

Chapter 2: LITERATURE SURVEY

2.1 DIEMS Club

The project 'DIEMS Club' basically works on the idea to manage all clubs handled by students and teachers with the interference of that particular club. In this project the main focus will be on the club details, club activity details and the record of the documents including the previous record of the similar club. There will be record of each case and all the problems which user faces on it and immediate action will be taken to avoid further conflict.

The major reason club members are not likely to view these announcements published in notice boards is due to attractiveness. The announcements are poorly organized and categorized leading to club members having difficulties in finding important messages or alerts only related to them. Besides, the informality of some members also leads to avoid them, decreasing student's loyalty to assess to these announcements regularly.

Plus, notifications of announcement updates are also not acknowledged by club members effectively. In other words, club members will most likely be unaware of newly posted announcements or notices unless being notified by friends, lecturers or any other coincidental situation.

Announcements posted in the existing approaches also do not promote interactivity. For instance, club members could not make any enquiries, comments or suggestions for any announcements posted on the notice board. Hence, the student's doubts or confusion could not be cleared on the spot leading them to be uninterested of getting details of the particular announcement. Even approaches such as Whatsapp provides a platform for interactivity, many third parties are involved, causing a high probability for the announcement posted to lose its credibility and accuracy.

Certain tasks such as editing personal details also cause a hassle for members as they need to travel back and forth to their own faculty to complete them. With the existence of an Android application specially tailored for member use, the stated tasks could most probably be performed in a timelier manner. Plus, usage of unnecessary forms could be reduced; promoting an environmental-friendly culture.

2.2 Limkokwing Android Application

Lim Kok Wing University of Creative Technology has developed an Android application as a means for a mobile version of its student portal. With this application, students are able to access the latest information such as events, class schedules and exam results besides receiving reminders on outstanding fees or assignments. (Limkokwing University of Creative Technology n.d.)

Before being able to access the portal, student login is firstly needed. The following screens upon successful login are then generally organized in tabs. The “Today” tab generally summarizes student’s time table for the day itself with details of each class including its time, lecturer and location. Meanwhile, the “Calendar” tab is then further divided into two subnavigation tabs namely “Timetable” and “Events” in which “Timetable” displays weekly class schedule with day’s classes highlighted whereas “Events” shows the events that are happening in the university. (Limkokwing University of Creative Technology n.d.)

The third tab which can be found in the navigation tab upon successful login is the “Module” tab. The function of this screen is to display an overview of all the subjects that the student is currently taking for the semester and the days these subjects are held. Upon selecting any of the displayed subjects, student will be able to view more details such as location, time and lecturer as well as downloading course materials for the particular subject.

BIS (HONS) Business Information Systems Faculty of Information and Communication Technology (Perak Campus) UTAR 15. The next main tab will be the “Profile” tab which is yet again divided into three sub navigation tabs namely “Information”, “Results” and “Fees”. As the “Information” tab is being pressed, the student details which include Student ID, Passport/IC No., Date of Birth and Course will be displayed. Meanwhile, the “Results” tab will show student’s exam results for the previous semester and the “Fees” tab displays the outstanding fees that the student owes the university. Other modules and functions can be accessed by the students whenever the “More” tab is being selected. (Limkokwing University of Creative Technology n.d.).

The following diagram shows the screen shots of several main tabs of the Android application specially catered for Lim Kok Wing University students:-

University of Virginia, a public research university located in the United States of America has eventually selected WillowTree Apps as the main developer of its Android application. One of the application sophisticated features includes an augmented reality view of the

campus in which students can use it to search for buildings on grounds besides identification of a building. A campus map is also readily available in the app and with the integration of a Global Positioning System (GPS), students could pinpoint which location of the campus they currently are at.

The application also provides Athletics feature where students could access to updated scores, schedules, videos and photos of a particular sport event and even the profile of an athlete that they favour. Other brilliant features include Courses where student could search for classes and find out in-depth information of a selected class, Alumni where graduates are updated with Homecomings and Reunion schedules, Health System where students could directly make an appointment with health consultants of the university, Student Support where medical advice and other motivational efforts are provided and Alerts where students will receive push notifications whenever there are new stories or announcements in the university itself. (WillowTree Apps, Inc 2012)

The following diagram shows a screen shot of one of the user interfaces of the application:-



Figure 2.2.1 – One of the user interfaces of University of Virginia iPhone application (WillowTree Apps, Inc 2012)

2.3 University of Virginia Android/iPhone Application

Lawyer Dairies Mobile Apps allow you to use your data even outside your office and you don't need to carry old fashioned bulky diaries with you. Our mobile app do not bound you to manually update information. Data added by your associates (Sub Users) will be available to you in fraction of seconds. The features of the app are discussed below:-

Client Case list & tracking

The Lawyer Diary App (LDA) adapts to any practice area or law office, so you can easily organize, access and keep track of all your cases.

Detailed client management

The Lawyer Diary App (LDA) lets you easily store, organize and find all your clients' data (cases, appointments, to-dos and notes) in a structured way. You can manage your client data both on-line and offline. Plus, in a few clicks, the data will be sent directly to your email box.

Alerts & reminders

Using the Lawyer Diary App's (LDA) alerts and reminders, you'll never miss an appointment or miss to close an important to-do item on a case.

LDA gives you the confidence that you will never miss anything.

Easy-to-access centralized data

The Lawyer Diary App (LDA) operates in the cloud, enabling you to work from anywhere.

Extensive user access management

The extensive options for user access management in the Lawyer Diary App (LDA) ensure confidentiality, especially when dealing with sensitive cases.

Firm-wide & individual appointment management

The Lawyer Diary App's (LDA) firm-wide and individual appointment management feature delivers smooth workflow in small and large firms.

