



Assessment Prototype-1

Report on web application

Name : Tenzing kunsang sherpa

Word count:

Table of Contents

[Abstract: 3](#_Toc155271286)

[Introduction: 4](#_Toc155271287)

[Strength: 4](#_Toc155271288)

[Weakness: 4](#_Toc155271289)

[Conclusion: 5](#_Toc155271290)

# Abstract:

This report of the prototype 1 shows how the weather application works, and it has briefly shown about its strengths and its weakness. This report also describes about the functionality of the weather app how it is user- friendly and easy to use web application. in this web application the user input a city name and the user can get the exact weather data of the place that the user has entered. The application updates the weather data that fetched from the Open Weather API. Overall, this weather app shows the user up to date weather data to the user.

# Introduction:

In the first version of the weather project is a simple HTML/CSS/JAVASCRIPT that retrieves live weather data from OpenWeatherMap API and displays the information on a website by making it a responsive and interactive weather website with the help of CSS and JavaScript. In this project the city that I was referred to was (Haridwar, India). Through this project I got to know about how CSS/JavaScript makes the webpage interactive, responsive and how we can fetch the data’s from tools like API. in this web application the weather can enter a city name and the user can get the weather data of the certain location.

# Strength:

The web application is a user-friendly which has interactive and a responsive design. In my web application there is a feedback bar where the user can report and rate their problem faced on the app. Since the data is fetched from API the data are updated regularly which will benefit then user to get the real time weather data. The web app can be used on any devices because of its structure. This web application can be used in any browser which benefits the user. The web application is a responsive which can be used on any devices which allows the user to access the web app through any devices.

# Weakness:

Despites its strengths, this web application also has many weaknesses such as, though it is fetched from a API if the API does not send any data then the web application also won’t show any data to the user. The web application won’t run if there is no internet which will not show any result to the user. It also doesn’t have any database to store the data which will not save any data. There is a smaller number of icons for the weather cases.

# Conclusion:

In conclusion, this weather app provides a functional and a user-friendly application whereas it also provides a real time data and updates regularly and displays it to the user. Despite it’s strengths it won’t work if there is no data provided from the API and won’t store any due to its lack of database. Overall, this app still has a lot of improvements to be done though there are some good features to improve the user interface and function.