





Spring Hibernate Test

ASSIGNMENT

Create a Java Spring Hibernate web application that consumes an external API. The web application should:

1. Consume weather API (<https://openweathermap.org/api>) to retrieve current weather data using city name.
2. One city should have 1-n weather logs.
3. After retrieval of the weather data, all data should be stored into database as weather log for archive purposes.
4. Show all past weather logs grouped by city name.
5. Ability to add new / remove city from the database.
6. See screenshot below for more information.

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Search...		Search	
	Singapore April 20, 2015	11.2 °C Clouds 4.21 m/s. 76%, 1027.2 hpa	Delete
Show More			
	London April 20, 2015	11.2 °C Clouds 4.21 m/s. 76%, 1027.2 hpa	Delete
	London April 19, 2015	11.2 °C Clouds 4.21 m/s. 76%, 1027.2 hpa	Delete
	London April 18, 2015	11.2 °C Clouds 4.21 m/s. 76%, 1027.2 hpa	Delete

REQUIREMENTS

1. Demonstrate coding best practices.
2. Demonstrate understanding of Spring + Hibernate framework.