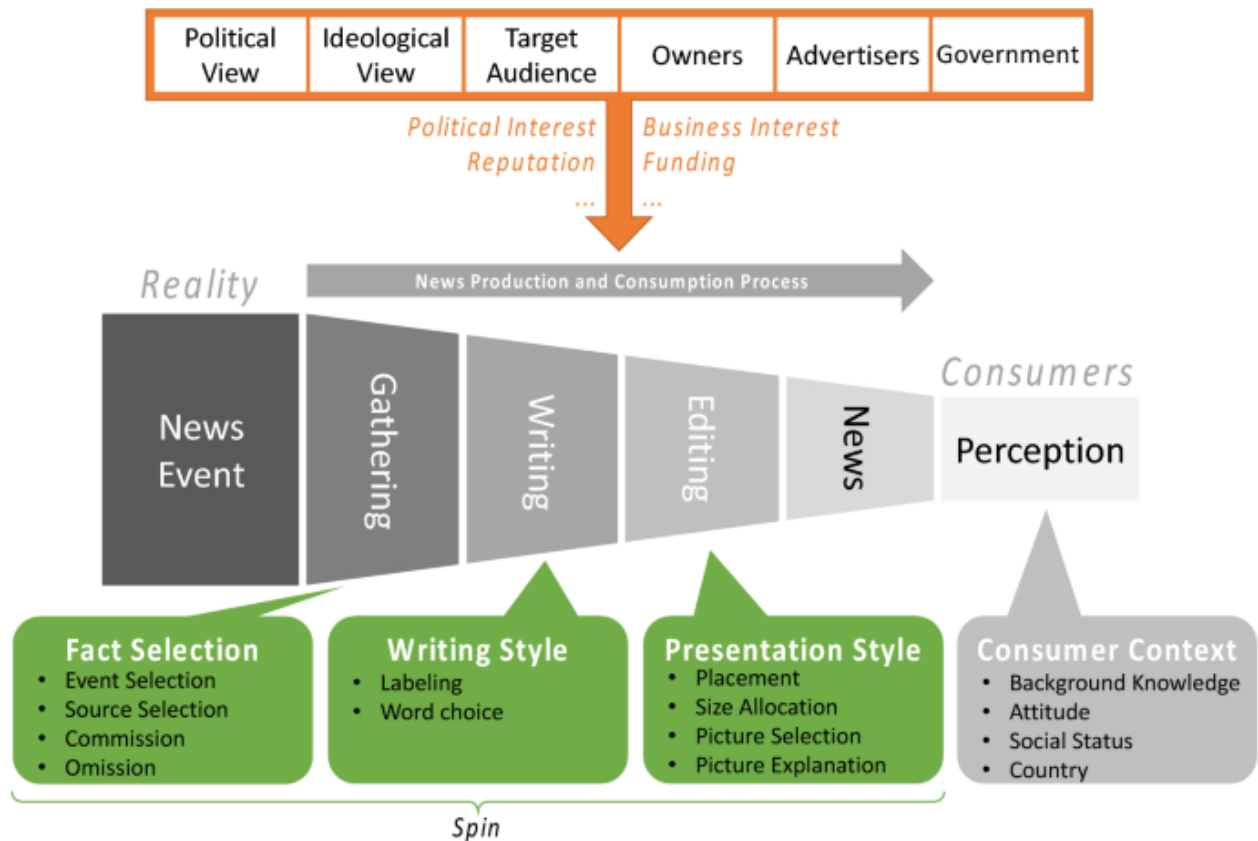


# NEWS TRACKER APPLICATION

## ARCHITECTURE:-



## INTRODUCTION:-

Mobile is one of the most important technologies in today's industry. Mobile phones are efficient communication devices and make life easier. The importance and uses of mobile are inexplicable which include communication, storage, entertainment, application, etc. Mobile phone applications broaden the effectiveness of mobile phones. It is important in all areas of life, especially education; it is indispensable in education and in information system areas stated in [1] [2] [3] [4]. One of important tools in the education institute is the mobile. Sohail et al (2013) introduced mobile supported learning in an introductory programming course at BUC [2]. Almost all mobile applications include features and properties that keep the people enjoyed and thus mobile are indispensable and mandatory in today's fast running life. The use of mobile applications run the gamut, from utility, productivity, and navigation.

Mobihones

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## Literature Survey:-

The current mode of conveying any news or information to the staff and students in BUC are emails and circular. One of the important tools in the educational domain in this generation is mobile as shown in the result of gulf university study. It states that 99% of the student has their own mobiles and utilize it for learning [2][6]. Moreover, BUC also incorporated smart board into their teaching and learning process[10] [11]. Now-a-days notification systems are widely used in telecommunication devices. It is becoming a very important and accepted trend in this generation. It helps in solving 130 <http://www.i-jim.org> Paper—Implementing a Mobile Application News Tool for Disseminating Messages and Events of... various problems in human life. Ahmad and Ricky in their research propose a system notification to support students for academic announcement in the campus environment. This system supports only android platform [12]. Risald, Suyoto and Albertus in their work designed a mobile application tool using user centered design which help deaf people to make medical emergency calls. It has icons which automatically connects to the nearest hospital without any audio communication [13]. A mobile application tool was also designed to show the relationship between performance in language and occurrence of depression in secondary school students [14]. L.Ashwin Kumar, in his research provides the basis for design and development of mobile applications that aid news broadcast access and interactive virtual community services, based on open technologies such as Android, Java programming language and MySQL database, etc. The intent was to create an easy-to-use, mobile, expandable and flexible, interactive client-server solution, including a gateway to web content. It also compared between different types of interactive services and news accesses[6][7][15]. Android application techniques was utilized to implement mobile application portal that consists of features used in Eastern Michigan University. It provides approach to android development due to its single focus on the data and environment. However, due to certain vulnerability, Android Mobile EMU Portal allows only viewing the data from Banner and cannot write information to its table that is the user can view the list of the available classes but cannot register for them [1]. The majority of

smartphone users (69%) have downloaded at least one news app, but only 20% are using news apps on a weekly basis. NIC Newman (2018), in his research shows his survey states that in current generation, it is a crucial and critical period for most technology companies as they defend and fight the growing criticism against them about the journalism industry and the impact of technology in societies [16] [21]. The student's portals and students timetables and the limitation of BUC system to change in different environments is overcome in research[8]. In this, the students portal and available courses for each semesters that the student need to know was implemented in the application. Based on the literature review, *preliminary finding shows that there is no technology for notifications process of news in BUC. In this research BUC portal is also accessible along with the news alerts and notifications*

### **Design and Development:-**

The analysis survey supports the necessity of an application, which will ease the communication, and notification of important news and events of the college. Thus on the notion that the entities in college are not satisfied with the mode of communication using the regular tools (Email, Magazine or any traditional tools) and need for direct mobile tool to save the time and to be in the time of event or direct news, the new application was to be developed