

TEAM INFORMATION:

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TASK 1

Case Study - 1

Answer(A):

In this case, the four actors identified are Alena(also organizer), Receptionist, Support Team, Team Members in India.

Alena - The organizer of this video conference and responsible for adding or dropping team members.

Receptionist - Assists Alena in sending invitations and scheduling the video conferences.

Teammates - The individuals located in various locations in India.

Support Team - Provides technical support for any issues that may arise during the video conference.

Answer(B):

Functional Requirements:

Modifying Attendees: The ability for Alena to add/delete or modify the attendees in group conferences. .

Meeting Invitation: The ability for Alena to send invitations to participants, and the ability of participants to accept or decline the invitation.

User authentication: The user must be able to login and only then join the meeting. No guest should be allowed to join the meeting as some sensitive information could be shared in such video conferences.

Video Quality Control: The organizer (Alena) should have the ability to control the video quality.

Recording: The ability for the organizer(Alena) to record the conference for future reference.

Technical Support: The participants(teammates) should have access to a support team for resolving technical issues that arise while accepting or joining or during the conference.

Compatibility: The video conference platform should be compatible with various devices and operating systems.

Notification: Participants should receive notifications for upcoming meetings and changes to already scheduled meetings.

Non-Functional Requirements:

Performance: The video conference platform should be able to provide a smooth video and audio streaming experience.

Data Storage: Recorded meetings should be stored securely and be easily accessible for authorized users.

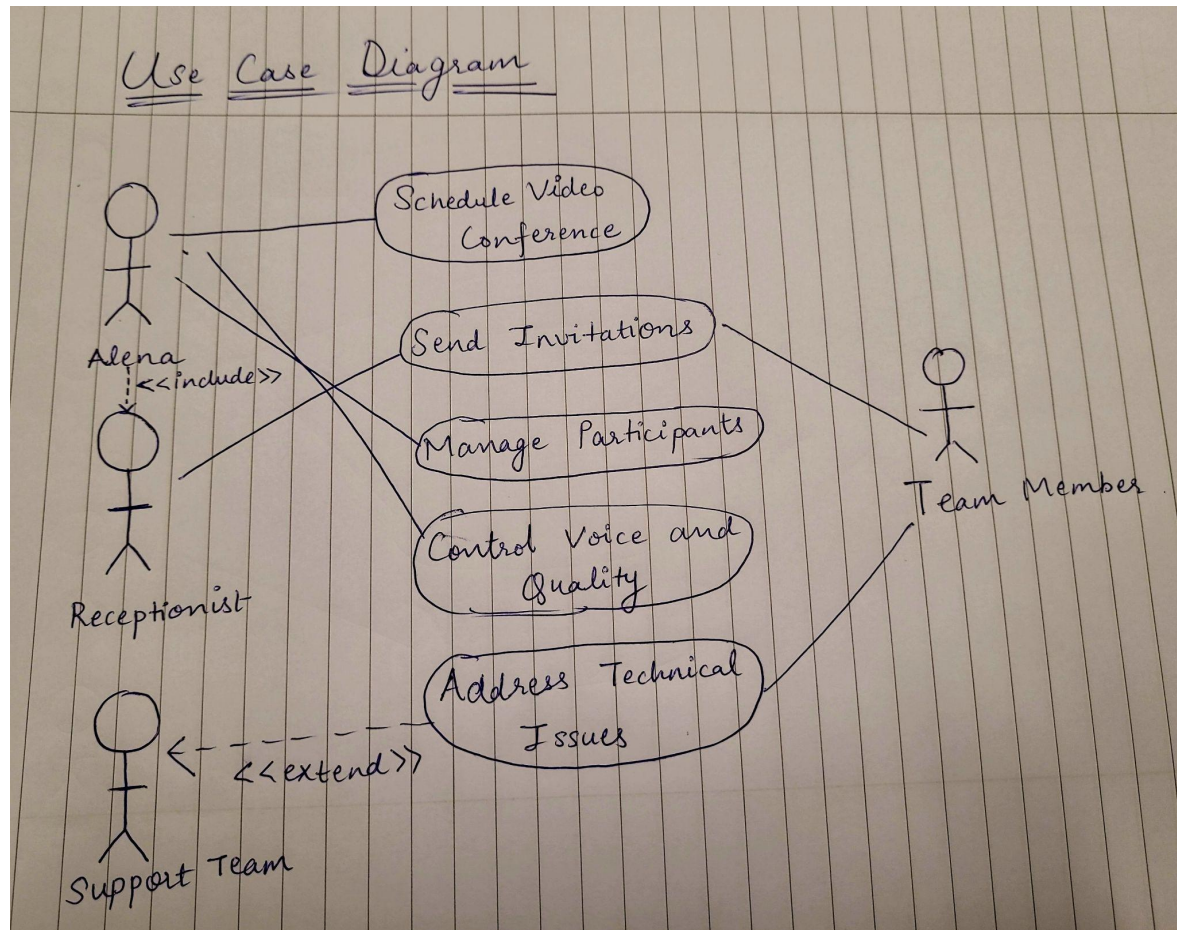
Security: The video conference platform ability to ensure the privacy and security of conference data and communications.

Scalability: The video conference platform ability to support a varying number of participants without compromising performance.

Compatibility: The platform should work seamlessly on different web browsers and devices.

Backup and Recovery: The system should have backup and recovery mechanisms in case of data loss or system failure.

Answer (C) :



TASK 2

Case Study - 2

Answer(A):

User - The individuals using the online flight booking system to search for flights, make bookings, and pay for tickets.

System Administrator - Responsible for managing user accounts and ensuring the system's smooth operation.

Answer(B):

Functional Requirements:

User Management: Securely storing/retrieving user information and also managing user registration and their accounts.

Flight Information: Users should be able to access up-to-date flight schedules, real-time pricing information and seat availability status.

Booking Management: It should be able to provide flight information such as destination, date, booking creation and confirmation and passenger count.

Email & SMS Notifications: Automated notifications should be sent for booking confirmation, changes, cancellations, and flight updates.

Payment Gateway: It should be able to integrate with a secure payment gateway for payment processing.

Reporting and Analytics: Generation of reports on user behavior, booking trends, and revenue is required to identify patterns and improve services.

Customer Support: User support with booking-related issues should be provided through chat, email, or phone.

Non-Functional Requirements:

Security: Securing sensitive information during transactions and securely storing user data.

Performance: It should be able to offer low latency and fast response times. Also, the ability to handle a high volume of users is required.

Reliability: The platform should have minimal system downtime. Additionally, there should be options for backup and recovery mechanisms in case of failures.

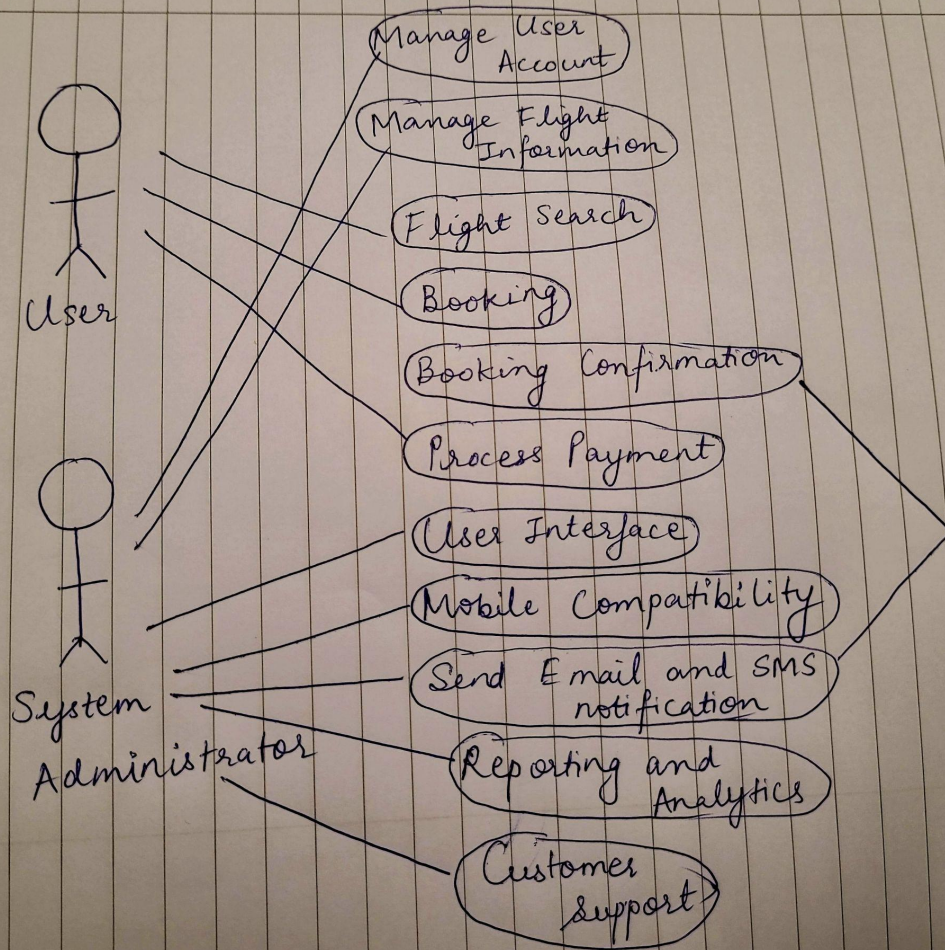
User-friendly Interface: The platform should be easy for users to navigate.

Availability: The platform should be available for the Users to access it around-the-clock.

Mobile Responsiveness: On mobile devices, the user experience should be smooth and compatible..

Answer(C) :

Use Case Diagram



TASK 3

Case Study - 1 (Storyboard/Prototype)

Here below I'm sharing the png images of the prototype. Also I'm attaching the interactive html webpage with this document to see the interactive version of the same.

Send Invitation to People

Email address of the person who needs to invited

Invite

Send Invitation List

People list for Receptionist

List of people who needs to invited

Send

Attendees List

• Harsh Sharma

Remove

• Omeshwari Jakkula

Remove

• Shruti Mahishi

Remove

• Robin Roy

Remove

• Wyatt Jones

Remove

Add More People

