**Implementation**

**MODULES:**

* System Framework
* User
* Reporter
* Admin

**MODULES DESCRIPTION:**

**System framework:**

In this framework, In this paper, we aim to build a scalable and unbiased solution to automatically detect social events especially related to celebrities along a timeline. This could be an attractive supplement to enrich the existing event description in search result pages. A novel approach is proposed in this paper using Smooth Nonnegative Matrix Factorization (SNMF) for event detection, by fully leveraging information from query semantics, temporal correlations, and search log records. We use the SNMF method rather than the normal NMF method or other MF method to guarantee that the weights for each topic are non-negative and consider the time factor for event development at the same time.

**User:**

In User module, Initially User must have to register their detail and after login user can view news posted by all reporters. News will be viewed in order of news posted date. Users can search news with search keywords. Users can also search images by entering the keyword in the image search.

**Reporter:**

In Reporter module, Reporter can login with Id and Password given by the admin. Reporters can add news and the added news will store in the database. Added news will queued in waiting list for admin approval. Reporters will able to see the added news and overall news posted by other reporters.

**Admin:**

In admin module, Admin will add reporters then id and password will be automatically mailed to the reporters email id. Admin will approve the news queued in the waiting list. Admin can view the reporter’s details and users details in the database. Admin can view all the news details posted by the all reporters. Admin can view graph analyze of searched keywords, most searched keyword search by all users.