Event management System

Course Name: Software Quality And Testing
Section: B
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Problem

Nowadays, when people plan for an event such as a wedding ceremony, birthday, anniversary, etc they often face many problems. People who are looking for an organizer for their event, in the beginning, get puzzled about where to go first or how to find a better organizer. If their residences are far from the organizer's office, distance seems like a big issue then.

The next problem is, a client cannot get full and clear details of an event organizer. For this reason, they don't know what type of service they are going to receive and if they get a bad service what is not even close to their desired one, they cannot say anything for this service. The client needs to change the event date if an organizer gives a time schedule and it clashes with another. Sometimes it is so difficult for them.

Serious problem is, overspending or not having enough money; they wind up either spending more than the actual budget.

In any event, many service providers work simultaneously and it is very hard to manage these providers. It is also important for an event organizer that he has all the contact details of these service providers so that he can contact them any time to plan an event at a given time. In the present system, the Event Company has to do all the work manually.

They keep all payment information on paper. There is no system to check the past expenses on any event. To do this they have to check the payment register and this task is very time consuming and tiresome.

There is a huge change of happening human errors by the present solution.

Existing Solution

In the existing system, the person has to visit the particular office for inquiry. This manual process is quite complex. Everything has to be done manually. The event management system of the existing solution has to keep records of events manually. There have some solutions to this project. We will try to mention it below.

At present, there are a lot of social media in the world. So, people can find the organizers by social media. So, It makes easier to solve the problems.

From social media, people can know the details of an organizer. Nowadays some organizer gives demo details about them when clients go there. So, it is helpful for the clients.

In addition, the Organizer team increases its team for the client. For this reason, the client can manage their time schedule properly with the other organizer team.

So, a client can imagine the maximum amount of the target budget.

Our Proposal

Some problems can be handled by the existing solution. But still, there are many lacking and issues do exist while planning an event. Our proposed solution will help people who are planning for a successful event.

Our proposed system, this is an online event management system software project that will serve the functionality of an event manager. The system will allow registered users to log in and new users are allowed to register on the application. The project will provide most of the basic functionality required for an event. It will allow the user to select from a list of event types. Once the user enters an event type (Marriage, Birthday, etc), the system will display some packages to choose for the event. As many service providers will be connected with the system, clients can be able to find their expected organizer/service provider with complete details for their event. It will allow the user to select the date and time of the event. All this data is logged in the database and the user is given a receipt number for his booking. This data is then sent to the event managers team and they may interact with the manager via inbox conversation/email and contact data stored in the database.

System Specification

❖ Functional Requirements

01. The system shall accessible via the internet.
02. Customers can register and login to the system.
03. An event type is searchable.
04. Customers can send emails or messages to the manager.
05. Several event packages which can be booked by the customer.
06. Similar packages can be shown.
07. Many types of payment systems.
08. Customers can see the review of a merchant and registered customers can give a review.
09. Searching by package, price, timing, place, particle items.
10. Only registered customers get notification about new updates and bookings.
11. Customers can report a problem.
12. Admin can see/change the records of purchase confirmed, total customers, pending orders, vendors, payment transactions.

13. Admin can update policy, package other options.
14. Tracking the order system done by admin.
15. Admin can approve vendor registration.
16. For security purposes, a user's password will be encrypted by the system.
17. All comments, remarks, feedback, problems are evaluated by admin.
18. A vendor can update his records.
19. A safe transaction with the Admin.
20. Unregister customers can see our services on our website.
21. Customer Can request for order Cancel.

❖ *Non-Functional Requirements*

- The system can handle 10000 hits at a time.
- A user(customer/vendor) will be Session out after 10 mins.
- The system will be verified an account within 5 sec.
- One customer can complete registration within 2 minutes.
- When customer search event type auto-suggestion helps him to find it.
- The system is supported by all browsers and OS.
- The vendor adds its package in 2 minutes using the Category system.
- After one loading, the customer can see 20 packages in a page without loading.
- The system needs to be reliable.
- If unable to process than correct error messages.
- The database must be kept backed up
- The details of the user must be safe and secure
- Web pages will be loaded within a few seconds.

Test Plan

Test Cases:

Case-1:

Project Name: Event management	Test Designed by: Fokrul
Test Case ID: FR_1	Test Designed date:15/11/2019
Test Priority (Low, Medium, High): Medium	Test Executed by: Faisal
Module Name: System access	Test Execution date: 20/11/2019

Test Title: The system shall accessible via the internet.				
Description: Test the system which is accessed via the internet.				
Precondition: Need an internet connection. Dependencies: can't access via offline.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1. At first connect with the internet. 2. Access the system from a browser.	System address/IP address.	User can see the home page.	As expected	Pass.
Post Condition: User can see the system home page.				

Case-2:

Project Name: Event management	Test Designed by:Fokrul
Test Case ID: FR_2	Test Designed date:07/10/2019
Test Priority (Low, Medium, High): High	Test Executed by: Shuvo
Module Name: Login and Registration	Test Execution date: 23/10/2019
Test Title: Login and registration validation.	
Description: Users can log in to the system if the user is valid. Otherwise, the user needs to do the registration.	
Precondition: The user needs a valid username and password. Dependencies: The information of the user/vendor is right or wrong when they register in the system.	
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)

1) Connect to the internet and browse the website. 2) Click Sign in and fulfill all box.	Id : shuvo Pass: 1234	Login Successfully	Logged in	Pass
Post Condition: User can login successfully				

Case-3:

Project Name: Event Management	Test Designed by: Shuvo
Test Case ID: FR_3	Test Designed date: 14/11/19
Test Priority (Low, Medium, High): Medium	Test Executed by: Musrat
Module Name: Searching	Test Execution date: 28/11/19
Test Title: Search Event Type Results	
Description: User Can search different type of event and they will see the results of searching	

Precondition: User Need Valid Internet Connections to search login not mandatory Dependencies:				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1) Connect to the internet and browse a website 2) Search for different type of event	Searched for Rag Day event	Different type rag day event price with details	3 types rag day event found with price	Pass
Post Condition:Users can see different types of event.				

Case-4:

Project Name: Event Management	Test Designed by: Musrat
Test Case ID: FR_4	Test Designed date: 13/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Shuvo
Module Name: Customer	Test Execution date: 22/11/19
Test Title: Customer Can Contact Manager	
Description: From website contact us page user can fill up a form and that will be sent to Manager	

Precondition: Customer need a valid email address or Phone Number Dependencies: Need internet connection				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1) Browse website go to contact us page 2) Fill up the form and send	Name: Shuvo Subject: Rag Day Event Email: rhshuvo97@gmail.com Message: We want to arrange Rag Day for us	Message sent to Manager	As Expected Message received by the manager	pass
Post Condition: Successfully send the form.				

Case-5:

Project Name: Event Management	Test Designed by: Hedaet
Test Case ID: FR_5	Test Designed date: 10/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Faisal
Module Name: Customer	Test Execution date: 21/11/19

Test Title: Select Several event packages, and booking it.	
Description: Several event packages that can be booked by the customer.	

Precondition: The user has to go to the Package page and choose packages. Dependencies: Can't Booking without login/registration.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.go to the package page. 2. Choose packages. 3.go to the booking page. 4.booking user packages.	1.select some wedding Package. 2.Click Booking.	1. Booked packages.	As Expected Successfully booked packages.	Pass

Post Condition: User can see his/her booking package.

Case-6:

Project Name: Event Management	Test Designed by:Fokrul
Test Case ID: FR_8	Test Designed date:15/11/19
Test Priority (Low, Medium, High): Medium	Test Executed by: Hedaet
Module Name: Review	Test Execution date: 23/11/19
Test Title: Review Check	
Description: Customers can see the review of a merchant and registered customers can give review	

Precondition: Must have a review section and the customer have to be logged in. Dependencies: Unregister customers can't give a review but see it.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1. After completing an	Input review within 1 to 5.	It will be Show in the package	As Expected. Show the	Pass

event, go to the review section. And give a review. 2. After giving a review, it will convert with other reviews.		cart.	review.	
Post Condition: All customers can see the review.				

Case-7:

Project Name: Event Management	Test Designed by:Faisal
Test Case ID: FR_10	Test Designed date:09/11/19
Test Priority (Low, Medium, High): medium	Test Executed by: Hedaet
Module Name: Registered Customer	Test Execution date: 23/11/19
Test Title: test notification box.	
Description: Only registered customers get notification about new updates and bookings.	

Precondition: Have to go to the notification box. Dependencies: Unregistered customers do not get notification about new updates and bookings.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.go to the notification box. 2. See notification about booking and new updates.	1.Chack booking notification box for info of your booking package.	Show the specific notification	As Expected. Show correct notifications.	pass
Post Condition: When you click a notification of a booking package, it shows the correct package details.				

Case-8:

Project Name: Event Management	Test Designed by:Fokrul
Test Case ID: FR_12	Test Designed date:10/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Musrat
Module Name: Admin	Test Execution date: 20/11/19
Test Title:test admin panel.	
Description: Admin can see/change the records of purchase confirmed, total customers, pending orders, vendors, payment transactions.	
Precondition: Admin must be logged into the system. Dependencies: Without an admin account, other users cannot do this.	

Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.Login the system. 2. See the customer list/vendor list/order list. 3.Change/delete packages/vendor/customer.	1.Username: admin 2.pass:1234 3. Delete wedding package-1.	Delete this package completely.	As expected. Successfully deleted.	Pass

Post Condition: Vendor gets a notification when an admin deletes/changes a package.

Case-9:

Project Name: Event Management	Test Designed by:Hedaet
Test Case ID: FR_14	Test Designed date:14/11/19
Test Priority (Low, Medium, High): Low	Test Executed by: Shuvo
Module Name: Admin	Test Execution date: 21/11/19

Test Title: test all types of order info.	
Description: Tracking the order system done by admin.	

Precondition: Must be logged in as an admin and customer have booked packages already. Dependencies:If no customer booked a package,order list cannot check.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.Order box shows previous and current booked. 2.Can delete order.	1.delete 10 orders.	Show order list.	As expected. Successfully order list work	Pass
Post Condition: Customer and vendor get notification.				

Case-10:

Project Name: Event Management	Test Designed by:Musrat
Test Case ID: FR_15	Test Designed date:09/11/19
Test Priority (Low, Medium, High):	Test Executed by: Faisal
Module Name: Admin	Test Execution date: 26/11/19
Test Title:Approval test	
Description:Admin can approve vendor registration.	

Precondition: Logged in as an admin. Dependencies:Show it when vendor will registration in the system.				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.Approve a vendor account. 2.Delete a vendor account.	1.Click approve, vendor will be registered. 2. Click delete, that account status will be no.	Admin can approve or delete a vendor account	As expected. Account approve/delete successfully.	Pass

Post Condition: Database will be change for this account.	

Case-11:

Project Name: Event Management	Test Designed by:Shuvo
Test Case ID: FR_16	Test Designed date:07/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Fokrul
Module Name: User Info.	Test Execution date: 26/11/19
Test Title:Check user password	
Description:For security purposes, a user's password will be encrypted by the system.	
Precondition: User must be registered before. Dependencies:Somehow unauthorized person know the password, he/she can get access.				

Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.Give a password which is encrypted in database. 2.If it is valid,user can access the account. 3.if password is not valid, It shows invalid password.	1.username: admin 2.actual pass: 1234 3.Enter the pass: 123 4.Invalid password.	Show that invalid password.	As expected. Show that.	pass
Post Condition:User try it again.				

Case-12:

Project Name: Event Management	Test Designed by:Hedaet
Test Case ID: FR_17	Test Designed date:10/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Musrat
Module Name: Payment	Test Execution date: 27/11/19
Test Title: Payment method check	
Description: Customer Can pay for their purchase order using bkash/bank transfer/ Later Payment	

Precondition: Need To Purchase a Package Dependencies: Need to have valid payment account				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1) Login system 2) Choose a Plan 3) Confirm Order 4) Make Payment	User Info: Musrat Pass: 1234 Purchase package standard plan Payment using bkash	Payment Successful	Paid By Bkash	Pass
Post Condition: Try using other payment methods				

Case-13:

Project Name: Event Management	Test Designed by:Faisal
Test Case ID: FR_18	Test Designed date:12/11/19
Test Priority (Low, Medium, High): Low	Test Executed by: Fokrul
Module Name: Suggestion	Test Execution date: 29/11/19
Test Title:Similar Package Suggestion	
Description: When user see a package that time they will also get similar package suggestion.	

Precondition: User need to open a product details. Dependencies:similar types package exist or not				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1.browse website 2.go to a package details 3.see similar product	Marriage event package check	Different types marriage package show as suggestion	As expected three other package show as suggestion	Pass
Post Condition: Save user package view result				

Case-14:

Project Name: Event Management	Test Designed by:Faisal
Test Case ID: FR_19	Test Designed date:14/11/19
Test Priority (Low, Medium, High): High	Test Executed by: Shuvo
Module Name: Booking	Test Execution date: 01/12/19
Test Title: Request For Booking Cancel	
Description: Customer can request for Booking cancel if time available than it can be cancelled	

Precondition: Customer Need to Book First Dependencies: For successful booking need payment				
Test Steps	Test Data	Expected Results	Actual Results	7Status (Pass/Fail)
1. Login 2. Book a plan 3. Try to cancel	Booking for rag day Cancel Request with proper reason	Order Cancel	Order Not Cancelled	Fail
Post Condition: Try again for cancel				