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**ABSTRACT**

As we can see that the field of technologies has been increasing day by day. People are increasing their demands for the new inventions. People have adopted new life style with the advancement of technologies. People doesn’t wait for the newspaper in the gate in the early morning these days. Every home and all most every electronic devices are connected to the internet and the people have changed their way of reading news and being update second to second with news portal and other web application.

People have a lot of choices for choosing portal in internet and also on choosing categories to read. That obviously enhances the way of reading news. They also want to give feedback on the articles and even they can share article with their peers with the help of social networks. It is somehow replacing the printed media these days except some exceptions.

Our Project is ‘News++ is a model for news portal with easy and customizable control panel. In this project there are different types of users will be involved like Administrator, Editor, Author and the News-Reader. Administrator have overall power of system; he or she can create, delete and update each important components of the system like users, articles and advertisement. Authors are of two types; Editor and Reporter by name. Editors are capable of editing and updating along with creating his/her own article whereas reporters are only capable of updating recent news article and update their own article if needed.

This project basically for providing recent news for newsreader and the easy, user-friendly and powerful control panel for the news house and journalist to update news that even doesn’t need any trainings of using it.

**System Development Methodology (SDLC)**

System development methodology is a technique that is used to show how the proposed system will develop. The methodology used in our project “News++” is waterfall model.

**The Waterfall Model:**

The waterfall model is sequentially design process, used in software development processes, in which progress is seen as flowing steadily downward (like a waterfall) through the phase of conception, Initiation, Analyzing, Design, Construction, Testing, Production/implementation and Maintenance. It is a simple model and easy to use and understand.

**Design:**

Requirement Analysis

Design

Coding

Testing

Maintenance

**Figure: Waterfall Model**

**Advantages of Waterfall Model:**

* This model is simple and easy to use.
* In this model phases are processed and completed one at a time and do not overlap.
* Waterfall model works well for small projects where sequences are very well understood.