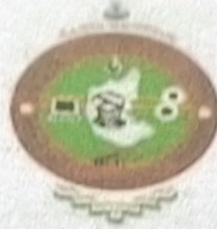


Late submission

VISVESVARAYA TECHNOLOGICAL UNIVERSITY,

BELAGAVI - 590 018.

A Mini Project report on



“WEATHER FORECASTING APP”

Submitted in partial fulfillment for the award of Degree of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING

Submitted by

NANDAN K L

4AL21CS081

NAOREM SHITALJEET

4AL21CS082

NAREN

4AL21CS083

NEHA R SHETTY

4AL21CS085

Under Supervision of

Mrs. Deeksha M

Sr. Assistant Professor

Department of Computer Science & Engineering



ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MIJAR

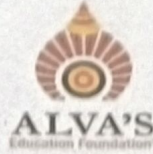
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that, the Mini Project entitled “**Weather App**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Nandan KL (4AL21CS081)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 86 Marks out of 100 and deposited in the department.

A handwritten signature in black ink, appearing to be "Deeksha M", written over a horizontal line.

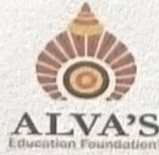
Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225

KARNATAKA



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This is to certify that, the Mini Project entitled “**Weather App**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Naorem Shitaljeet (4AL21CS082)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 86 Marks out of 100 and deposited in the department.

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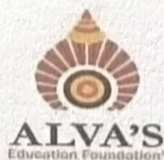
Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOODBIDRI D.K. -574225

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A handwritten signature in black ink, appearing to be "Deeksha M", written over a horizontal line.

Mrs. Deeksha M

Sr. Assistant Professor

ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY

MIJAR, MOOBBIDRI D.K. -574225

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This is to certify that, the Mini Project entitled “**Weather App**” for the subject code **21CSMP67** has been successfully completed and report submitted by **Neha R Shetty (4AL21CS085)** during the academic year 2023– 2024. It is certified that all corrections/suggestions indicated presentation session have been incorporated in the report and scored 86 Marks out of 100 and deposited in the department.

A handwritten signature in black ink, appearing to read "Deeksha M".

Mrs. Deeksha M

Sr. Assistant Professor

ABSTRACT

Weather forecasting apps have become essential tools in our daily lives, providing instant access to accurate meteorological information. Utilizing data from satellites and weather stations, these apps offer detailed forecasts for temperature, precipitation, wind speed, and more. Users can plan their activities with confidence, thanks to features like hourly updates and customizable alerts.

The user interface of these apps is designed for intuitive navigation, allowing users to easily explore forecasts and radar maps. Customization options cater to individual preferences, from choosing favorite locations to setting specific weather notifications. These apps enhance convenience by ensuring users have crucial weather insights at their fingertips, whether for travel plans, outdoor activities, or daily routines.

Beyond basic forecasts, weather apps provide real-time alerts for severe weather conditions, helping users stay informed and safe. Alerts for storms, hurricanes, and other hazards enable proactive measures and emergency preparedness. By integrating historical data and advanced analytics, these apps also offer insights into climate patterns and trends over time.

In conclusion, weather forecasting apps continue to advance, leveraging technology to deliver accurate and accessible weather information. They play a vital role in modern life by enhancing planning, safety, and overall convenience. As these apps evolve, their ability to predict and interpret weather patterns will likely further improve, solidifying their importance in daily decision-making and emergency response.