



20CYS202 USER INTERFACE DESIGN

CLIMATE ALERT SYSTEM TEAM - 02

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INTRODUCTION TO CLIMATE ALERT SYSTEM



User Analysis :

- *An Early Warning System for floods, droughts, heatwaves or storms, is an integrated system which allows people to know that hazardous weather is on its way, and informs how governments, communities and individuals can act to minimize the impending impacts.*
- *These systems allow us to monitor the real time atmospheric conditions on land and at sea and to effectively predict future weather and climate events using advanced computer numerical models.*

INTRODUCTION TO CLIMATE ALERT SYSTEM



User Analysis 2 :

- *From view point of Meteorologists , it allows them to view the time of sun rise , sun dawn sets ; the amount of humidity, precipitation formed by the clouds.. The Wind knot speed of a particular district / state and area*

MAIN PAGE

Main Page Consists of Four Primary Buttons :

- ☐ **TamilNadu Weather Forecast**
It will display the weather reports of districts in Tamilnadu
- ☐ **India Weather Forecast**
It will display the weather reports of main states in India
- ☐ **Early Warning Systems**
It will constantly monitor the natural calamities and disasters caused by Nature
- ☐ **Recovery Helpline, Safety Measures and Guidelines**



**TAMILNADU
WEATHER FORECAST
REPORT**










**INDIA
WEATHER FORECAST
REPORT**










**EARLY WARNING
SYSTEMS**

**RECOVERY HELPLINE
SAFETY MEASURES
&
GUIDELINESS**

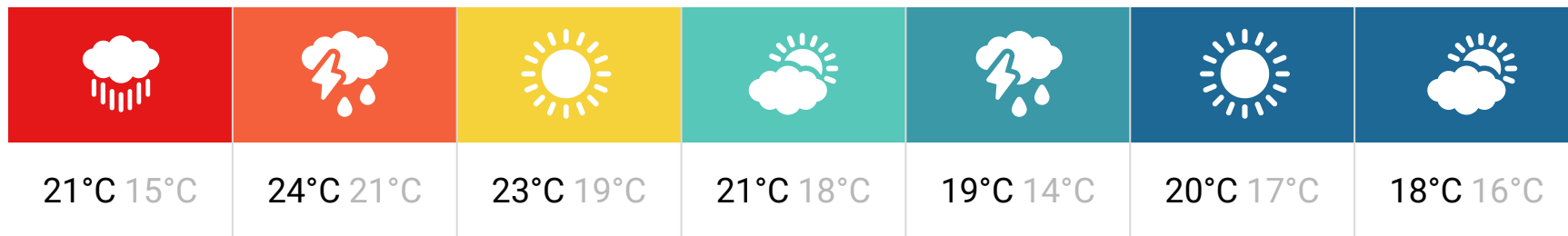
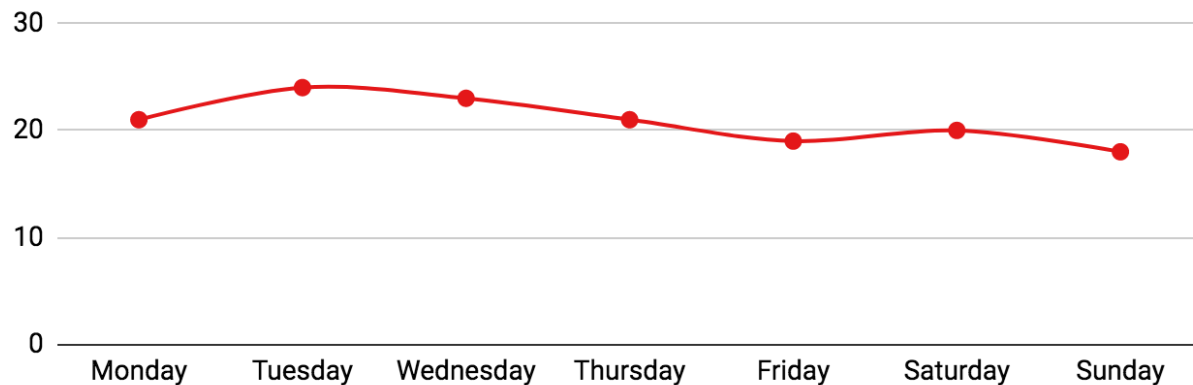
TAMILNADU WEATHER FORECAST REPORT

COIMBATORE	CHENNAI	TRICHY	MADURAI	TUTICORIN	KODAIKANAL	OOTY
						
24°	25°	32°	36°	29°	12°	18°
Partly Sunny	Humidity With 40% chances of Rain	Mostly Sunny with High Precipitation	Highly Sunny with Max Wind	Partly Rain Showers	Cold Temperature with Dense Fog	Dense Fog with Heavy Rainfall

INDIA WEATHER FORECAST REPORT

MUMBAI	DELHI	KARNATAKA	ANDHRA	KERALA	TELANGANA	GUJARAT
						
24°	25°	32°	36°	29°	12°	18°
Partly Sunny	Humidity With 40% chances of Rain	Mostly Sunny with High Precipitation	Highly Sunny with Max Wind	Partly Rain Showers	Cold Temperature with Dense Fog	Dense Fog with Heavy Rainfall

EARLY WARNING SYSTEMS



EARLY WARNING SYSTEMS

Local weather



Sunday
Sunny



17 km/h



SW

Wind Reports

Wind speed _____ 12 knots

Wind direction _____ SW

Wave _____ 2.2 m

Monday



Sunny
29°C / 98.6°F

Tuesday



Rainy
21°C / 71.6°F

Wednesday



Rainy
20°C / 69.8°F

Thursday



Sunny
32°C / 101.3°F

Friday



Sunny
35°C / 108.5°F

DISASTER RECOVERY

Flood Report

South Carolina is affected by Massive Flood

Landslide Alert

California in US has been recently reported with Landslide with more than 50 injured!

Japan

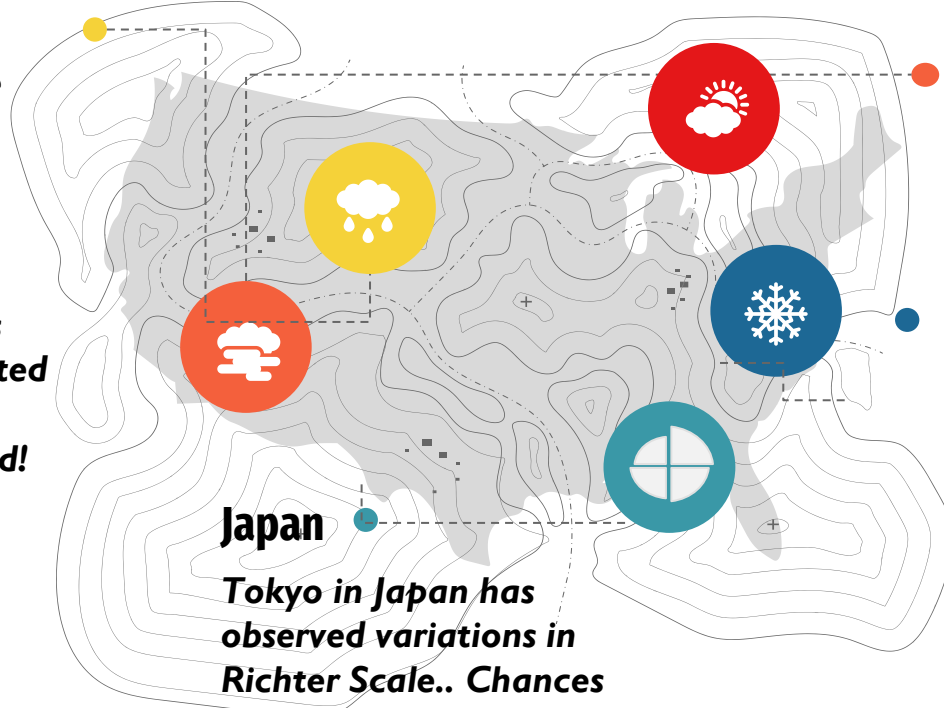
*Tokyo in Japan has observed variations in Richter Scale.. Chances of Earthquake!
Medical Crew Required*

Hawaii

Hawaii reports with Heavy rainfall of 30cm with Heavy Cyclone Winds

Antarctica

Antarctica continent records with Highest Snowfall



RECOVERY HEPLINE & SAFETY MEASURES

HELPLINE :

In this page ; user can drop their location for immediate helpline and provide the necessary details for the crew members and recovery team to do their service by getting user name , phone number details , the calamity they have stuck in.. Medical Emergency etc..

SAFETY MEASURES & GUIDELINES :

This page , contains some basic survival tips when user is in the tragedy.. It also provide survival tips to get out from the tragedy by helping with Medical tips and advice for life survival for each natural calamities

It also provides helpline numbers and location access