To Design the Web Portal for Online Circulation of Notices

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Abstract- In this paper by using the various designing tools and various algorithms we are proposing a "A Web Portal for Online Circulation of Notices". Web portal extent to which content is displayed in a "uniform way" may depend on intended user and the extended purpose, as well as the diversity of content. The portal may use a search engine application programming interface (API) to permit users to search intranet contact as opposed to extranet content by restricting which domains may be searched. Apart from this common search engines feature, web portals may offer other services such as email, news, stock quotes, information from databases and even entertainment content.

Keywords- Web-portal ,API.

I.   INTRODUCTION

A web portal is a specially designed website that brings information from diverse sources, like emails, online forums and search engines, together in a uniform way. Usually, each information source gets its dedicated area on the page for displaying information (a portal), often the user can configure which ones to display. Variants of portals include mashups and intranet "dashboards" for executives and manager. The main aim of this web portal is make information dissemination much easier in paperless community as the world tends to interact with the online web portal facility. Online web portal admin can send the notification regarding any new activity happening in college campus or college fest participation, libraries dues, hostel room payments, any workshop registrations, warnings and reminders etc. Web portal is a web application which is engaged in providing up to date articles and notices and other information for all the users and students associated with the particular campus or department.

II.   SYSTEM ARCHITECTURE

It is very innovative project for any institution. It provides high level graphical view of the application architecture and helps to identify application, component, database and services.It is also describe strategic design. The admin, who has privilege to create account update notice and delete an account while the approval recommends notice of the authorized user and approves the notice of authorized user. Authorized user creates the notice and publishes the notice after getting approval from the approval. Viewer has privileges to view notices and download updated notices from the authorized user. The viewer is anybody who intends to read notice on web portal. The methodology used in project

agile software development. Agile software development methodology is used especially for software development, that is characterized by the division of tasks into short phases of work and frequent reassessment and adaptation plans. It is for a project that needs extremes agility in requirements. The key features of agile its short termed delivery cycles (sprints). Agile requirements, dynamic team cultures, less restrictive project controls and emphasis on real-time communication.
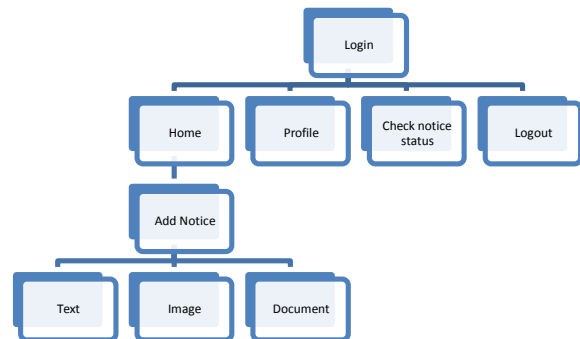

Fig.1: Data flow diagram of HOD module

Agile software development is a group of software development methods based on iterative and incremental development in which requirements and solutions evolve through collaboration between self-organizing, cross-functional teams. It promotes adaptive planning, evolutionary development and delivery, a time-boxed iterative approach, and encourages rapid and flexible response to change. It is a conceptual framework that promotes foreseen tight iterations throughout the development cycle**.**

III.   LITERATURE REVIEW

Akshat Shukla et al. [1] proposed that the role of information and communication technologies in universities is not a new concept in the current world scenario and with Indian government schemes such as "digital India", it is now more approachable and executable. The old traditional notice system provide a scope for digitization with replacement using much faster and efficient web portal which is paperless and reduces physical method of maintenance and operations. The proposed approach uses java and XML languages for its Android applications. [1]

NeerajKhera et al. [2] proposed that the system uses either Bluetooth or Wi-Fi based wireless serial data communication. For this purpose Android based application programs for

Bluetooth and Wi-Fi communication between Android based personal digital assistant devices and remote wireless display board is used. At receive end, a low cost microcontroller to receive and display messages in any of the communication mode. [2]

P.Kumar et al. [3] proposed that the GSM (Global System for Mobile Communication) MODEM (Modulator-Demodulator). This paper explain GSM based web portal which can be widely used for multitude of applications including educational sector, traffic control, banks, public advertisements, stoke exchanges etc. This paper plays a vital role in the state-of-the-art scenario where market window is relentlessly shrinking and really need pocket-friendly and authentic products.

YashTeckchandani et al. [4] proposed that a method in which large screens like computer monitors or televisions can be used for displaying notices sent as text messages from mobile phone. The proposed method uses Hyper Text Markup Language (HTML) to present the output since it offers many customization options. To give high resolution output, the credit-card sized computer Raspberry pi has been used.

IV.   OBJECTIVES

1)   To keep and track down total number of users in the system.

2)   To activate and deactivate any user.

3)   To add new notice and send notice to registered user.

4)   To display old notice and manage old notice.

5)   To update password.

6)   To provide adequate security from possibilities of fraud.

V.   CONCLUSION AND FUTURE SCOPE

This systemwill avoid paper work, reduce human effort and it will be a whole lot easier to circulate the notice. The future scope includes addition of feedback section. It can increase communication among connected staff and issue can be sorted on the spot.

VI.   REFERENCES

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