

A Visual Backchannel for Large-Scale Events

Aim:

The main aim of this project is to develop Visual Backchannel for large-scale Events.

Existing System:

In the existing system, Micro blogging communities, such as Twitter, are increasingly using as digital backchannels for timely exchange of brief comments and impressions during political speeches, sport competitions, natural disasters, and other large events. Here shared updates are typically displayed in the form of a simple list, making it difficult to get an overview of the fast-paced discussions as it happens in the moment and how it evolves over time. This has the unintended but well-known consequence that participants get distracted from the main event, have difficulties focusing, and lack an overview of what the backchannel contains.

Proposed System:

Visual Backchannel design provides an evolving, interactive, and multi-faceted visual overview of large-scale ongoing conversations. To visualize a continuously updating information stream, we include visual saliency for what is happening now and what has just happened, set in the context of the evolving conversation. Visual Backchannel integrates three visualizations with a list of backchannel posts via linking, brushing and filtering. In order to give new perspectives on backchannel conversations, we introduce *Topic Streams*. This is accompanied by two compact visualizations, *People Spiral* and an *Image Cloud*, presenting visual aggregates of active participants and shared images. These visualizations offer a visual sense of the conversation at the moment, using visual accentuations that make the present visible, in the context of the topical development.

Modules of the Project:

- 1) **Admin:** In this module, we can create current topics and can post images relating to that topic.
- 2) **User:** In this module user can select topic for backchannel conversation, can view the images related to the topic and current present users making conversation on the selected topic.
- 3) **Image Cloud:** In this module user can view and upload images related to the topic.
- 4) **Participants:** In this module we can view the users who are participating in the conversation.
- 5) **Post:** In this module user can post his view on the selected topic and can view the posts of different users on the same topic.

Software Requirements:

- Operating System : Windows XP
- Web Server : Tomcat
- Server side Technology : Servlets, JSP
- Client side Technology : HTML, Javascript
- Database : MySQL

Hardware Requirements:

- Pentium 4 processor
- 1 GB RAM
- 80 GB Hard Disk Space