Requirements

1. Problem statement:

Due to busy lifestyle, planning and organizing parties for different occasions becomes tiresome. There is an utmost need of an easy and manageable system. Our project implements functional event management system which brings up the effective solution to this problem. Unlike others, we will provide a whole package such that user won't have to look anywhere else. The package will take care of budget, schedule, venue selection, permissions, decorations, caterers etc.

2. Background Information:

Celebrations.com is an online portal where the user can plan the various events like wedding, birthday party or a house warming ceremony.

2.1 The domain:

- Web Applications

2.2 Targeted Users:

- Users having a forthcoming event in their house.
- Users looking for variety of venues, food, decorations etc. to choose from based on ratings and their preferred budget.
- Users who want to customize their catering facilities according to their likes.
- Vendors who want to sell their service they offer.

2.3 Comparisons with Similar systems:

There are various online planners which provide different services. The developing system provides wedding planning, birthday party planning as well as planning for a house warming

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ceremony at the same website. A user can make an account once and organize all his future events with the same login. The system also provides additional help and arrangements as per the requirements of the users. The user can also request for home assistance where a planner will visit the user to help with the selection of various services.

2.4 Limitations:

- Requires planning at the management and technical level
- Becomes invalid when there is time constraint on the project schedule or when the users cannot accept the phased deliverables.

3. Stakeholders:

1. Customers
2. Venue Owners
3. Decorators
4. Caterers
5. Transport companies
6. Photographers and videographers

4. Requirements:

4.1 Non-Functional Requirements:

This section describes in detail all the non-functional requirements

4.1.1 Usability

- The system shall allow the users to access the system from the Internet using HTML or it's derivative technologies like XML/CSS. The system uses a web browser as an interface.
- online help will be available for the system
- The end users will be able to able to adapt to the system.

4.1.2 Security

Login requirements -

- Users will be provided access to the system after they are registered.
- Users will be logging into the system using their ID and password.

Password requirements

- Passwords must have a minimum length of 8 characters.

4.1.3 Performance

Response time

- The response time will be less than 8 seconds for 95% requests made to the system

4.1.4 Capacity

Throughput

- The application shall be able to successfully handle 500 requests per hour

4.1.5 Recovery

Recovery time scales

- The system will be recovered within four hours from the down time

Backup Frequencies

- A full back up of IMS data will be done on tapes every day
- The backup is scheduled to run automatically at 10 pm daily.

- The backup tapes when removed from the server are stored securely in a locked fire-proof media safe at DII Office in Delhi

4.1.6 Availability

Hours of operation

- The system will be available on all days 24*7

4.1.7 Reliability

Mean Time between Failures

- The mean time between failures for the system will be 1000 hours

4.1.8 Maintainability

Mean Time to Recovery

- The Mean Time to Recovery (MTTR) shall not exceed one person day.
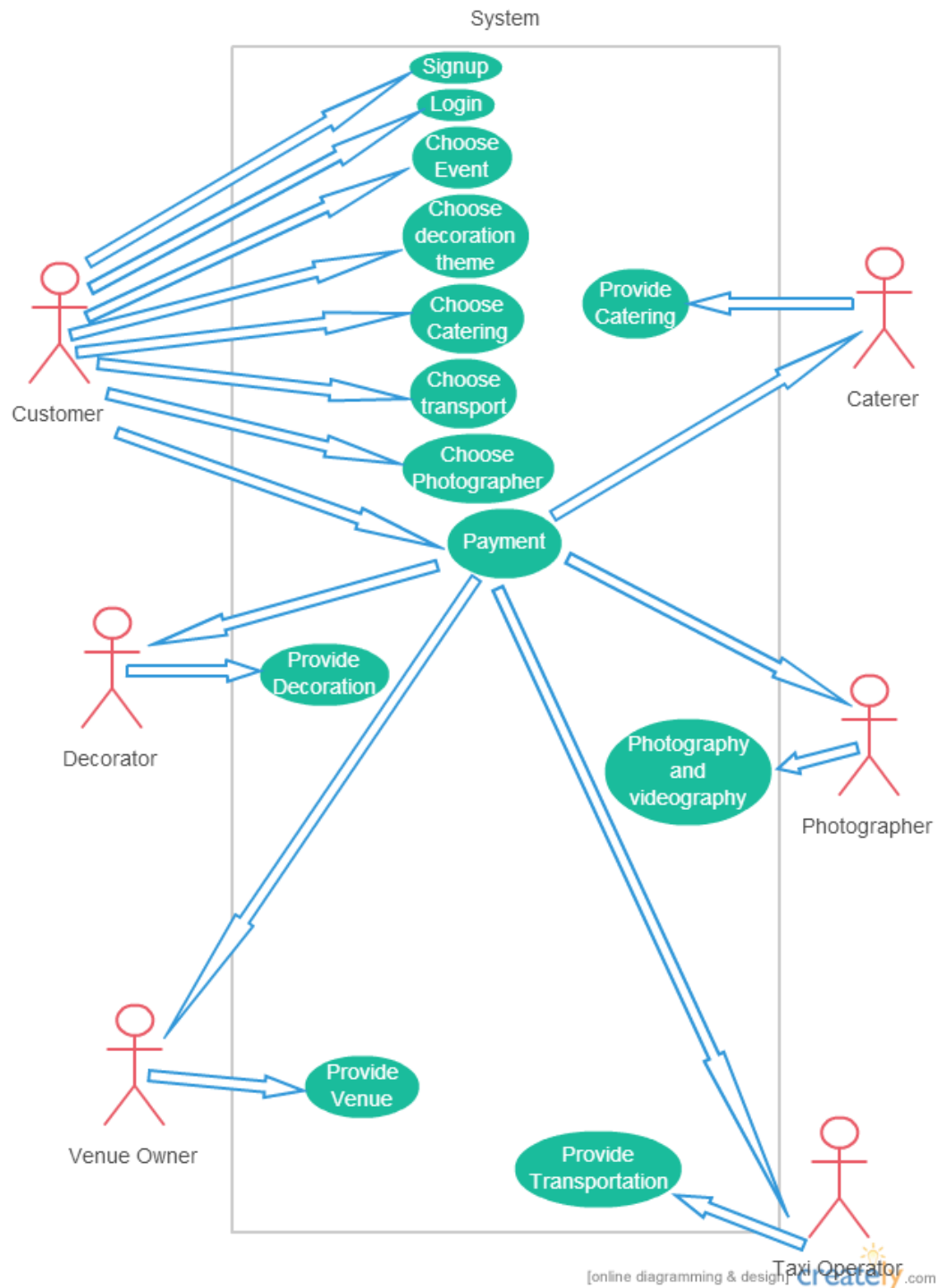
4.1.9 Portability

- The system will run on windows 95/98/2000/NT/XP/Vista/Windows7/8

4.1.10 Privacy

- Any other user will not be able to track or modify the status of clients of other user.
- Users will not able add/remove the other users.
- The details of the policy holder will be highly confidential and will not be released to the   general public without prior approvals from admin.

4.2 Functional Requirements :

4.2.1   Use case Diagram:

Use Case ID	1
Use Case name	Sign up
Summary	The System will update the database to hold the following details for a new agent • First Name • Last Name • Email Id • Password • Mobile no.
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants to register.

DESCRIPTION	Step	Action
	1	The End user selects the Sign up link.
	2	The end user enters the name, address, phone number ,email id in the text boxes.
	3	The End User Clicks on the Submit Button.
	4	The system updates the data into the database.

Use Case ID	2
Use Case name	Login
Summary	The System will ask the user to enter the following details. • Email Id • Password
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants to log in to his/her account.

DESCRIPTION	Step	Action
	1	The End user selects the Login link.
	2	The end user enters the email id and password.
	3	The End User Clicks on the Login Button.
	4	The system takes user to the new page for asking the details of the event.

Use Case ID	3
Use Case name	Event details
Summary	The System will ask the user to enter the following details. • Event type • Date • Time • City
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who has loggen in to his/her account for organizing an event.

DESCRIPTION	Step	Action
	1	The End user signs in.
	2	Upon successful sign in , the user enters the requested details of event.
	3	The End User Clicks on the next button to proceed for further details.

Use Case ID	4	
Use Case name	Details of location	
Summary	The System will ask the user to choose from the different categories of the following. • Location • No.of people	
Primary, Secondary Actors	user	
Trigger	This use case is initiated based on the request from the user who has entered the primary location datails and decided to proceed further.	
DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed button
	2	The system takes user to the new page for asking the details to get specific location.

Use Case ID	5	
Use Case name	Decorations	
Summary	The System will ask the user to choose from the different categories of following. • Decoration theme • Price range.	
Primary, Secondary Actors	user	
Trigger	This use case is initiated based on the request from the user who wants to proceed to organize complete event.	
DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed Button.
	2	The system takes user to the new page for asking the details of the decorations.

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Use Case ID	6
Use Case name	Photography and Videography
Summary	The System will ask the user to choose from the different categories of following. • Photographers • Videographers • Price range
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants to proceed to organize complete event.

DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed Button.
	2	The system takes user to the new page for asking the details of the photography and videography.

Use Case ID	7
Use Case name	Caterering.
Summary	The System will ask the user to choose from the different categories of following. • List of food items(with check boxes) • Price range. The system will then display the total price as per the food items selected.
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants the catering service.

DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed button.
	2	The system takes user to the new page for asking the details of the caterers.

Use Case ID	8
Use Case name	Transport.
Summary	The System will ask the user if he/she wants transport facility or not. If yes , the user will be asked to choose from the different categories of the following: • Vendors • Vehicle type The system will then display the charges per km.
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants the transport service.

DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed button.
	2	The system takes user to the new page for asking the details of the transport service..

Use Case ID	9
Use Case name	Additional details or add event.
Summary	The System will give a choice to user for : • Any further details. • Request a callback. • Add another event. • Make advance payment.
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who has completed registration and wants to proceed further.

DESCRIPTION	Step	Action
	1	The End User Clicks on the proceed button.
	2	The system takes user to the new page to display final choices.

Use Case ID	10
Use Case name	Payment
Summary	The System will display terms and conditions for payment. The user then will be requested to make required payment.The user can choose from mode of payment as from: • Credit card • Debit card • Net Banking According to choice the Card no.,CVV , Name of card will asked.
Primary, Secondary Actors	user
Trigger	This use case is initiated based on the request from the user who wants to confirm the event registration by making event payment.

DESCRIPTION	Step	Action
	3	The End User Clicks on the proceed button.
	4	The system takes user to the new page to display payment options available.