

ABSTRACT

The main aim of the project is to extract the opinions about a mobile handset from the reviews that are written by the users on various reviews websites about and then summarize these opinions by generating the summary and a recommendation page that will be sufficient enough for the potential customer to decide whether to go for the product or not. The software also enables the end users or potential customers to compare the mobile handset with other handsets that are in the same price range. One can also compare different mobile phones feature wise.

The reasons to choose this project:

Today the E-Commerce activities of buying and selling items over the web have extensively increased. Before buying any product a potential customer likes to go through the opinions of others who have already purchased that product. Since there are enormous amount of reviews available on the web across number of review sites it becomes difficult for the willing-to-buy customer to refer to all the possible sites. Also each review site might have more than 100 reviews written by different reviewers. The reading them all is just not feasible for any potential customer.

Since reviews are written in natural language like English which is free flow language, it becomes necessary to identify synonyms, mapping two sentences with the same meaning and so on. Also in each review hardly 2-3 sentences out of 10 sentences might actually have opinions expressed.

A potential customer does not have sufficient time to go through such large reviews and through huge number of websites. If he read only first few reviews or goes through only few top review sites, this can result in opinion bias. Hence we are required to develop a summarization software which will not only summarize the opinions from various reviews and from various websites into one page summary, but also will give recommendation to the end user which will ultimately help him make the right decision.

