“Your Dream” Virtual Wedding Planning System

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Abstract- The virtual wedding planner will act as an assistance to the wedding planners. The user will give the wedding date to the system and the type of the planner whether he is a week day planner, week end planner or full time planner at the very beginning. Then the user will give the user details to the system. The system will generate automatic alert to the user according to the tasks in the relevant date via SMS. The system has the facility to handle vender details, guest details and guest roles as well. The system has the intelligent to search over the web with the key words and provide the vender details to the user. The user may be familiar with one of any languages which are used in srilanka, even though the system is prepared to provide excellent service to the user.

Index Terms—Wedding planning, wedding planner, budget planning, search engine

1. Change Language
2. Insert Wedding Date and Type of planner
3. Insert user details
4. Send SMS (According to schedule)
5. Search on vendors
6. Finish task
7. Modify the status
8. Manage guest list
9. Manage budget and cost
10. Manage vendors
11. 3-10 will continue repeatedly until the wedding date
12. Manage gifts

I. INTRODUCTION

Nowadays in the 21st century young people wants 48 hours in a day and 8 days in a week to fulfill their career. Even though the wedding also taking the most important place in the human’s life as an unforgettable moment. The young couple those who are planning their wedding has stuck in the middle between employment and wedding in the period of planning it. They want some support in these days.

Unfortunately the professional wedding planners are quite expensive and not provide much relevant ideas and schedule to the couple. Even though there are hand full website which provide information to the user are not such popular in the srilankan culture and they are having so many issues as not much user friendly , questionable relevance to the specific user and doubt with reliability.

“Your dream” Virtual Wedding Planning System has invented as a solution to the current issues. Which provides couple of key features which are expected from young couple.

- Provide SMS sending facility as a reminder of events
- Provide the schedule only relevant to the user and able to customize
- Enable to drag the dates as and when needed
- Enable to find the vendor details through internet

The key research questions was come up during the period of the research are

- How to develop an algorithm to schedule events for the relevant time period?
- How to searching the keywords from the web only Sri Lankan links?
- If the wedding date change how to reschedule events which are not done according to previous Plan?
- How to develop an algorithm to schedule the event according to type of planner (week day, week end, full time)?
- How to generate a gantt chart and load pre planned events, allow the modification and save the modification?

In this paper the researches which are done in similar topic by other specialists, the methodologies which are used to carry out the research, the new areas through the research finding and the evidence which are come across and Conclusion and updates while the future releases are discussed

II. LITERATURE REVIEW

An Interactive Web-Based Wedding Planner with Comparative Analysis Decision Support System

This web based wedding planner provides a platform for brides and grooms to acquire information on bridal products and services, as well as information of vendors registered with Wedding Arc hand make wedding planning reservations online with the simple click of a mouse. Thus, the long and tedious task of information gathering has been shortened and made more convenient. Most importantly, Wedding Arc also functions as a web based comparative analysis decision support system that allows the brides and grooms to subscribe to a service that will assist them in the process of wedding planning and preparations. The system assists brides and grooms in making decisions based on their preferences and budget while taking in updated and current market pricings for their desired bridal products and services [1].

Method and systems for internet based event planning and event management

A plurality of modules provides tools to plan and manage an event. An event planning system provides a method for planning and managing all aspects of an event. An event info centre provides a URL for an event where attendees of the event may access information for the event at once central location. A task manager allows users and event planners to create and assign plurality of tasks to event attendees. The created tasks of event attendees. The created tasks may assign to various users, modified, and deleted dynamically. Any changes made to event information by the planner may be dynamically updated on the event Web site. An expense tracker provides an improved method for managing event related expenses. A personalized event home page where users may view their tasks, agenda, and event information [2].

Organizing and planning device for weddings

The inventive device includes binder including a back cover, a front cover, and spine portion hingedly joining the back cover, and the front cover where in the binder further includes a plurality of open able retaining rings mounted to the spine portion thereof. A plurality of pocketed dividers, a plurality of monthly planning calendars, and a plurality of tabbed dividers are each recoverably and replaceable retained in the binder by the plurality of openable retaining rings. Each of the plurality of openable retaining rings. Each of the plurality of packeted dividers corresponds to an element of the wedding occasion.[3]

Interactive event planning and payment method and system

A method for an event organizer to arrange receipt of gifts and services rendered in conjunction with the event in which an online database of gifts and services is created, and each gift and services is associated with the gifts and services with the second price that is greater than first price, and can select gifts and services for purchase on behalf of the organizer and directs gift and service providers to provide the selected gifts or perform the selected service at the event. A difference between the first and second prices is determined and the organizer can use at least part of this difference to purchase gifts and services prior to event [4]
Internet-based wedding planning device with multiple-interactive capabilities and method of use

This invention is directed toward an internet-based, interactive wedding planning and management program which allows a wedding group, including the brides, grooms, guest, and wedding planner to interactively plan the wedding, where the bride is the primary account owner and can give each invited guest different usernames and passwords, along with the ability to give administrative access to others, such as a wedding planner, and can set up "user "access limitations which denies information to certain people regarding sensitive features of the wedding. The bride and her administrative users can assign tasks to various guests, which the invention tracks through to their completion. The invention also provides online and interactive features to assist in wedding planning and management, including budget calculators, wedding item organizers, task lists, calendar functions, guest manager functions, a message centre &community chat, printing managers, wedding day schedulers, and a wedding checklist.[5]

Computer system and method for providing an on-line mall

A computer system and method for providing an on-line mall. An on-line mall environment is provided. The on-line mall environment is partitioned into at least one community and having at least one store in each community. Each store is made available to a merchant to occupy. The merchant may customize the store by providing for storage on the on-line mall site design data and merchandise data. Customers access the on-line mall through a remote location. The customers may connect with the on-line mall through direct connection to the on-line mall or through links provided by other websites. Customer specific data is stored on the on-line mall allowing the customer to enter purchasing data one time for the many stores in each community. Customer purchasing selections are stored and submitted to the merchant on standard intervals.[6]

System for providing wedding management

A system including a terminal and a network configured to communicatively couple with the terminal, the network including a database configured to store information concerning the user and a wedding card, and a server configured to provide web services that include receiving personal information concerning a user, determining whether to authorize the user based on the personal information, granting a wedding card to the user based on the determination to authorize the user, where in the wedding card is associated with an upcoming wedding of the user, and providing access to a website for the user, where in the website provides a wedding management system assisting the user in planning the upcoming wedding.[7]

Plan-based complex event detection across distributed sources

Complex Event Detection (CED) is emerging as a key capability for many monitoring applications such as intrusion detection, sensor-based activity & phenomena tracking, and network monitoring. Existing CED solutions commonly assume centralized availability and processing of all relevant events, and thus incur significant overhead in distributed settings. In this paper, we present and evaluate communication efficient techniques that can efficiently perform CED across distributed event sources.

Our techniques are plan-based: we generate multi-step event acquisition and processing plans that leverage temporal relationships among events and event occurrence statistics to minimize event transmission costs, while meeting application-specific latency expectations. We present an optimal but exponential-time dynamic programming algorithm and two polynomial-time heuristic algorithms, as well as their extensions for detecting multiple complex events with common sub-expressions. We characterize the behaviour and performance of our solutions via extensive experimentation on synthetic and real-world data sets using our prototype implementation.[8]

An Analysis of Time-Dependent Planning

A framework for exploring issues in time-dependent planning: planning in which the time available to respond to predicted events varies, and the decision making required to formulate effective responses is complex. Our analysis of time-dependent planning suggests an approach based on a class of algorithms that we call anytime algorithms. Anytime algorithms can be interrupted at any point during computation to return a result whose utility is a function of computation time. We explore methods for solving time-dependent planning problems based on the properties of anytime algorithms. [9]

A Web-Based Comparative Analysis Decision Support System: Wedding Arch

A long list of preparations usually awaits soon-to-be brides and grooms before their auspicious wedding ceremony. The most common hassles the brides and grooms face includes registration of marriage, wedding photographs, location for the occasion, dinner ceremony, guest lists, seat placements and the list goes on. Without guidance and recommendations, these brides and grooms face the unpleasantness of hunting for the suitable bridal products and services. The ideal world for any couple is to be able to retrieve information on the available products and services, such as types of services and price lists, in the shortest possible time. However, the ideal world is very slowly part of reality. A web based wedding planner that lessens the hassles and progressively shortened the time consuming process is a step towards the ideal world.

It would be desirable if the brides and grooms are able to acquire the information online or within the same location and subscribe to a service that is able to assist them in the preparations. Wedding Arch is a web based comparative analysis decision support system that assists the brides and grooms in the process of planning their wedding.[10]
Hierarchical production planning using a hybrid system
dynamic-discrete event simulation architecture

Hierarchical production planning provides a formal bridge
between long-term plans and short-term schedules. A hybrid
simulation-based production planning architecture consisting
of system dynamics (SD) components at the higher decision
level and discrete event simulation (DES) components at the
lower decision level is presented. The need for the two types
of simulation has been justified. The architecture consists of four
modules: enterprise-level decision maker, SD model of enterprise,
shop-level decision maker and DES model of shop. The
decision makers select the optimal set of control
gameparameters based on the estimated behavior of the system.
These control parameters are used by the SD and DES models
to determine the best plan based on the actual behavior of the
system. High level architecture has been employed to interface
SD and DES simulation models. Experimental results from a
single-product manufacturing enterprise demonstrate the
validity and scope of the proposed approach.[12]

Registration of bridegrooms statistics

Vital Statistics cover Births, Deaths, Still births and Marriages
which are called vital events. The source for the collection of
data for the preparation of Vital statistics is the certificate
issued to the respondent when the registration of the
occurrence of the vital event is done. Maintaining Vital
statistics is an Administrative record keeping operation and is a
continuous process where the event by event data are collected
on a monthly basis and the final outputs (reports) are produced
annually for dissemination.

The computerization of vital statistics came into being after
the arrival of computers to the Department of Census and
Statistics in 1960's. Registration of vital events commenced in
1867 with the enactment of civil registration laws which
conferred the legal sanction for the registration of events
namely, live births, deaths, still births and marriages.[13]

Event Planning System

An event planning system of the type having a plurality of
index-tabbed planning stage sections containing instruction
sheets, preprinted forms and storage containers assembled in
a book-like form within a cover is provided. The event planning
system comprises: a front cover and a rear cover, a business
card holder defining card compartments for disposing business
cards therein, the card holder being held between the covers; a
storage envelope for holding documents therein, the envelope
being held between the covers; a container for storing supplies
therein, the container being held between the covers; and a
plurality of planning stage sections assembled in book-like
form between the covers, each section comprising: a primary
divider sheet having a projecting primary index tab bearing
primary indicia thereon indicating the planning stage
represented by the section; at least one instruction sheet having
instructions for performing the Planning Stage; and at least one
preprinted form having linear indicia adapted to record data
regarding accomplishing the planning stage.[14]
Since poor design will lead the entire project team to a danger point, it is very important to come up with a suitable and effective design for the system. The design phase is carried out mainly by dividing in to 3 main sub parts.

- Functional Design
In this, all the functionalities which were identified in the analysis phase of the virtual wedding planner software.
- Interface Design
In this, the graphical user interfaces for the wedding planner has designed. The Object Oriented Design (OOD) concepts has used for the whole design phase. Unified Modelling Language (UML) will be used as a tool to implement the object oriented designing concepts.
- System Design
The system developed and comprised of several components. The diagram explains how the ideal user of the system will go through the system and how it helps to relief from the workload to the user from the date of plan upto the date of wedding

V. RESEARCH FINDINGS AND EVIDENCE
Very initially the team has gathered information from the professional wedding planners and new wedded couples. Through that the team has gained valuable information such as

- Issues with the current online planners such as unreliable, not much user friendly and risk of unavailability at any time.
- Expectations from the future society for instance flexible with plan (week day for those who are living in village where Saturdays and Sundays are non-commercial days , week end for employees and full time for those who are acting as a wedding planners as a hobby for their relations), flexible with duration from wedding date to today, somebody who want to keep track the events and some help to deal with venders
- Issues those are found after the marriage for example one of the most important guest has missed, most of the key event has stopped because of payment has been forgotten etc.
- Issues with professional wedding planners such as hidden payments, get irritated once the couple has changed the date for unavoidable reason, less flexibility and get compelled to go for specific venders who the couples are not happy with because of their commotion.

VI. CONCLUSION AND FUTURE WORKS
The team has come up with the solution for the issue which the current wedding planning couples have, as “Your Dream” Virtual Wedding Planner. Meanwhile this is a software it gives so many advance features to the planners those who are planning the wedding

- It allows the user to plan more than one wedding at a time
- It gives more flexibility to the user
- It has allow the user to deal in three languages which are used in Srilanka
- It allows the user to flexibiility in change the wedding dates
- It gives the SMS reminder according to the schedule

Once user purchase this software and install to the computer and be able to create new project. Until wedding finish the same project will run and if user wants to run another project it can start new project from the beginning. Then user can plan their wedding according to the time period left. Event by event user will take alerts from the system. If the person wants to search some vender relevant to that event he/she can use search engine and find. The Special thing in here is search engine will browse all the links that relevant to Sri Lanka. In this wedding planning system the user can see budget planning also. User can add all the cost details and finally can calculate the budget. It will reduce the money waste and pre allocate the money as well. There is another facility to generate templates.

More over the main technique which is used to develop the system is send alerts on events of wedding to user. Mainly this system was implemented using by platform of C#.Net library which is used for send alert. Our main objective is to provide budget planning, send alert. And also search engine facility to search the information relevant to specific event. This system will definitely fulfill the time, planning and searching in future. On the other hand the success of this project will help the industry to expand the mechanism to other related things for time, planning and searching.

Current World finding wedding planner is easy. But finding wedding effective wedding planner is difficult. All of us know they charge high cost and sometimes not doing what the couple wants. So no worries with the “Your Dream” Virtual Wedding Planning system. User can plan everything by his own. No need to worry about pre knowledge and experience. System will take care everything and finally make more beautiful wedding.

Even though the system has couple of limitations. One of the key limitation is the user wants the computer somewhere to access the system. But nowadays home to home everybody have the computer and mobile phone somewhere. The problem is the wedding planners have to have some basic knowledge in computer example how to switch on, how to open the application etc.

Even though the team has finished the research with in a year, it’s enough to introduce a system not to complete the system. Thus there are few more areas the team may consider in the next version of the release

- Mobile application (Compatible with each and every device in the world) \\n- compatible with each and every culture not in srilanka but in whole over the world \\
- compatible with global currency , time and language \\
- Currency converter and time converter \\
- Ecommerce website with global clients

REFERENCES


