)
* ANGULAR JS (JS framework)
* BOWER (to manage front end dependencies)