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Convergo-Institute's Personalised Content application

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CHAPTER-1

ABSTRACT:

A Content Application for institutes enables to centralize all the required information at a single place to access it. the main objective of the application is to focus on the ongoing and upcoming information with a single source of connect and making it manageable easily with less domain knowledge The existing management uses different website for publishing notice, links, circular ,registration. This is very time consuming process. as to check and keep in touch will all sources of information which increases the chances of miss the required information. Thus a platform is require for the institue's which will help them managing keeping all different fiel of information , notices and forms in one place thus it can be available for end user looking for multiple resources.

INTRODUCTION:

Electronics-based networks have brought widespread transformations in the way information flows in university campuses. Traditional face-to-face and paper based campuses are now part of a more rich and complex environment where electronic networked information resources have grown in importance. Universities are traditionally highly decentralized organizations, so corporate information resources management is a challenge[3] Earlier the leading universities found a challenging job to manage the

exchange of information on the university campus as it was an excellent task to perform. So in the 1990s, they started shifting towards a better way by use of Digital Technology[1]. Which has resulted in the exponential growth of information sharing. The information in the Campus can be of Activities , events , Seminars , news and other related information which management has to provide to the respected student , faculty or department. These systems include, but are not limited to, student registration and enrolment, student and staff data, course work and exam information[5]. The application focuses on presenting information in an easy and intelligible manner which provides facilities like, circular notifications, result viewing , passing the relevant information to a target batch or department and enabling notifications to wide spread the reach .thus reducing paper work and automating the record generation process in an educational institution The information within the institute is very unstructured in the manner of information sharing and retrieving the institutes uses different platforms like Instagram , facebook , linkedin , google forms for collecting the responses and passing the means of information. the applications can manage the content and collect it all at a single source of access which can make it easy for management as well as viewing and also sharing the information to the other means of platform. As in the tough times like Covid 19 the demand for digitalization and resource sharing has been increased very much . so a need of application which can help the education sector for managing the points of content and information can be very helpful and can reduce a lot of difficulties . This paper focuses on carry out those difficulties and giving a prominent solution.

SCOPE:

The Deployed project could be useful for various institute's and business for information sharing by using the minimal and easy to operate application which can manage your tedious task of content sharing bring all at a single place.

OBJECTIVE:

- ❖ Need of a centralized mobility application to get the required information at a single point of source.
- ❖ Missing the essential information on time because of less notification ability
- ❖ Requirement of Technical staff to operate , maintain and update the contents of the application
- ❖ Receiving only the relevant content and updates to specific user only.

- ❖ Generating and managing of data , creating events , activities . applying through a single application.
- ❖ Getting Categorised information on a relevant field and work

CHAPTER-2

LITERATURE REVIEW:

A Systematic literature Review as the process of identifying, assessing and interpreting all the research results in order to provide answers to research questions[15] consist of several activities namely: specifying the research questions , selection studies , extracting required data , synthesizing data, and describing the results.

The research Questions was determined to keep the review focused the research questions defined for this study are shown in table 1.1

<i>SR.</i>	<i>Research Questions</i>	<i>Motivation</i>
1	What are the campus features	Identify the feature of campus to have objective guideline when developing
2	What kind of technology support campus implements	Identify the suitable technology used in papers
3	Is there any standard model developed	Identify the generic model used for CIS development
4	What are application implemented in campus systems	Identify the verity of Campus information applications and research challenges

Figure 1.1 – Research table

SR.	AUTHOR	TITLE	LIMITATION	CONCLUSION
1.	Krithi P	Student Management System	High cost of oracle database	It will reduce the paper work of the institute.
2.	Muhammad Asif and John Krogstie	Mobile student information System	Not having different domain news's	Students can access lecture resources easily
3.	Mohd Nazri Ismail	Student Information System (WAP based)	Having only lecture resources to offer	Will minimize the bridge between information and student
4.	Bimal Aklesh Kumar	ARTENA	only administrative staff can access the system	Can easily get report student card through system
5.	Bimal Aklesh kumar	PREMIUM	Having No event Awareness Feature	System will create a statistic representation of student performance

SR.	AUTHOR	TITLE	LIMITATION	CONCLUSION
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6	Basaveshwar Engg. College, Bagalkot, Karnataka	Web Based Student Information Management	<ul style="list-style-type: none"> - NO notification - complex database - Web based 	It focus on the student Exam, details,Academics, Timetable.
7.	Ms. A. V. Sinhasane	College Department Management System	<ul style="list-style-type: none"> - Less focused on campus - Poor UI/Navigation - Only Research paper 	It mainly focuses on voting feature
8.	Muhammad Asif and John. Krogstie	mobile student information system	<ul style="list-style-type: none"> - No notification feature - Symbian OS - No Local Information 	College campus location search like parking etc.
9.	Tahsin Yomralioğlu	WEB BASED CAMPUS INFORMATION SYSTEM	<ul style="list-style-type: none"> - Only web based - Only campus location related information - GIS 	More focused on campus then students.
10.	Mohd Nazri Ismail	WAP Based Information System	<ul style="list-style-type: none"> - Information cannot be accessed at any time - Result acess at main campus 	This study focuses on the development of a mobile browser in campus environment

SR.	AUTHOR	TITLE	LIMITATION	CONCLUSION
11	Bimal Aklesh Kumar	USP-CI	Not having attendance feature	Can get the student data (finances etc.)
12.	Anis Liyana, Abdul Rahman	Mobile Application on campus news	Access given to admin is partial not full	App will increase the efficiency of the students.
13.	Ritu Malhotra	Android application on campus system	Used Technology was not effective now.	System will serve to the purpose of administration
14.	Michael Schulze, Markus Maron	Campus news	Not having push notification and any algorithmic feature.	Student will get instant news through Bluetooth.
15.	Shilpa Bilawane, Pranali Jambhulkar	Information system based on college campus	- Focused on student information rather than campus news.	Students will be able to receive info. anytime
16	Ms. A. V. Sinhasane	College Department Management System	It doesn't have future accessibility feature	It should have future accessibility feature in system.
17.	Karanam Srisha	College Notification System	The research paper is based on Academics only	It is not useful for extracurricular events

18.	Sagar Rajebhosale	Smart Campus	Student, Teachers, H.O.D., and Principal can use this system	Not useful for everyone
19.	Tandra Narasimha Rao	Student Notification System	Admin only, Only useful for students.	The research paper focus on student database only.
20.	Divya R. Sharma	NotifyMe	Academic based only	User can see their details like result, attendance.

Ekta Kishore -

Paper 1: MOBILE APPLICATION ON CAMPUS NEWS FOR UTP STUDENTS by Anis Liyana Bt Abdul Rahman

Information is very essential especially in the age of globalization. Information provided the knowledge that keeps the people informed and needed for making decision and taking action. Some informative facts that a research in the U.S (Rosenstiel and Mitchell, 2012) has shown almost half of all U.S. adults now have a mobile connection to the internet with 44% of them owned a smartphone. This has significantly great impact on mobile application for news with 62% of the smartphone owners reading

the news through their smartphones. For most people, mobile technology is a way to get breaking news. There are few research has been done in accordance with developing mobile application for on campus news consumption. A study by Ye, Woods, and Curran (2009) in University of Ulster in UK has found that students do possess smartphone and take the opportunity to develop a mobile application that provided the students with easy access to campus information and helps the staffs to deliver important university information. Research by Anis Liyana Bt Abdul Rahman mobile applications on campus news for UTP(Universiti Teknologi PETRONAS) Students. The application will be able to display the news into four categories which are academic, events, co-curriculum and residential college. In the academic section, students can filter the news by programs to ease them to search for relevant news. Meanwhile there is an admin (Student Representative Council members) will be in charge of the news since they are the students and have good relationship with UTP staffs. As for academic related news, the lecturer will be able to post directly the updates. The news will be stored in the database of the website using phpMyAdmin. The advantage of this app is it is very easy to use and the disadvantage was that admin can only posted news.

Paper 2: An Android Application On Campus System by Ritu Malhotra

Research by Ritu Malhotra, Deepak Kumar, D.P Gupta by Chitkara University. The main motive to build the app is to serve various purposes of students, teachers, and administrative staff of an educational institution under a single application. It provides a portable environment, but the working of the application varies depending upon the requirement of the user to the user. Similarly, teachers, parents, and administrative staff also connected with each student. Parents can track their child's performance. Administrative officials able to issue certificates to a student without any issue, faculty maintains the attendance, marks details easily through this mobile-based application. In this paper, the authors designed and develop an application with the help of Android Studio and SQLite Database. Limitations there no new technology is used For eg we are using a Flutter which is cross- platform and advanced UI design and also using cloud storage to store data.

Paper 3: CAMPUS NEWS - Artificial Intelligence Methods Combined for an Intelligent information Network by Michael Schulze, Markus Maron

The Campus News System is based on results of the research project IASON3, funded by the "Stiftung Rheinland-Pfalz für Innovation". In such an environment, so-called service nodes are installed at chosen points of interest. These service nodes broadcast messages to nearby mobile users using Bluetooth wireless technology. For example a book shop could send its latest offers, or the University restaurant could present its menu or a faculty presents the schedule of events to the students. Each message is annotated with a profile, so that end users will only receive messages that are of interest to them. As of today, users aren't used to application installation on these devices and as such distrust the idea. To overcome both the technical shortcomings of mobile devices and the need for application installation, we chose to move the decision process (the "reasoning engine") from the mobile phone onto a server, thus eliminating the application. The problem of the user now needs to be entered centrally on a web page. The following describes this solution, which we call "Campus News Information System". In this section we describe the methods of artificial intelligence which are used within the CampusNews environment. As mentioned before we are developing an information system which allows bi-directional flow of information. Each direction requires its own methods of filtering and selection to make sure that only wanted messages pass the system and reach the user. Limitations is that they are using hardware(nodes) which make the project little complex.

Paper 4: Information System Based On College Campus by *Shilpa Bilawane, Pranali Jambhulkar*

Project focuses on the development of a mobile application in campus environment that supports information services in campus environment. The architecture of the System will consist of three components: an android application as the user frontend, a server application in the middle, a freely scalable number of service nodes for delivering the information to the mobile devices. Activities Information: - Students can view details of schedules for various events. This will help students keep better track of extracurricular activities and events and Library Information: - The students could get all the information of which all books and latest magazines are available in college library. Limitations it is very simple app there is no extra features like push up notification, AI algorithm etc.

Paper 5: Student Information System by Dr M Ramakrishna

The system has come up with many functionalities for educational institutions to track the student progress and managing attendance. It helps both student and guardian to keep track of student progress without visiting to the college. It also notifies student and guardian during the time of important events which are happening in institution. One more feature is guardian get alerted whenever student get

failed in the exam or student not able to meet the expected attendance average. Student Information Report System (SIRS) is application software and which has intention to begin a conductive and direct interchanging the statistics in a secure platform to coalesce with students, faculties, parents and the college/school administration. Notifications will be conveyed to the respective guardians through SMS when particular student not able to attend the class as per the university guidelines and also email can be sent to respective parent. Admin users will have all the privileges and access to the application. Admin user is a root user; he is having complete control over the application. Limitations is the system is focused on student performance and attendance not on the campus information(news).

By Chandan Maurya -

Paper 6 : College Department Management System[5]

Collage Department Management System is a web based system with features like activities, voting and feedback of each event. It is a system in which only an authentic person can log in, the administrator can list the events and 3 take feedback as well as can carry out a voting as well. The Collage Department Management System is designed and created in order to reduce the man power, time and money and to automate the management works. The whole Collage Department Management is highly secure and designed to take only authentic voting and feedbacks but it lacks the feature of notifying users about the event and news of the collage.

Paper 7: SMART CAMPUS – An Academic Web Portal with Android Application[10]

Smart campus is a mobile as well as well as web application. The application has four different type of users: Student, Teacher, HOD and Principal and each individual will have own application user interface respective to their type and have access to feature regarding their designation. The major aim to design SMART CAMPUS system is to automate the management and also to easily report the higher authority with the finest and authentic detail about all aspects of the collage. So the purpose SMART CAMPUS is to make collage tasks easy. The major setback of SMART CAMPUS system is to manage the different user interface for four different users (i.e. Teacher, Student, HOD and Principle). There may be a conditions where it may get difficult to make everything work smoothly.

Paper 8 : NotifyMe- An Android Based Application For Student Services Administration Divya R. Sharma

Notifyme is an android application which is currently used in various Mumbai University. It is an android app that have features such as student remarks, exam performances, grades, timetables, notice etc., and it provides interacting environment for staff-student as well as student-parents by showing student performance through the application. The main purpose of notify is to automate the office work and managing student information in an institute. It also made the announcement process easier to operate and more users can be easily notified, The major drawback of the system is that it can only be accessed by the android user, the ios users cannot access it because it does not have the web version either.

Paper 9: College Notification System [7] Karanam Srisha¹ ,MatasugurNivedita² , Sandhya. K³ , Swathi. D. V⁴

This android based college Notification System application focus on aims to notify students and faculty. Traditional notice board requires lots of pen, paper work and also wastage of papers. Generally, colleges use traditional paper-based notice board. The users can get the notices through ENotice Board from anywhere in the college campus. The Application implement ENotice Board program which can run on any computer system either by local area network or wired or wireless network. Enotice board allows students and faculty to views notices wherever they are. The drawback of the system is it has limited users and this application focuses on only academic activities.

Paper 10 : Android Based Campus solution for campus management system [9]

Android Based Campus Solutions” is the focuses on system which mainly connects the students, staff, parents, alumni with the college using mobile phone. The staff can enter attendance of students, internal test marks, can share notes, etc. The students can get notifications time to time about the tests, events, etc. The parent can anytime check their child’s attendance, performance. The parents get notified with the achievements of college the striking feature of this app is that the students or alumni can get their certificates, concession forms using the app. They get 5 notified when their document is ready. The institutional holiday list can be broadcasted on the app. The different circulars notices can be quickly forwarded. One more important part of the app is appointment scheduling, anyone can make

use of this feature and schedule an appointment with principal and vice principal by checking their availability. An application not focusing on other extra-curricular activities which is major missing part of this application, it is only accessible by android user.

BY Chandan Kumar Rai -

Paper 11: College Department Management System Ms. A. V. Sinhasane¹, Ms. A.N. Kashid², Ms. P. J. Kumbhar³, Ms. P.R. Shirpale⁴, Prof. S. L. Mortale⁵ [5]

College management system is intra-based application that can access throughout the institution or a specified department. This system may be used for monitoring attendance for student as well as staff logging may in also access or can be search any of the information regarding college. Attendance of the staff and student as well as marks of the student will be updated by staff. This System mainly focuses on engineering college to maintain and facilitate easy access to information. College management system is academic based system which only focuses on providing information related to college which is in the database.

Paper 12: Student Notification System (SNS) International Journal and Magazine of Engineering and Technology, Management and Research. vanthi's St. Theresa Institution of Engineering and Technology, Garividi, Vizianagaram.

Student Notification System is an android application which is helpful for students as well as the college management to maintain all the college information. In the existing system all the activities are done manually. It is very time consuming. In our proposed system, students can view results using their smart phones (Android). All the data will be stored in the college server. In this system, students have easy access for viewing the marks, provided their username are correct and they are not permitted to update any content in the server. In the student's module, student can view their attendance, exams schedule, marks as well as he can view other student's marks and attendance but he can not be able to update any of the data. Admin maintains the student's marks of internal college exams. Students can view all Notifications from the application directly. Application also includes implementation to support above facilities to its students. Student's attendance is also monitored by the application

Paper 13 : WEB BASED CAMPUS INFORMATION SYSTEM Arif Çağdaş Aydınoglu ¹ , Tahsin Yomralioglu

The Campus Information System for Karadeniz Technical University collects university's various data consisting of education, management components and topography, land use. "KTUBIS" named as Karadeniz Technical University Information System provides the sharing of information for the university as a result of building a database and presenting the data on the Internet. "KTUBIS" is designed and built with usual GIS phases. Web technologies are examined. A web based campus information system has been developed with the using of developing web technologies. Since Internet is an effective solution, departments can use GIS International Symposium on GIS, September 23-26, 2002, Istanbul-TURKEY together with web technologies unlock the location components of their data in one centralised place or contributed places such as information departments

The Paper mainly focus on the campus land information like parking and canteen facilities with less view on student management and its information.

Paper 14 : Effective Campus Management through Web Enabled Campus-SIA (Student Information Application) Bishnu Prasad Gautam, Shree Krishna Shrestha, Member, IAENG

Campus-SIA (Campus Student Information Application) is a web enabled software application for the management of student data. It enables the administration to enter the academic and financial data related to the student through web enabled browser that ultimately enhances the overall productivity of the administration. Productivity has been enhanced due to its feature of collaborative management at which all campus staff can work together which has created better chance to address the given task in the administration efficiently.

The drawback of the system is it is similar to all academic application system and it is web-based application and disadvantages of web-based software are that it has the inclination to run slower than software that is stored on an actual local hard drive and if the web-based software server goes down it will prevent all its users from accessing the application.

Paper 15 :College Automation System Pooja S. Sharma, Reshma R. Shetty, Gayatri V. Yadkikar, Prof. Dhanashri Kanade Department of Computer Engineering K.C. College of Engineering & Management Studies & Research – Thane (E), India

College Automation System consists of different modules such as student, faculty, admin etc. College automation system is the software which gathers the basic information of student automatically. This software manages the information about various users including faculties, information about subjects

offered in various semesters marks obtained by Students in different semesters and then generate a final report of each and every student. This system not including Extra-curricular activities that help students to learn about themselves and develop and use their skills and knowledge in different contexts and this application has limited users also.

BY Mishan kumar Patel -

Paper 16 :Development of WAP Based Students Information System in Campus Environment Mohd Nazri Ismail

System (WAP based) which lets user access lecture data anytime anywhere. So, to minimizing the bridge between information and student. {Mobile based}. This study focuses on the development of a mobile browser in campus environment that supports WAP as well as Web service. The system will help students to check their academic result and related courses information, view the own personal information, check for announcement, and even courses registration

- WAP based System
- Access to lecture and other resources
- Can access by mobile

Drawback:

- Only lecture resources
- No event details

Paper 17: Information System Based On College Campus by *Shilpa Bilawane, Pranali Jambhulkar*

Limitations: It is very simple app there is no extra features like push up notification, AI algorithm etc. Thus our project focuses on the development of a mobile application in campus environment that supports information services in campus environment. It is clear that there is a need for development for mobile services and terminals in campus environment and students are able to retrieve information at anytime and at any location.

Paper 18: Campus Management System Prof. Dr. Rainer Alt, Dr. Gunnar Auth Accepted: 2010-03-11

The aim of developing the Campus management systems in higher educations is to advance both the efficiency and the effectiveness of the entire study organisations, and as a consequences, improving the quality of teaching and learning. At a base level CMS comprises functionalities for managing teaching and learning. In a broader sense, CMS offers electronic support not only in the areas of teaching and learning management but also in research and resource management (e.g., human resources and accounting) as well as teaching itself (e-learning).

Key Features of CMS

- Student Administration(i.e. application, admission, enrolment and fees management)
- E-Course Management
- Exam administration for planning organising and announcing.
- Reporting and attendance
- Cross-departmental functions to ensure the integrated nature of the system, in particular document and identity management.

CONCLUSION

CMS is a must to implement Bologna process at an operational level. With the increase of complexity in management due to the rise of greater data and Digitisation it is necessary to have CMS. Through CMS Institutes can offer E-learning and can communicate better with the students. The development, Integrity, security and maintenance of these system will be a big challenge. However, The shape of CMS will evolve as will the sector of higher education.

CHAPTER-3

EXPERIMENTAL SETUP:

We have used flutter for the development of our app. **Flutter** is an open-source UI software development kit created by Google. It is used to develop applications for Android, iOS, Linux, Mac, Windows, Google Fuchsia, and the web from a single codebase. We have developed the whole UI as well interactive features of the app on the Flutter Framework, from the login page to user profile everything is created on the Flutter. To make our application more Interacting we will be using Rive is a design tool that is used to design, animate and immediately integrate your assets into any platform. We will be using it to make our Application more engaging for the user and through the animations we will make our application more appealing to the users. For Database We have used **firebase** for our backend services. We will store all user data as well as event and announcement data on the firebase storage. As the user login we will check in the database then only he can login. New user have to register before and will save the records and user detail in database, then only he/she can use the app. The **Firestore** **analytics** also allows segmenting the app audience on different parameters and grounds. The integrated console allows segmenting the audience on the basis of device information, custom events, and user characteristics. The firebase also has feature of **EMAIL-ALERT**, It allows sending email alerts when required. Administrator can create events for announcement these events will be stored in firebase and the Administrator can modify or delete these events as our application is CRUD Application. In order to show most relevant data to the user we will be using **machine learning** to analyse what kind of data user will look-out for. Through Firebase we can easily get the service of machine learning on our data and by this we can show user the kind of announcement/news and event they look-out for.

METHODOLOGY:

METHODOLOGY: ADDIE Model

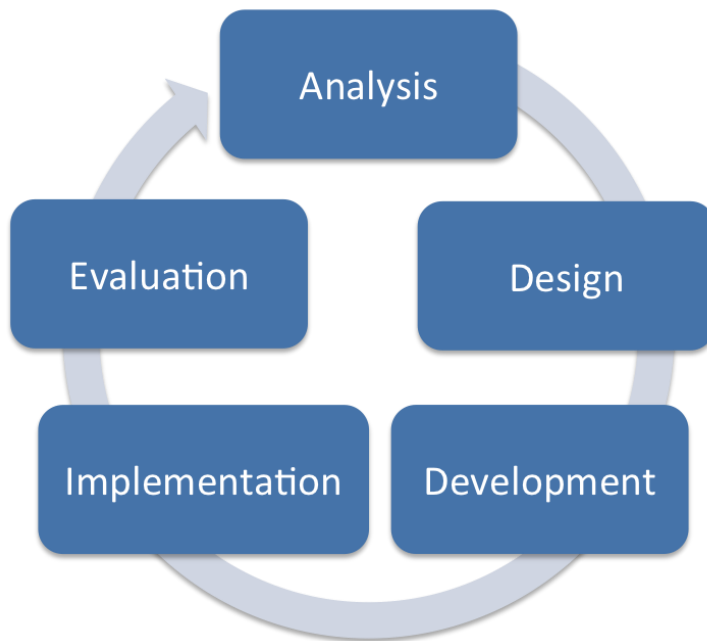


Figure 3.1 Addie Model

There are five main phases in this project, they are -

- ❖ Analysis phase
- ❖ Design phase
- ❖ Developments phase
- ❖ Implementation phase
- ❖ Evaluation phase

Analysis phase:

Due to the widespread use of mobile technology, implementing the application which display information in an easy and intelligent manner helps students to keep update about ongoing and future

activities. This application is used through the students' mobile phones instead of the various different platform used by the management to pass on the required information from one site to another as they are usually ignored by them or old way to notify students by notice board. This application supports the students' learning process and increases their awareness about ongoing and future coming events which will improve their participation and engagement with the required subject. The information will be passed in the target manner instead of circulating to each and every one of the recipient to get the required feedback and being the high accuracy of the target to get in touch of the given information and act accordingly.

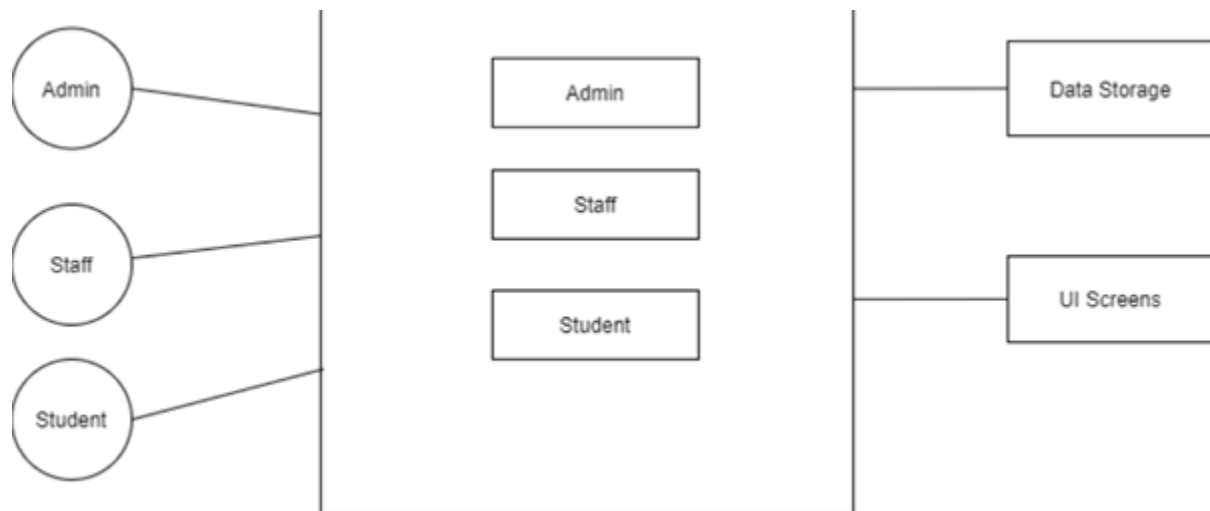


Figure 3.2.1 Analysis Model

Design phase:

Based on the results obtained from both the analysis phase and survey, an application is designed which help students and staff to aware about events occurs in the institute. The Design should be milimistic and get can be easily conveying to the end user. The main section will the center of the project which is feed section through which all section will be reached so the information feed will be of fully covered so the user will be thoroughly focused on one section of feed at a time so the content will be effective and understandable.

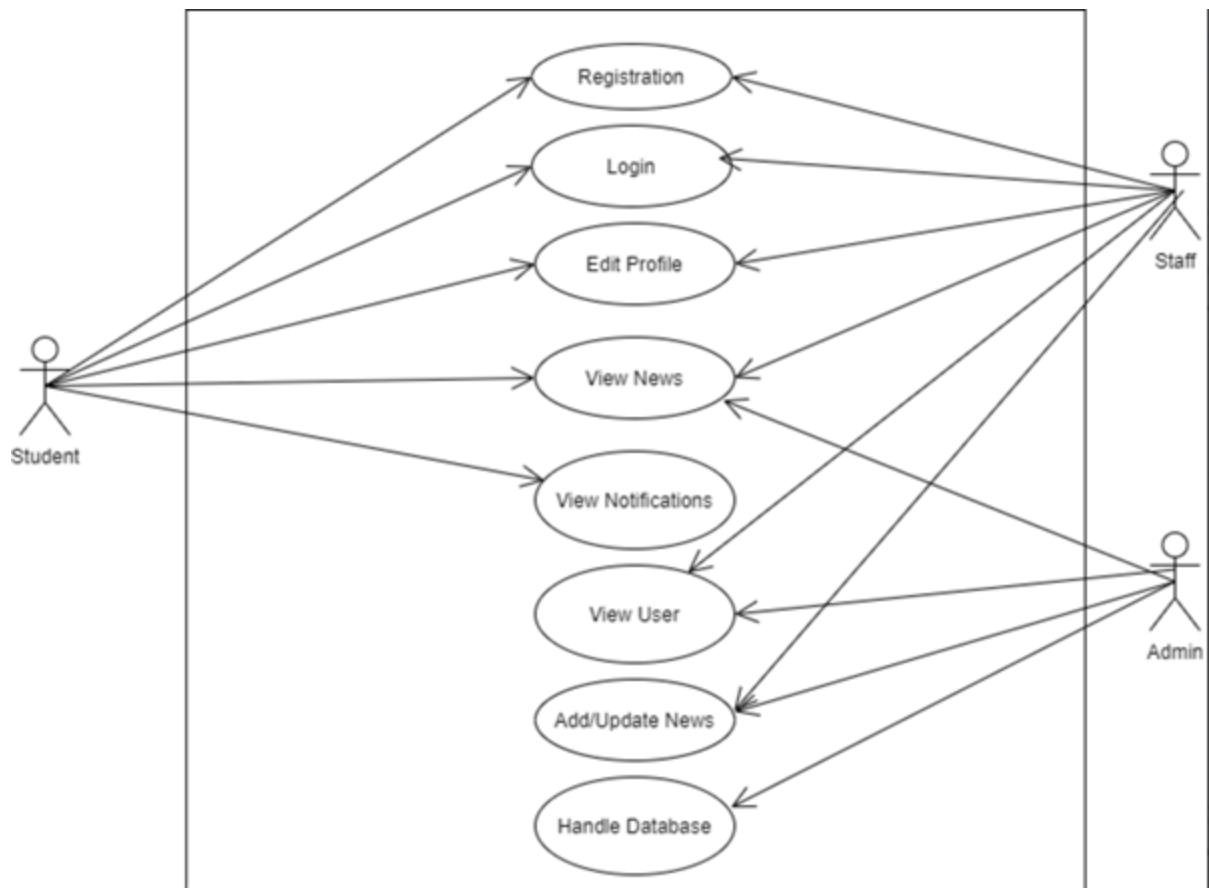


Figure 3.2.2 Use case Diagram

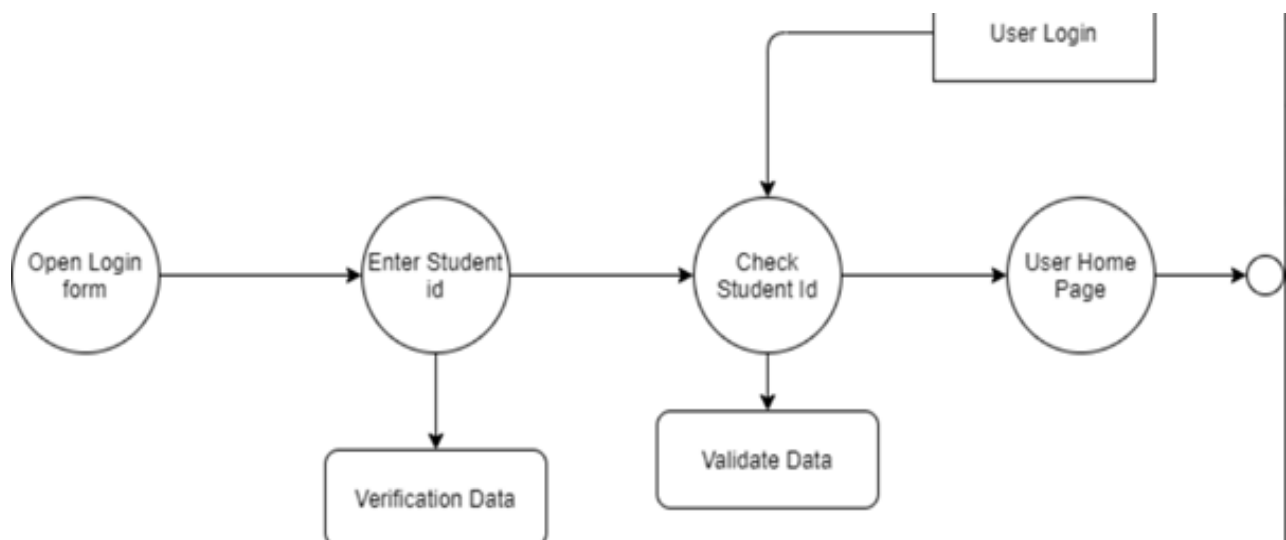


Figure 3.2.3 data flow Diagram

Development phase

The development phase started by the use of appropriate programming tools containing Dart codes, Firebase (Database) and Flutter software to program the application. The activation process requires inserting the material codes and storing them in the database "Firebase" within the Flutter program. If the student intends to delete that material, it will be removed from the database as well.

Implementation phase:

- 1.Choice Module (Option Module)
2. Admin Module (Admin Application)
4. Student Module

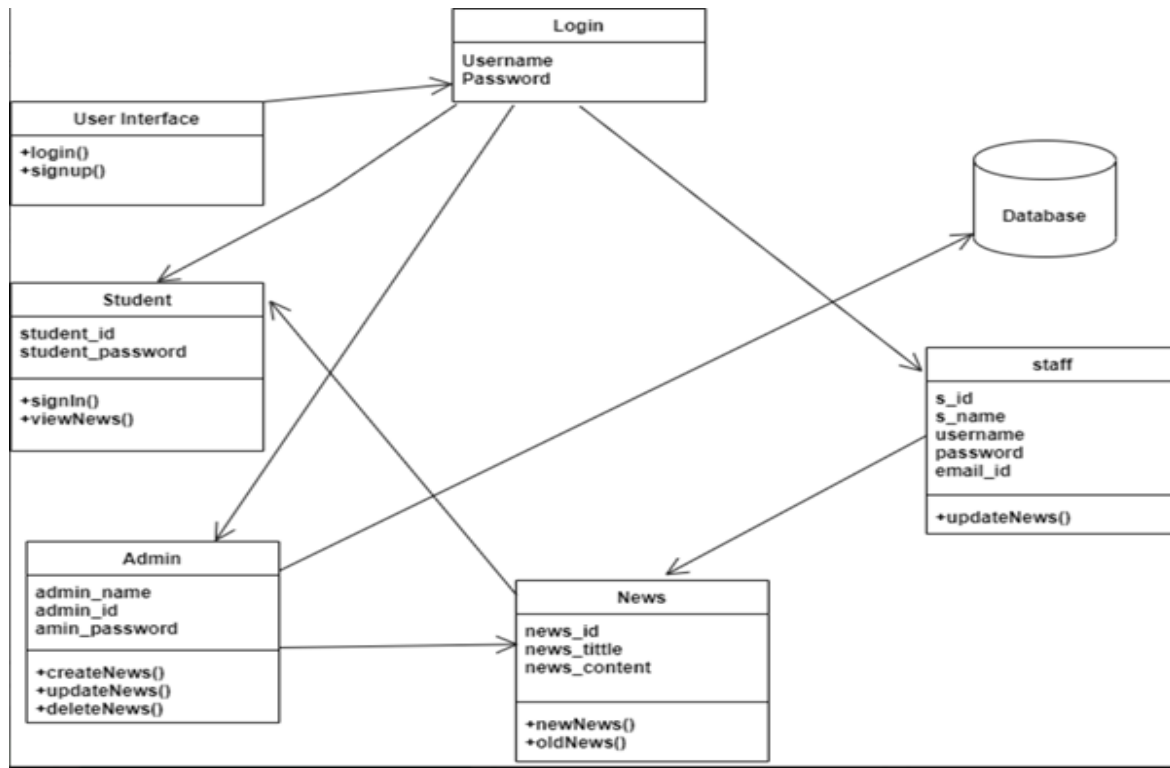


Figure 3.2.3 class Diagram

Module 1: Choice Module: In the choice module user have option to choose name of institute and other details related to institute which would eventually help in batch management and giving numerous other facility to admin to get the targeted feature of push notification to a specified batch or specified department.

Module 2: Admin Module: Admin has to login with username and password, if username and password is valid admin enter into the home page. Notification manager (Admin)sends notices to students and faculty/staff. Admin act as an authorization of application. He has the authorization of view all registered students. He sends notifications related to scholarship, workshop, events, Seminar and other notifications. Faculty has to login with login credentials sent by the notification manager through e-mail. If username and password is valid faculty enters into the home page. Faculty or management would be having an Admin application which would be having an access to the similar database to apply all the curd operations and perform different provided features which will be reflected on the main user

application the admin application will be very minimal and easy to operate without having any database or technical knowledge . this application will give the power of the user end control like push notification , information updation , event management etc . which will result in easy and fast paced proess

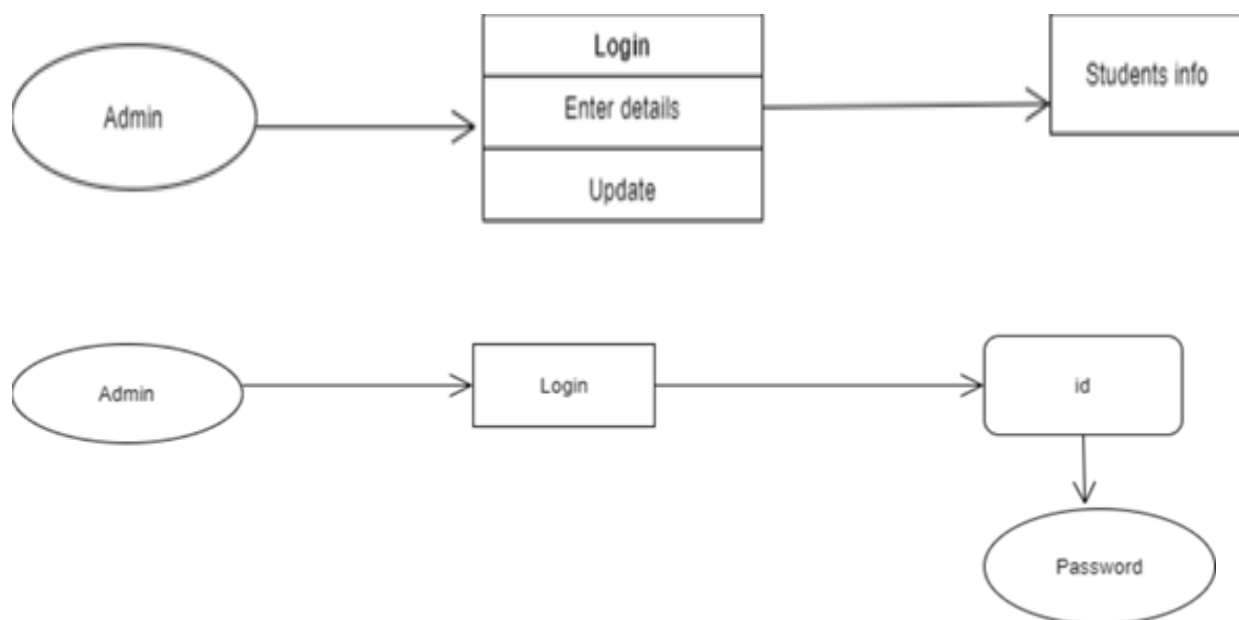


Figure 3.2.4 Login Flow.

Module 4: Student Module: Student has to login with login credentials sent by the notification manager through e-mail. If username and password is valid student enters into the home page. Student views their related notifications such as scholarship, workshop, events, Seminar and other notifications. And can access to the previous and categorized information on a single dashboard and will be able the apply reject , have polling in the options to get the feature rich experience.



Figure 3.3.1 Feeds Pge

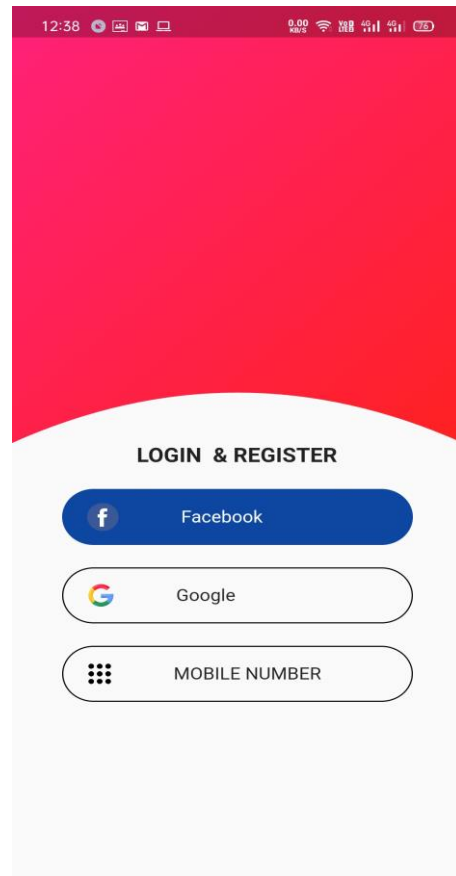
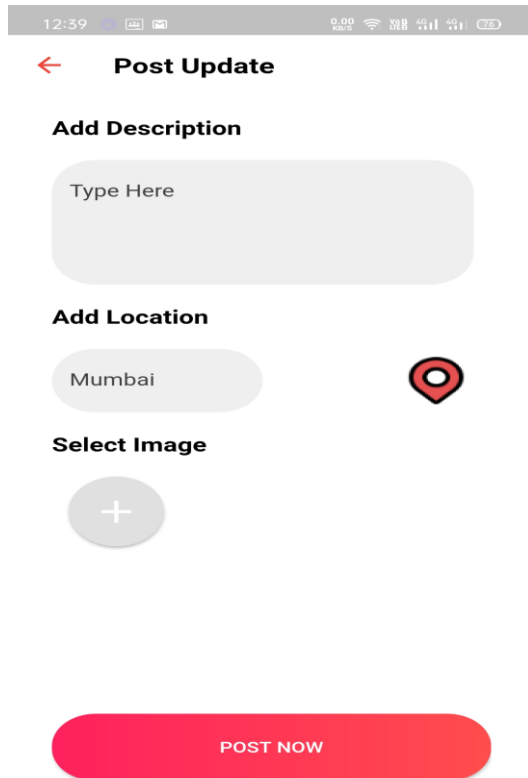


Figure 3.3.2 Login/sign up Page



12:39 0.00 KB/s 4G 4G 75

Post Update

Add Description

Type Here

Add Location

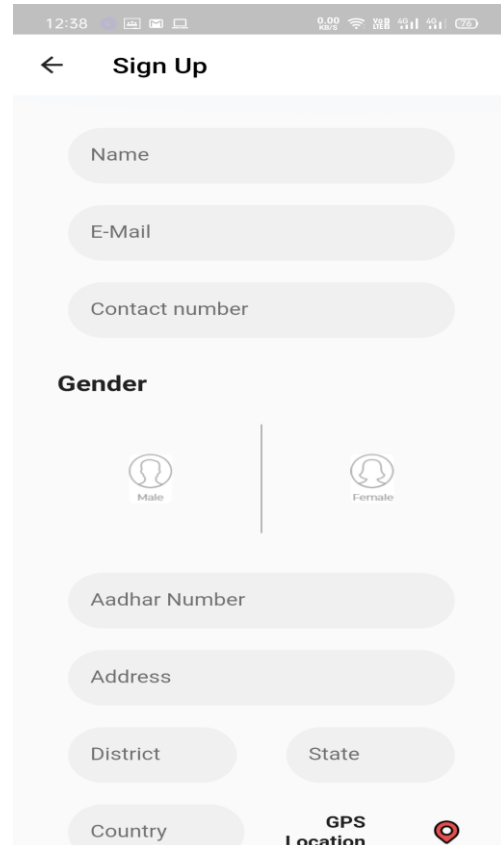
Mumbai

Select Image

+

POST NOW

Figure 3.3.3 Admin Post Update page



12:38 0.00 KB/s 4G 4G 75

Sign Up

Name

E-Mail

Contact number

Gender

Male Female

Aadhar Number

Address

District State

Country **GPS Location**

Figure 3.3.4 Signup form

Evaluation phase

The evaluation phase consists of two parts: formative and summative. Formative evaluation is present in each stage of the ADDIE process. Summative evaluation consists of tests designed for domain specific criterion-related referenced items and providing opportunities for feedback from the users.

CONCLUSION:

This paper has The basic idea is to create an application that will make the event announcement easier and affective. The application will have different modules for the student and administrators, the administrator will have the authorisation to announce and update the event while the students can only see the events and can give their feedback. By this the students will be much aware about the ongoing and upcoming events, seminars and workshops etc., now they can participate in these events without missing the deadlines. The man power and resource such as poster and electronic display used to announce these events will be replaced by the cheap and easy pop-up notification on the student devices. The authenticity of the event will be secure enough to trust as only the administrator can display them in the app. Overall the system will reduce lot of man power, automate management and will make announcement easier cheaper and more authentic as only administrator will have the authority to announce or list the event in the application and the user will be much more aware about the events.

Future Work and scope:

This Project can be Taken futher and developed more extensively as there are numerous numbers of opportunities lied in this field to work on depending upon the requirement . it can futher make as social platform for the institutes business , campuses and thus all the education can be connected at a single page and a student or user can get beneficial of opportunities provided by different institutes like seminars , hackathon , competitions which can be displayed at a single platform and no need find on different sources that can be applied and access at tip of you fingers.

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