

## PROBLEM SOLUTION FIT

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.

Android application techniques was utilized to implement mobile application portal that consists of features. 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.

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.

The analysis of present system and requirement elicitation are conducted. For understanding the present system and the requirements, we used interviews and questionnaires. Open interviews are conducted with a sample of students, academic and administrative staffs to study the drawbacks and to understand what they want in addition to overcome those drawbacks. A questionnaire was also distributed which includes five questions about the satisfaction of using emails to get important news and events notifications, how often they check emails, which mode they prefer – mobile application or emails.

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.

The application helps the students and employees to facilitate the process of obtaining news. The system is very user-friendly and does not have any complex aspects that confuse students or employees or any users. This application starts with mobile application interface, which include many features that make it easy to keep track with latest news of college.