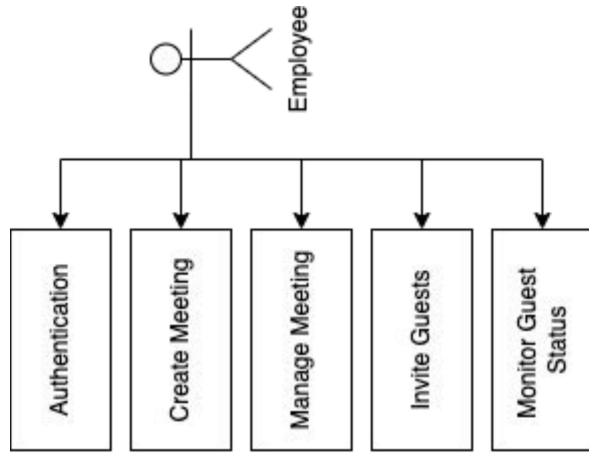
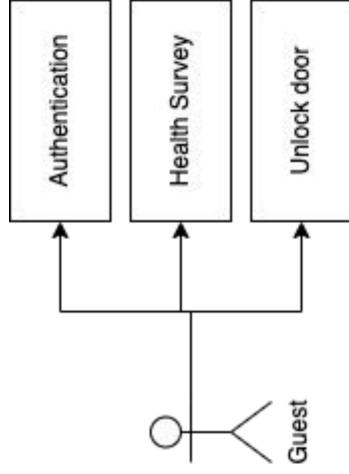


# Virus Validate

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# Use Case Diagrams

# Use Case Diagrams



# Test Case Scenarios



# Test Case Scenario 1

- John is a guest who is attending a meeting with a requirements engineer at the engineer's company headquarters. However, in order for John to attend the meeting, he must know the details of the meeting as well as receive authorization to enter the building.
- John receives an invite email from the system with a code that they can use to log into the app. This code will identify John inside the app.
- John downloads the app and inputs the guest code to log in. If the code is incorrect or John did not receive a code, the app will not allow him to log in.
- Once John logs in, the app will redirect him to a survey.
- John fills out and submits the form within a certain time frame relative to his appointment time (30 mins - 1 hr).
  - If John's answers indicate an illness, the system flags their account so John can't attend the meeting and notifies both John and the employee.
  - If the user's answers do not indicate an illness, their account is permitted for them to attend the meeting and they can unlock the door one time.

# Test Case Scenario 1: What does it test?

- Automated emailing system
- Download functionality for the application
- Guest login system
- Survey capabilities
- Virus validation system

# Test Case Scenario 2

- Jenn is an employee who needs to schedule a meeting with an external guest and monitor their status.
- She logs into the app and selects the '+' icon from the home screen to create a new meeting.
- She enters the meeting date, time, and duration as well as guest email addresses. She taps the submit button and, if all fields are filled with valid information, the system will create the meeting in the database, set up guest accounts, and email guests.
- She will then be returned to the home screen and the meeting should appear in a list. The list is only for meetings she is involved in and are sorted where the top item is the closest scheduled meeting.
- She can tap on the meeting to edit details or add new guests.
- She will receive notifications that can be viewed from the home screen which show updates for when a guest fills out their questionnaire and unlocks the door.

# Test Case Scenario 2: What does it test?

- Login function for employees
- Meeting Creation function
- Meeting editing function
- Automated guest account creation
- Automated emailing system
- Database functionality to hold meetings



# UML Sequence Diagram

# Employee creating a meeting UML Sequence Diagram

