

PROJECT DOCUMENTATION

OUR APPLICATION NAME: AIR SPY

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DESCRIPTION:

The “**AIR SPY**” application is used to find the quality of the particular area; the user will get the air quality range value of that particular place. This will help the user to know the quality of the air. This application is very much useful to farmers, travellers, etc.

BUILDING TOOLS:

This “**AIR SPY**” application is developed using

- ✓ IONIC 4 framework
- ✓ Angular CLI
- ✓ Visual Studio Code
- ✓ NodeJS

UI SIDE:



SELECT COUNTRY

INDIA

AUSTRALIA

CHINA

LONDON

PARIS

SINGAPORE

CANADA



← CANADA

value:10



APP FLOW EXPLANATION:

1.LOGIN PAGE:

- ✓ The first page of our application is the “login page”.
- ✓ The login page contains username and password entry portion.
- ✓ It also contains login button
- ✓ The login button is used to navigate to the next page i.e. country list page.

2.COUNTRY PAGE:

- ✓ In this page country names are listed.
- ✓ Each country names are act as button.
- ✓ This button is used navigate to the next page.ie air quality information page.

3.AIR QUALITY INFORMATION PAGE:

- ✓ This page displays the air quality information.
- ✓ The action of pressing the country name button, the air quality value of the particular will be displayed.

SERVER SIDE:

LOGIN PAGE:

Specified username and password are used to validate. If the username and password is valid it navigates to the next page.

COUNTRY PAGE:

This page displays the list of seven countries

- 1.India
- 2.Australia
- 3.China
- 4.London
- 5.Paris
- 6.Singapore
- 7.Canada

AIR QUALITY INFO PAGE:

The air quality information is got from the rest api.

REST API: <http://api.waqi.info/feed>

what we learnt in this internship?

In this internship we learnt lots of new things which helps us to explore lots of new things which we never undergo before, it gave us good knowledge in coding, helps us to think in different ways to solve the problem, it gave us the knowledge how to access the rest api.

This internship is really useful to our career, and overall, we learnt how to develop an application.

CONCLUTION:

Thus, we created a “**AIR SPY**” application to detect the air quality of the particular country. we created this AIR SPY application using the building tools we mentioned above.

This internship helps us to learn the new application development technology which is very useful for our career.