

Smart City Management

❖ Functional Requirements

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Smart City Management:

This application is used for viewing the information of the various Cities. Users have to register in the application to view the each information listed.

Registration screen:

User will be able to register by clicking the register link from login screen. On successful submit, message should be displayed that User is successfully registered.

Technical Areas Covered:

Routing
Route Guard
Form Validation

Below are the fields for Register page.

Fields	Validations	Comments
First Name	Required Alphabets only	
Last Name	Required Alphabets only	
Email	Required Email validation	
Username	Required Alphanumeric only	

Password	Required 10 characters 1 uppercase 1 number 1 special characters	
Confirm Password	Follow same conditions like password	

HTTP App test
Try to Login
Weather
News
Movies
Jokes

Sign Up

First name

Last name

Email address

Password

Sign Up

Already registered [sign in?](#)

Login Screen:

Login screen is for registered users to login into the application. We will have all the users listed and stored in to data.json file.

If users trying to access the others areas of application then users will be redirected to the login.

Technical Areas Covered:

Routing
Route Guard
Form Validation

HTTP App test

Try to Login

Weather

News

Movies

Log In

Gopikrishna

Login

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Weather Updates Screen:

Weather updates screen will display the updates of weather for multiple cities, only registered user will be able to access the weather updates page.

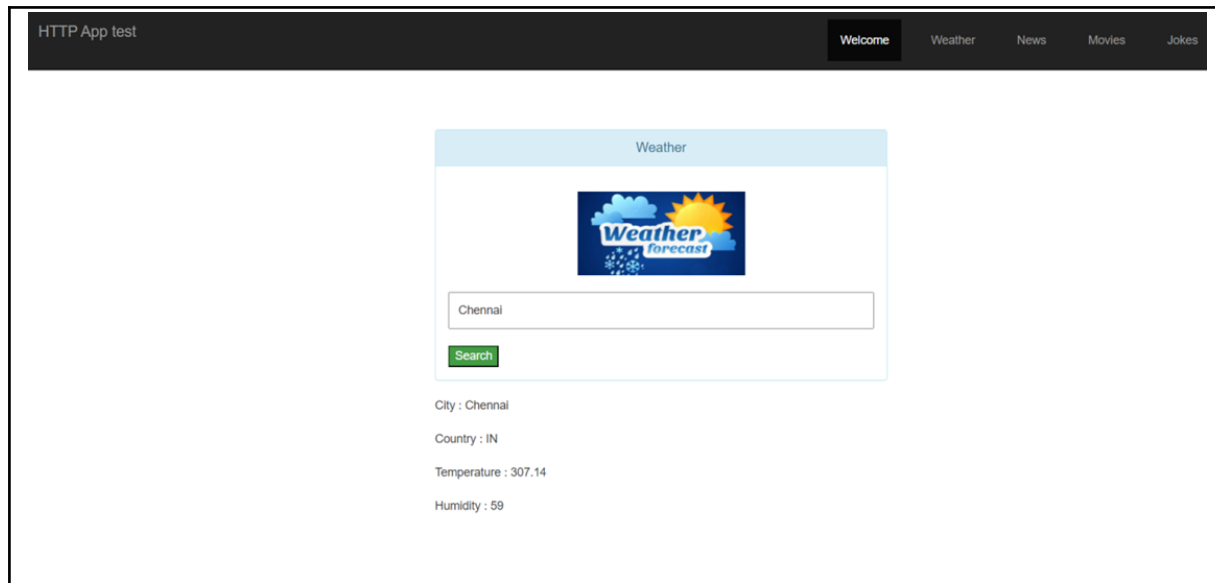
When user clicks the Weather Updates – Top Nav link will be redirected to the page.

Name of the City	Country	Temperature	Humidity.
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1. On page load weather API should be called to get all the weather updates for each cities
2. Above details will be displayed in the page as a list
3. Dropdown to be listed with Cities name
4. While selecting the city name, relevant weather information should be populated in the table

Technical Areas Covered:

Services
Observables
Array



Latest NEWS by Category:

Latest News updates screen will display the latest news based on the news category, only registered user will be able to access the news page.

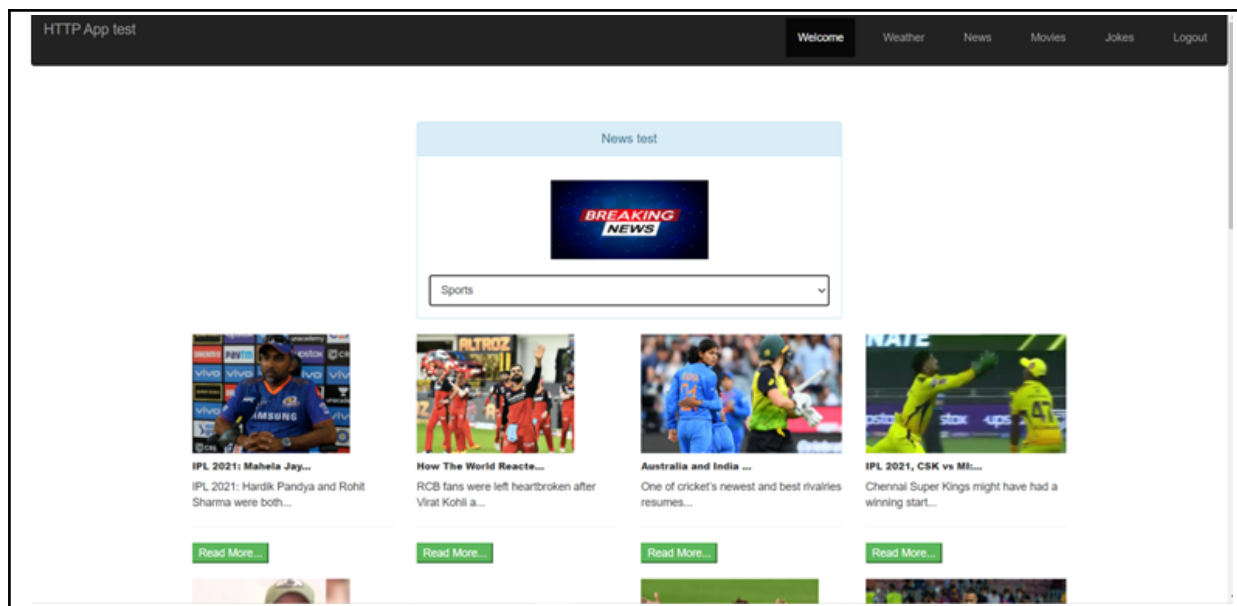
When user clicks the Latest News – Top Nav link will be redirected to the page.

News Relevant Image	News Headline	News Short Description	Call to Action – Read More
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1. On page load Latest News API should be called to get all the news list for each category
2. Above details will be displayed in the page.
3. Dropdown to be listed with news category
4. While selecting the news category, relevant News information should be populated in the table

Technical Areas Covered:

Services
Observables
Array



Tourist Destinations:

Tourist destinations page will provide the information about the places which are famous for tourism based on city. List of the tourist places should be populated from the local json file.

Place name	Short description	City	Speciality of the place	Entry fee	Rating
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Technical Areas Covered:

Services
Observables
Array

Name ↑	Position	Office	Age ↑	Start date
Airi Satou	Accountant	Tokyo	33	2008/11/28
Angelica Ramos	Chief Executive Officer (CEO)	London	47	2009/10/09
Ashton Cox	Junior Technical Author	San Francisco	66	2009/01/12
Bradley Greer	Software Engineer	London	41	2012/10/13
Brenden Wagner	Software Engineer	San Francisco	28	2011/06/07
Brielle Williamson	Integration Specialist	New York	61	2012/12/02
Bruno Nash	Software Engineer	London	38	2011/05/03
Caesar Vance	Pre-Sales Support	New York	21	2011/12/12
Cara Stevens	Sales Assistant	New York	46	2011/12/06
Cedric Kelly	Senior Javascript Developer	Edinburgh	22	2012/03/29

Add Tourist place:

Add Tourist place page will be used by a user to add a new tourist destination.

Fields	Validations	Comments
Place name	Required	
Short description	Non-mandatory	
City	Required	
Speciality of the place	Non-mandatory	
Entry fee	Required	
Rating	Required	

Technical Areas Covered:

Services
Observables
Array

Place name:

City:

Speciality of the place:

Entry fee

Rating

Short description:

Submit