
Chapter 20

E-Calender: PROTEA

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Abstract

Protea is the Online Calendar System specially develop for Sarawak Polytechnic Kuching (PKS). using Jomla! Software. Before implementing the Protea System, PKS have no systematic calendar management, limited access and use of manual methods. The main purpose of this system is to facilitate the management of the calendar of PKS. In addition, this system is aimed at raising awareness among staff on the planning of PKS annual activities. The two components of Protea are system and the contents that make the system successful. The system is the main key for a Protea that has various menus that enable this system to function. While the content is the essence of activity information on the Protea system that ensures the management of the calendar. The features contained in this Protea are accessible online, have a concept of reduce possibilities overlap activities. The advantages of Protea is a gadget-friendly such as smartphones and tablets. Protea also allows Synchronization with Google Calendar and Default Calendar of the smartphones. Additionally, Protea also allows the creation of more than one calendar and sharing of calendar activity with all users. The top management can also monitor the progress of the activities more systematically.

Introduction

According to the practice by Kuching Polytechnic Sarawak, management of the yearly calendar it starts as early as November each year. The collection of information will be done by the Events Committee which has been appointed by the PKS Management Committee. Upon completion, the calendar will be distributed to all Head of Department at PKS. After evaluating the scenario and constraints faced, one team has been formed to develop a system that will be used in the management of the calendar in PKS. The Protea project started in November 2017 with the establishment of a project team. Within two months a project team come out with their suggestion with Protea that was developed and redesign using the Jomla software!. Introduction to Protea; Online Calendar has changed the scenario and perspective of activity management in PKS. Protea development team involves a collaboration between PKS staff members from various departments and units. The system aims to facilitate the management of activities as well as create awareness among staff with the planning of PKS activities throughout the year.

Content

Protea has two main components namely system and content. Both of these components have strengthened Protea to facilitate the management of PKS activities. The system includes various menus that allow the system to function such as the introduction menu, calendar view, modify

calendar, download and administrator menu. Protea has been supplemented with the content that has been the major part of Protea.

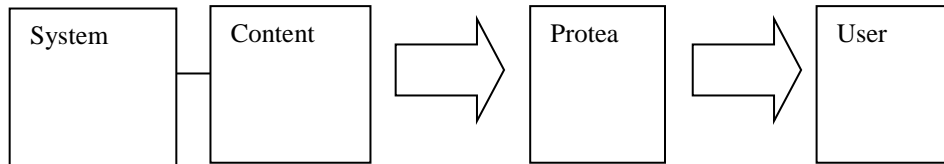


Fig 1 System Function Design

Web base viewing is a feature of Protea that makes it a system that successfully manages the calendar of PKS activities effectively. Also, Protea managed to avoid duplication of large-scale PKS activities. The gadget-friendly Protea allow it to be accessed anywhere through online. In addition, Protea also provides synchronization with Google Calendar and Default Calendar on gadgets or smartphones.

Conclusion

Protea has a positive impact in terms of management of the PKS activities. The success of developing Protea proves that teamwork can bring an impact to the organization. Protea will continue to be a reference and guide to improve the efficiency of the event calendar in PKS.

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