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Calendar: It's Overview & Implementation

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ABSTRACT-A calendar may be a system of organizing days. this can be done by giving names to periods of your time, generally days, weeks, months and years. A date is that the designation of one, specific day among such a system. A calendar is additionally a physical record (often paper) of such a system. A calendar also can mean a listing of planned events, like a court calendar or a partially or absolutely written account list of documents, like a calendar of wills. The term calendar is taken from calendar, the term for the primary day of the month within the lunar calendar, associated with the verb Calare "to decision out", relating the "calling" of the phase of the moon once it absolutely was 1st seen. Latin caldarium meant "account book, register" (as accounts were settled and debts were collected on the calends of every month). The Latin term was adopted in Old French as calendar and from there in English language as calendar by the thirteenth century.

KEYWORDS - Mobile Application ,Calendar of Events , Information Dissemination ,.

I. INTRODUCTION

A calendar could be a system of organizing units of your time for the aim of reckoning time over extended periods. By convention, the day is that the smallest organisation unit of time; the measure of fractions of each day is assessed as activity.

Get regular notifications on the coming festivals and events.

Set your personalised reminders for individual events.

Get info on festivals and events happening within the country.

We can set any of our work on the date. it'll apprise US.

The Calendar application developed solves the matter of over one user accessing the calendar to avoid wasting their events. This application incorporates a login page and registration page. within the register page the user making a replacement cluster can produce a shared positive identification. Later, he/she can add members to the cluster and conjointly share this positive identification with alternative users so they will register and login. there's no limit on the quantity of users accessing the Calendar application. The info can store all the registration details in native info and conjointly in analyse net Server (PWS) by making tables . once this method is completed, users will add, update, and delete their events directly from this application. to boot, the applying facilitates viewing the calendar by day, week, month or year. what is more, the applying conjointly has choices to form events with or while not notifications.

II. LITERATURE SURVEY

1. Oh S , projected a brand new calendar queue which might improve the standard calendar queue's performance over uneven event distributions. A calendar queue could be a multi-list priority queue that is usually utilized in separate event simulations because the world event list, since its performance shows $O(1)$ time quality. For $O(1)$ performance, calendar queues maintain solely alittle range of events at every list of their multi-list by perpetually adjusting their multi-list size betting on the amount of enqueued events and redistributing events over the new resized multi-list. Calendar queues, however, perform poorly over skew event distributions. The projected calendar queue will scale back the standard calendar queue's sensitivity to event distributions by adding 2 new mechanisms. the primary mechanism perpetually measures the event distribution and, per the measured metrics, reconfigures the calendar queue's multi-list to take care of $O(1)$ performance even for uneven distributions.

2. Baldwin et. al the utilization of moveable electronic aids that offer each a method of communication and continuous memory support throughout the day is currently commonplace. Such aids area unit keep with current technological trends and area unit wide accepted. Devices embody personal hand-held computers, e.g., mini notebooks and tablets, like the iPad, mobile phones and smartphones. this study describes the utilization of Google Calendar associate degree

a transportable as an electronic memory aid for a person with no heritable brain injury (ABI) United Nations agency found alternative memory ways unacceptable on the idea that they were probably stigmatising.

3. Boodhoo et. al several organizations use planning package to help within the organizing of events. One fashionable example is Microsoft Outlook. Such package usually needs event participants to vote on time interval allocations or to barter with each other on time interval allocations, till event attendees area unit fitly happy. the method of planning events into time slots will be machine-driven by requiring users to use soft constraints on their accessibility for various time slots. during a soft constraint system, users assign values to time-slots, that denote the relative importance of every event. downside the matter} will then be formalized as associate degree optimisation problem wherever the target is to extend the potency within the planning of events versus accessibility in participants' schedules. Since information of all events isn't best-known at first, the best placement of events will amendment over time. Therefore, there's a desire for on-demand re-optimization of schedules.

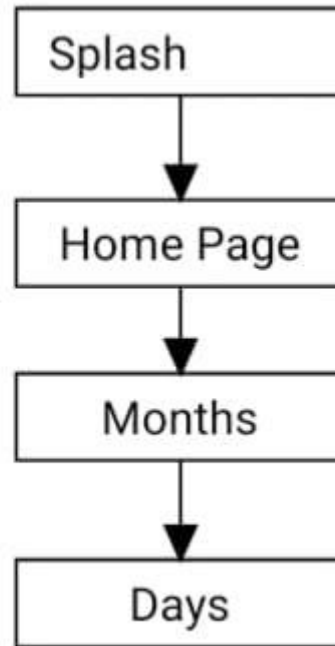
4. Chung k. herb planned a simulation that begins with one or some at first regular events ensures that as events occur in time, a comfortable variety of latest (future) events area unit generated so program execution will continue indefinitely. The planning mechanism that effects this behaviour will therefore by employing a special structure, known as the simulation event to store events that area unit purported to occur at some future time. These unfinished events stay within the event calendar, in some data-structure dependent order, till the simulation program decides to extract an occurrence at a time for process. New events area unit regular and inserted into the calendar in line with model specifications, and these area unit typically generated whereas some connected event is by John Wiley & Sons, Ltd. an occurrence that has simply been off from the calendar is termed this event since its time coincides with this simulation time; its process is close at hand.

5. Otuome et. al With the event calendar, we tend to sought-after to make a viable mechanism that takes advantage of the facility of the Flex framework to alter directors to push event content to the user and for the user to consume that content. And, since the RMX is 371 BUILDING THE EVENT CALENDAR By Hasan Otuome C comprised of a network of friends, associates, and peers all inquisitive about an equivalent things, this might build the RMX event calendar a really useful on-line interactive resource for that community by creating it straightforward to explore native and remote areas, communicate, coordinate, cooperate, and build selections along, all while not the constraints of house. analysis has found that providing localized event info is of nice price to on-line users. A Jupiter analysis survey found that web users from ages 18–54 pay hour of their on-line time viewing native content (Jupiter/Ipsos-Insight, individual user survey, “US on-line Activities By Age, 2003,” Gregorian calendar month 2003). So, it’s very cool to possess such a powerful cluster of content partners within the RMX and to supply those partners a centralized place to combination info regarding a number of the most effective technology events within the world. Before we tend to go into the technical aspects of this mechanism, i would like to pay your time bearing on the various components needed to create this entire system. the subsequent may be a list of commanding practicality we tend to were when with the event calendar: Viewing Filtering Sharing making change Deleting we tend to felt that each one these components were positively crucial for North American nation to develop a viable system, and at intervals every of those we tend to uncover actuality power of the system.

6. Ollanketo et. al Socially driven event calendar is build mistreatment tips for interface, theories regarding persuasive styles and created on the market with cross platform devices with responsive internet coming up with. That resulted into some attention-grabbing nonetheless foretold outcomes. Main goal of this thesis was to introduce new sorts of coming up with principles and take a look at to grant out sensible examples however it can be done. downside the matter} with persuasive style is that it's still in theory largely and with responsive internet coming up with has the other problem of being foremost sensible.

7. Liagouras et. al The convergence of many trends, together with the proliferation of mobile, cloud technologies, social media, and socio-economic trends like bring your own device, have junction rectifier to not solely the group action of computing however conjointly to info overload. This creates a chance for pattern recognition and ‘Big Data’ technologies to support mobile ‘context-aware’ computing wherever technology understands human intentions, and effectively ‘disappears’. during this short paper we tend to explore, through the event of AN Android-based take a look at application, one in all the capabilities of this computing paradigm, that to the most effective of our information has not been explored. Namely, we tend to explore the quality of dynamic calendar primarily based minimum path computing.

III. FLOWCHART



1. After downloading and installing the “Calendar” application in the smartphone.
2. The user will come cross introduction screens, which will display some brief images of the application with few data about the app.
3. Next the user sees a splash screen, which carries the logo of the application “Calendar”.
4. At last the user is redirected to the home page, showing the months, date, date and year in grid view.

IV. PROPOSED METHODOLOGY

The Calendar+ application uses Parse Web Server to store username, password when the user signs up. The Login validation checks the username and password entered with the username and password in the Parse Web Server and confirms or rejects login accordingly. Upon confirmation, this application will connect to Gmail and synchronizes events and contacts. After doing so, this application will also store all the events in the Parse Web Server. This application allows user to add, update and delete the events. User can add a member to his group and an invite will be sent to the new member through Gmail. Members added in a group can view events of other members in the group.

1. Linear Layout: The whole design is made with linear layout, which is basically putting all the widgets are put together in a vertical or horizontal sequence. Here the buttons, days and the month is in linear layout.
2. Recycle View: Recycle view is used as a container to large amount of data that can be scrolled very efficiently. Here the days can be scrolled sidewise to get to the next or before slide of the month.
3. Image View: This widget is used to add images in android studio. Like it is used in splash screen.
4. Text View: This widget is used to insert text in android studio. Like it is used in splash screen and the home page.



V. IMPLEMENTATION

Calendar

April 2021						
SUN	MON	TUE	WED	THUR	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

May 2021							May 2021						
SUN	MON	TUE	WED	THUR	FRI	SAT	SUN	MON	TUE	WED	THUR	FRI	SAT
						1							1
2	3	4	5	6	7	8	2	3	4	5	6	7	8
9	10	11	12	13	14	15	9	10	11	12	13	14	15
16	17	18	19	20	21	22	16	17	18	19	20	21	22
23	24	25	26	27	28	29	23	24	25	26	27	28	29
30	31						30	31					

Selected Date 26 May 2021



VI. CONCLUSION

The primary reason for having a calendar is to arrange the times, weeks, months and years. It keeps a track of that day of the week events fall and once special events are aiming to happen. Traditionally speaking calendars were typically used to preserve spiritual holidays and events. If we tend to don't have a calendar, we tend to cannot understand any month or date, and within the coming back days, folks can ought to realize the day and month. It will work well within the future.

REFERENCES

1. Oh, S., & Ahn, J. (1997, April). Dynamic lazy calendar queue: An event list for network simulation. In Proceedings High Performance Computing on the Information Superhighway. HPC Asia'97 (pp. 254-259). IEEE.
2. Baldwin, V. N., & Powell, T. (2015). Google Calendar: A single case experimental design study of a man with severe memory problems. *Neuropsychological rehabilitation*, 25(4), 617-636.
3. Boodhoo, S., & Hosein, P. (2017, November). On the distributed optimization of calendar events. In 2017 IEEE 10th International Workshop on Computational Intelligence and Applications (IWCIA) (pp. 79-84). IEEE.
4. Chung, K., Sang, J., & Rego, V. (1993). A performance comparison of event calendar algorithms: an empirical approach. *Software: Practice and Experience*, 23(10), 1107-1138.
5. Otuome, H. (2008). Building the Event Calendar. In *AdvancED Flex Application Development* (pp. 371-389).
6. Ollanketo, M. (2013). Where should we go today?: Social-driven event calendar for Finnish consumers.
7. Liagouras, G. A., Sayegh, A. A., & Koutsakis, P. (2014). A new location-aware calendar-based application for dynamic minimum path trip planning. *Wireless personal communications*, 78(1), 29-44.
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