

## DPS926 Project Description

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### Description

My project is a real-time Weather App that will show the temperature and other weather details such as wind speed and humidity. User is able to add his favourite cities to his list, and by clicking the list he can choose the city to display the weather detail.

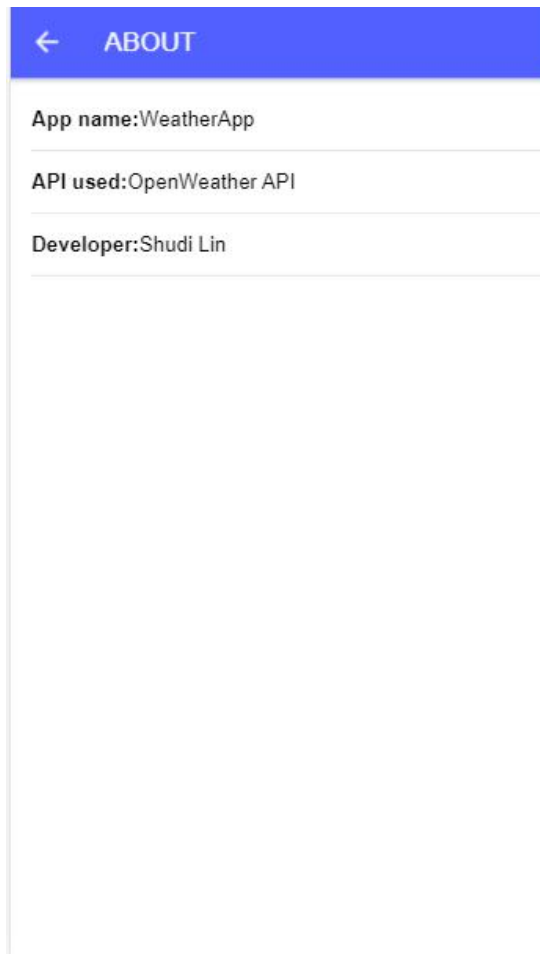
### UI/Work flow

#### Home page



This is the home page, at the tool bar there are two buttons, About and Add. About leads to the about page showing details about this app, add leads to the add page, where user can add cities to the list. Under favourite cities, the user's selected cities will be shown, and by clicking each of them, the top weather detail will change accordingly. User can also remove a city from his favourite list by clicking the minus button.

## About page



This is the about page showing details about this app, the API that was used to obtain weather information was OpenWeather API.

## Add page

The image displays two side-by-side screenshots of a mobile application's 'Add City' page. Both screens have a blue header with a back arrow and the text 'ADD CITY'.

The left screenshot shows a form with a red error message 'City name is required' at the top. Below the error message is a light blue button labeled 'ADD' with a checkmark icon. The rest of the page is white.

The right screenshot shows the same form with the text 'Toronto' entered in the input field. The 'ADD' button is now blue with a checkmark icon. A modal dialog box is displayed in the center of the screen with the following text: 'Error: Toronto is not a valid city name!', 'Please enter a valid city name, ex. London.', and an 'OK' button.

The add city page contains a simple form, and form validation. The user will need to enter a correct city name to add the city to his favourite list. If the API call fails, the city will failed to be added, and there will be an alert window telling user that the city name is incorrect.