Weather Report project Abstract

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WEATHER REPORT

Objective:

Weather report application is a web based application through which you will able to get all the reports related to weather forecasting of any locations. Its geographical locator which will be received through your browser setting and server configuration will automatically identify the location and able to present its weather details such as temperature, direction of wind, rains, humidity etc. To change the location you will just have to select the options provided below to get its details. Its new avatars and feed burner will also allow its users to get the weather reports directly to their mail, when they were not able to access this particular domain or even when the server is down.

Its weather watch gadgets in animated form will able to notify about weather for particular date and time also. It will also able to focus on critical weather condition for a particular gadgets through this gadgets. So with one weather solutions, its users can get weather reports by getting information directly from satellite and radar via proper communication medium using java servlet coding. Its calculations and details are so accurate, that you can even check and match it from news channel. Its user's friendly tools are so simple to use, that even a child can handle it and get information on particular geographical area.

Existing System:

Previously built weather report web based application was compatible with system and every time users start this application, they have to set their default location to get weather reports on it. Due to complex coding, system responding time was high and require more memory to get start up. The concept of graphics for geographical region was not implemented in older version. Dynamic concept was not implemented under the existing system, thus theme and color of web page was not changing as per the weather report.

Proposed System:

Under web based weather report application, some exciting features has been added such as managing and handling exception error directly by the system which will be not visible by the user to make it bug free. Multiple choice provided to the user by which they can even select different weather channel as per their requirement and interest in it. Its pattern recognition system will able to notify abut bad weather condition previously before it begins with digital graphics is another added advantage of this system. Once location selected by the user for its system use, it will make it default location and remembered by the system so that users do not have to change every time they use this system.