**Class Activity 1**

**Case Study 1 video conference**

1)Actors

1. John

2. Alena

3. Receptionist

4. Support team

2)

Functional Requirements

1. Invitation
2. User Authentication
3. Video & audio quality
4. Screen sharing
5. Technical support
6. Chatting functionality

Non-Functional Requirements

1. Performance
2. Security
3. Network requirements
4. Support and maintenance
5. Data backup

Use Case Diagram:

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**Case Study2**:

Actors:

Controller

pilot

**Functional Requirements:**

1. Proper Communication System:

2. Controller Acknowledgement of Flight:

3. Tracking Flight Location

4. Controller Gathering Information

5. Controller giving Clearance to Land

6. Controller Assigning Altitude in Controlled Airspace

7. Pilot Receiving Instructions from Controller

Non-Functional:

1. Performance

2. Security

3. Response Time

4. Usability

5. Disaster Recovery

3. **Use Case:**

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