



Digital Notice Board (A Mobile Application)

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ABSTRACT—

The motive behind the project is to develop an application which will dedicated for the purpose, Event planners use the android app interface to set the timetables for your events and designate student coordinators as they go. On the application, students can sign up, and some of them do so as coordinators. The application only allows event coordinators and organisers to upload event-related data. Participants can watch events online and submit applications there as well. Users can post notices using this design from handheld devices to any display device that supports it. The choice of notice is up to the user. The user's personal knowledge base will be filled with messages that are relevant to them. A demonstration of an integrated system for a smart campus is also provided in this paper.

Keywords—*Android Application, Digital Notice Board, Student Database administration, Admin Dashboard, Application Interface etc.*

I. INTRODUCTION

Since a few years ago, everything has changed, and now old methods are beginning to be replaced by digital ones. Our entire existence, from dawn to dark, is dependent on digital technologies, and it is a fact that we cannot exist without them. In spite of this, we have created the Digital Notice Board to replace traditional print and other dynamic forms of initiatives and to keep everyone up to date on the newest successes and awards. The visual presentation produces significantly greater results than the conventional dynamic form, which only serves to catch the staff and students' attention. The use of a digital notice board enables teachers to tell students about future activities, academic results, and student accomplishments. Most of the notice posting work occurs from various offices around the campus, and many a time, it also requires certain documents and approvals. All of this would be difficult to do from a mobile application. So we decided to exclude this from the android app .

The motive behind the project is to develop an application which will dedicated for the purpose, Event organizers create schedules for events using android app interface and assign student coordinators at the time of creation of schedule. The students can register on the application and some of them register as coordinators. Only events organizers and coordinators can upload event related information on the application. The participants can view events on application and they can apply online.

II. FUNCTIONAL REQUIREMENTS

System feature

1. Database: The Personal details of sender and receiver also account details of sender and receiver stored in database.
2. User: User do the registration on the system for QR code scan.
3. System: In system, Blockchain technology is used to identification of real products and detects fake products.

EXTERNAL INTERFACE REQUIREMENT

1 User Interface To identification of Reviews and summarization of product.

Hardware Interfaces:

- RAM : 8 GB As we are using Machine Learning Algorithm and Various High Level
- RAM minimum required is 8 GB.
- Hard Disk : 40 GB
- Processor : Intel i5 Processor Software Interfaces
- Programming Language : Java

• Operating System : Windows 10

NON FUNCTIONAL REQUIREMENT

Performance Requirements

The performance of the functions and every module must be well. The overall performance of the software will enable the users to work efficiently. Performance of encryption of data should be fast.

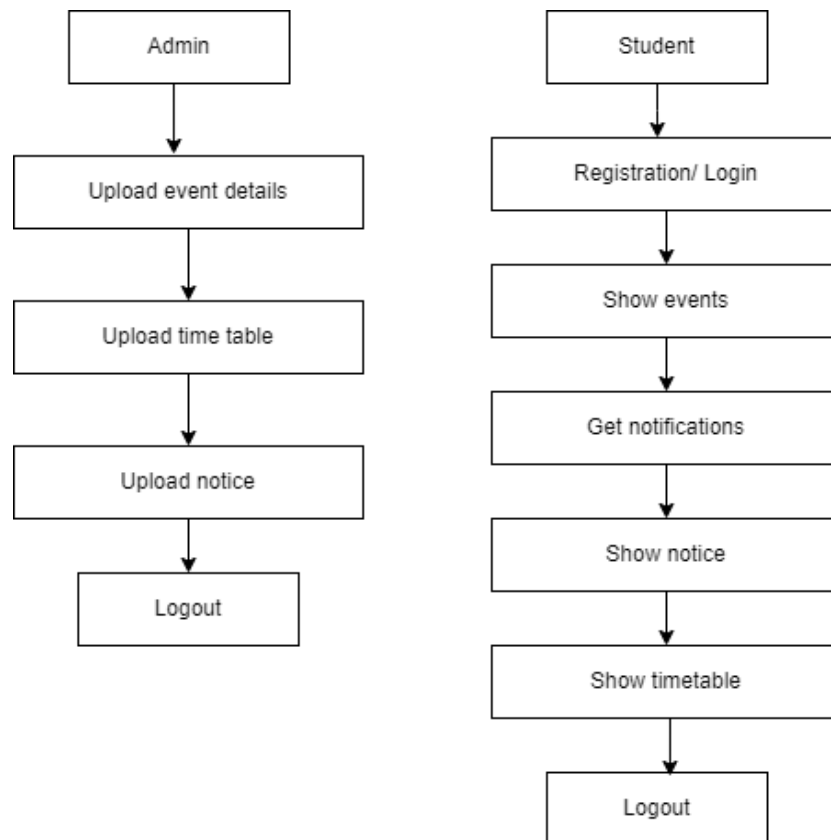
Performance of the providing virtual environment should be fast Safety Requirement.

•The application is designed in modules where errors can be detected and fixed easily. This makes it easier to install and update new functionality if required.

Safety Requirement

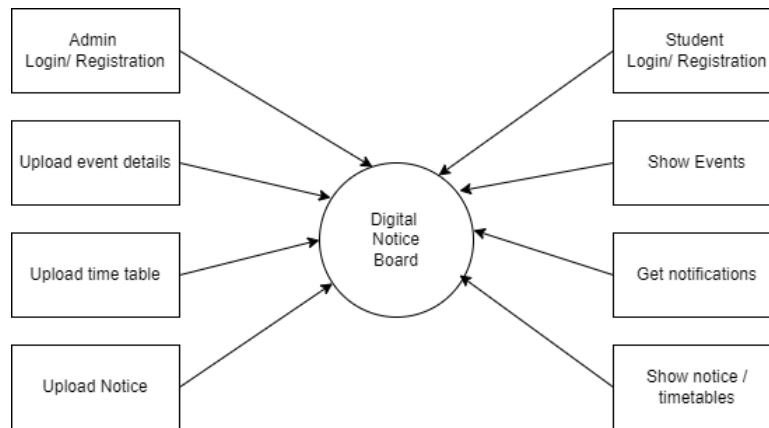
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II. SYSTEM ARCHITECTURE



Data Flow Diagram

In Data Flow Diagram, we show that flow of data in our system. In DFD0 we show that base DFD in which rectangle present input as well as output and circle show our system. In DFD1 we show actual input and actual output of system. Input of our system is text or image and output is rumor detected like wise in DFD 2 we present operation of user as well as admin.

Data Flow Diagram Level**STUDY OF RESEARCH PAPER**

A research paper is a document of a scientific article that contains relevant expertise, including substantive observations, and also references to a specific subject of philosophy and technique. Use-secondary references are reviewed in literature and no current or initial experimental work is published

[1] The author here proposed that Digital display board is a common sight today. Advertisement is going digital in recent days. The use of digital display boards at railway station, bus stands, shopping malls, educational institutions and public places are becoming an effective mode of communication in providing information to the people. But these off-the-shelf units are somewhat inflexible in terms of updating the message instantly. If the user wants to change the message it needs to be done using a computer and hence the person needs to be present at the location of the display board. It means the message cannot be changed from wherever or whenever. Also the display board cannot be placed anywhere because of complex and delicate wiring. Digital notice board using IoT overcomes these drawbacks.

[2] The author proposed that IoT is the network of physical "things" or object that contain embedded technology to interface and sense to move with their internal states or the external setting. Automation is the most often spelled term within the field of electronics. The hunger for automation brought several revolutions within the existing technologies. Notice board could be a primary factor in any establishment or public places like bus stations, railway stations, colleges, malls etc. Sticking out numerous notices day to day could be a tough method. A separate person is needed to take care of this notice display. This project is regarding advanced wireless notice board. In IoT based Web Controlled Notice Board, Internet is employed to wirelessly send the message from Browser to the liquid crystal display. A local web server is created, this could be a global server over net. At the Raspberry Pi, LCD is used to display message and flask for receiving the message over network. Whenever Raspberry receives any wireless message from Web browser, it displays on the liquid crystal display

IV. CONCLUSIONS AND FUTURE WORK**CONCLUSION**

The display boards are one of the major communications medium for media. Local language can be added as a variation in this project. Also we realize that this project saves time, energy and hence environment. Cost of printing and photocopying is also reduced as information can be given to a large number of people from our fingertips

Future Work

In future, digital Notice Board is one of the application can be used effectively. It can also be used in Malls and Highways for Advertisement purpose. A moving display with variable speed can also be used in place .

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