**TV Show Popularity Analysis**

Reality TV is the new mantra of television producers and channel executives. It is the means to increase TRP ratings and the end is always to outdo the other channels and the “similar-but-tweaked-here-and-there” shows churned out by the competition. Most of the television shows, which are being telecast nowadays, are reality shows specializing in dancing, singing, and acting.

Everything now is a competition. So fierce is the competition in this segment that every channel boasts of at least two to three reality shows. Some of them are inherited legally from abroad, (mostly and always from the USA the Godmother of reality television) or some are cheap copies of the shows abroad. The Indian reality shows have also been consistently successful in offering a wide variety. From Talent Hunt Shows, to dance dramas, to acting flicks, talk shows, chat shows, cookery shows.... the „reality hunt list‟ is endless.

* We conclude to build such a system that will recognize people’s sentimental comments on TV shows.
* The comments from the viewer will be extracted along with the viewer details such as gender, location, etc…
* The comments will be gathered from various sources and the entry will be maintained into the excel sheet.
* The excel file will contain peoples name, email id, age, gender, location and comment.
* Based on people’s comment and sentiments, the TV Show popularity will be rated accordingly.
* Admin will Login into the system and can perform task such as Adding pages, maintaining entries, viewing graphs and printing the graphs.
* System allows admin to add pages by defining the name of the page and link of that page.
* All the entries from people are maintained by the admin in an excel sheet.
* The entries may contain name, email id, age, gender, location, likes-dislikes and their sentimental comment.
* Based on the people’s comment, a graph will be generated by the system, which will be categorized as age, gender, location and god or bad comments.
* Admin can also print the system-generated graph for maintaining a hard copy records.
* Visitors can view TV show popularity data in a graphical representation in pie charts and bar charts.
* Visitor can also view the popular show rating as well as the top show in a country.

**Modules:**

The system comprises of 2 major modules with sub-modules as follows:

1. **Admin** 
   1. **Login:** Admin need to login into the system by inputting the login credentials.
   2. **Add Pages:** Admin will add page details such as page name and page link.
   3. **Add Entry:** Admin can add entry for a page by selecting page name and providing other details.
   4. **View Graph:** Admin can generate 5 graph (Pie Chart & Bar Chart) based on Age, Gender, Location, Comment's Sentiment based on peoples review on each TV Show. Admin will provide the data in excel format and if that data does not have any field then admin will enter it randomly.
   5. **Print Graph:** Can print all the 4 graphs which is generated by the system.
2. **Visitor:**
   1. **View Graph:** Visitor can view 5 graph (Pie Chart & Bar Chart) based on Age, Gender, Location, Comment's Sentiment based on peoples review on each TV Show. Admin will provide the data in excel format and if that data does not have any field then admin will enter it randomly. Visitor can also view the popularity of every show.
   2. **Print Graph:** Can print all the 4 graphs which is generated by the system.

**Software Requirements:**

* Windows 7 or higher.
* SQL 2008
* Visual studio 2010

**Hardware Components:**

* Processor – i3
* Hard Disk – 5 GB
* Memory – 1GB RAM
* Internet Connection

**Advantages:**

* Sentimental comment analyzing and predicting good or bad comments.
* Easy prediction of TV Show trending based on people rating.
* Graphical representation of TV Show popularity.
* Sorting of graphs by Age, Gender, Location and Good or Bad comments based on peoples reviews or comments.
* Easy importing of data and exporting it into graph.
* Graphical data in printable format.
* Visitor will get to know the show popularity.

**Disadvantages:**

* Requires active Internet connection.
* May produce inaccurate results if data not entered correctly.

**Reference:**

* <https://www.scribd.com/doc/88836582/Reality-Tv-Shows-Project-Report>**Group no.=12**

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