

NEWS TRACKER APPLICATION

IBM – LITERATURE SURVEY

UNDER THE GUIDANCE OF

Industry Mentor(s) Name : Priya Darshini

Faculty Mentor(s) Name : R Nedunchezian

Team ID	PNT2022TMID52669
Project Name	News Tracker Application

SUBMITTED BY:

Thirumalai Selvan R - 1905120

Arun Pravin A S - 1905069

Joel J - 2005208

Kartheeswaran K - 1905089

CASE STUDY I

TITLE

Android News App

AUTHOR

Brijesh Joshi, Nehal Patel

PROJECT DESCRIPTION

As world's technology is rapidly growing we have fast connection and network to instantly connect to other person. Day to day use in mobile, tablets and laptop is increasing, most of the people already have these facilities. In this fast and information oriented world we need to stay updated with every incidents and news too. This News app is android mobile application where user have access to latest news from 120+ newspapers from 50+ countries. The main focus of this application is to connect news articles from all around the world and deliver it to user as fast as possible in best visualize way. Android provides simple application structure and requires Java and Mark-up languages knowledge to work with. Such as, an discrete movement delivers a solitary screen for a user interface and a service whole completes work in the contextual [1]. We can work on different module separately and can combine at the end, we can also add future modules easily afterwards. API (Application Programming Interface) which is an intermediate interface between different applications. It provides automation, immediacy, adaption and personalization. News API provides us the source of news articles from many different sources at one place and updates it. To expand the sources old fashioned Admin panel can be used where writers will fill the gap of API.

CASE STUDY 2

TITLE

Survey Paper on “An Android Based Mobile Framework for Student Alert Notification”

AUTHOR

Sagar Gore , Nitesh Sonawane , Sayali Pawar , Mrunal Nerkar

PROJECT DESCRIPTION

Android phones are now become handiness to many and much people with the advance of electronics and communication technology. They are getting wide acceptability because of their utilized cordial applications. This paper deals with such an android application made for academic avail of students, and teachers and staff s of the educational institution. Its features are- provide class and laboratory schedule, notice board, teachers update, notification for recently inclusive updates, CGPA (cumulative grade point average) calculation. Its goal is to provide avail in academically works by making communication more facile, provide simple and quick access to information. Though it has been development for a specific institution, this application has the possible tractable to inclusive much assistive function and have extent version for a wide range of users. This android mobile application was designed for the department of Applied Physics, Electronics & Communication Engineering under Faculty of Engineering, University of Chittagong. It can be further enhanced by including more services to provide if a new need arises with time. Commercial organizations have been utilizing android apps for Electronic Health Record (EHR) and Utility billing application and much more. With some edition, this app also can be utilized within commercial organizations for official purposes.

CASE STUDY 3

TITLE

Exploring mobile news reading interactions for news app personalisation

AUTHOR

Marios Constantinides¹ , John Dowell¹ , David Johnson¹ , Sylvain Malacria^{1, 2}

PROJECT DESCRIPTION

As news is increasingly accessed on smartphones and tablets, the need for personalising news app interactions is apparent. We report a series of three studies addressing key issues in the development of adaptive news app interfaces. We first surveyed users' news reading preferences and behaviours; analysis revealed three primary types of reader. We then implemented and deployed an Android news app that logs users' interactions with the app. We used the logs to train a classifier and showed that it is able to reliably recognise a user according to their reader type. Finally we evaluated alternative, adaptive user interfaces for each reader type. The evaluation demonstrates the differential benefit of the adaptation for different users of the news app and the feasibility of adaptive interfaces for news apps. Personalisation of news access clearly needs to extend beyond 'what' content users access to 'how' they access it, as evident in the abundance of mobile news apps offering personalisation features. The personalisation of news app interaction is achieved through making the interface adaptable. Adaptive news interfaces that 'automatically' adapt to the way the user reads the news in particular contexts are not found, other than in re-ordering menus of headlines to take account of previous reading choices.