Part I
Use Cases

1   Creating an Appointment

Use Case Diagram

Calendar system

Log in

Create appointment

<uses>

Book meeting room

Log out

Employee
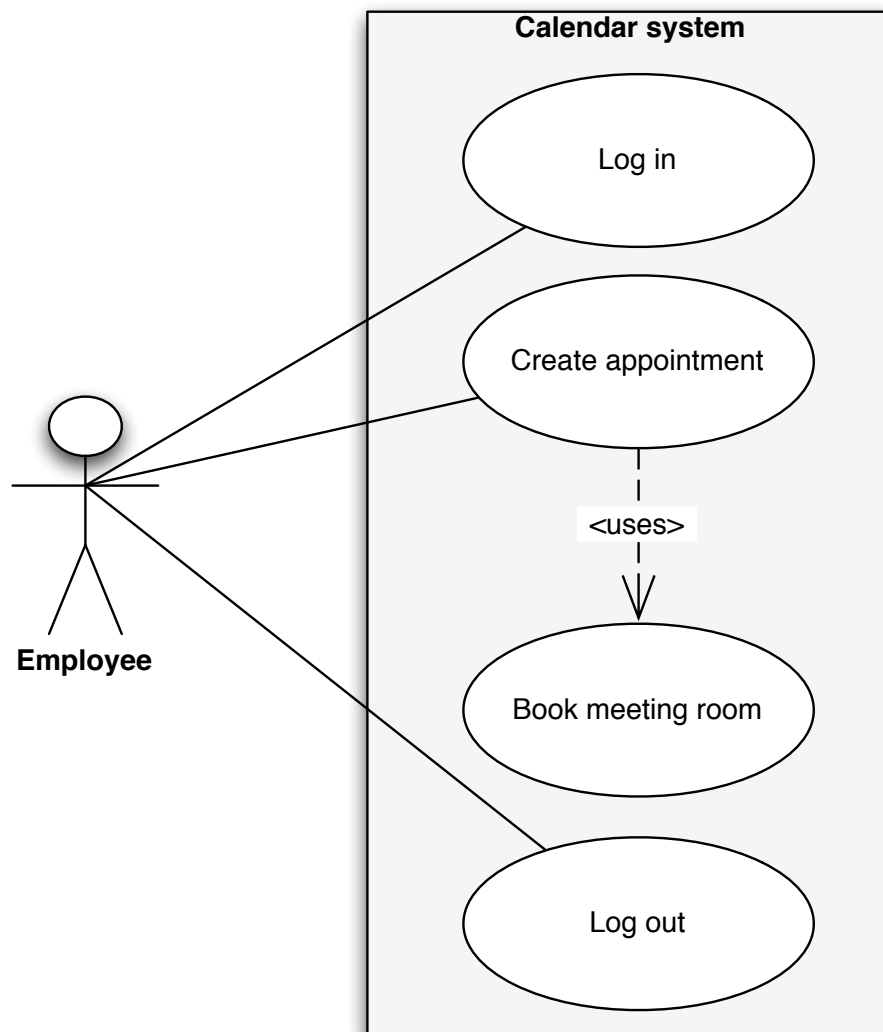
2   Calling a Meeting

Textual Description

- Create a new meeting.

  - Specify date and time.
  - Specify participants.
  - Book meeting room.

      – *Meeting invites are automatically distributed to the appropriate people.*

- Await response from invitees.

- React appropriately.

- **Receive meeting invitation immediately or upon next use of system.**

Use Case Diagram
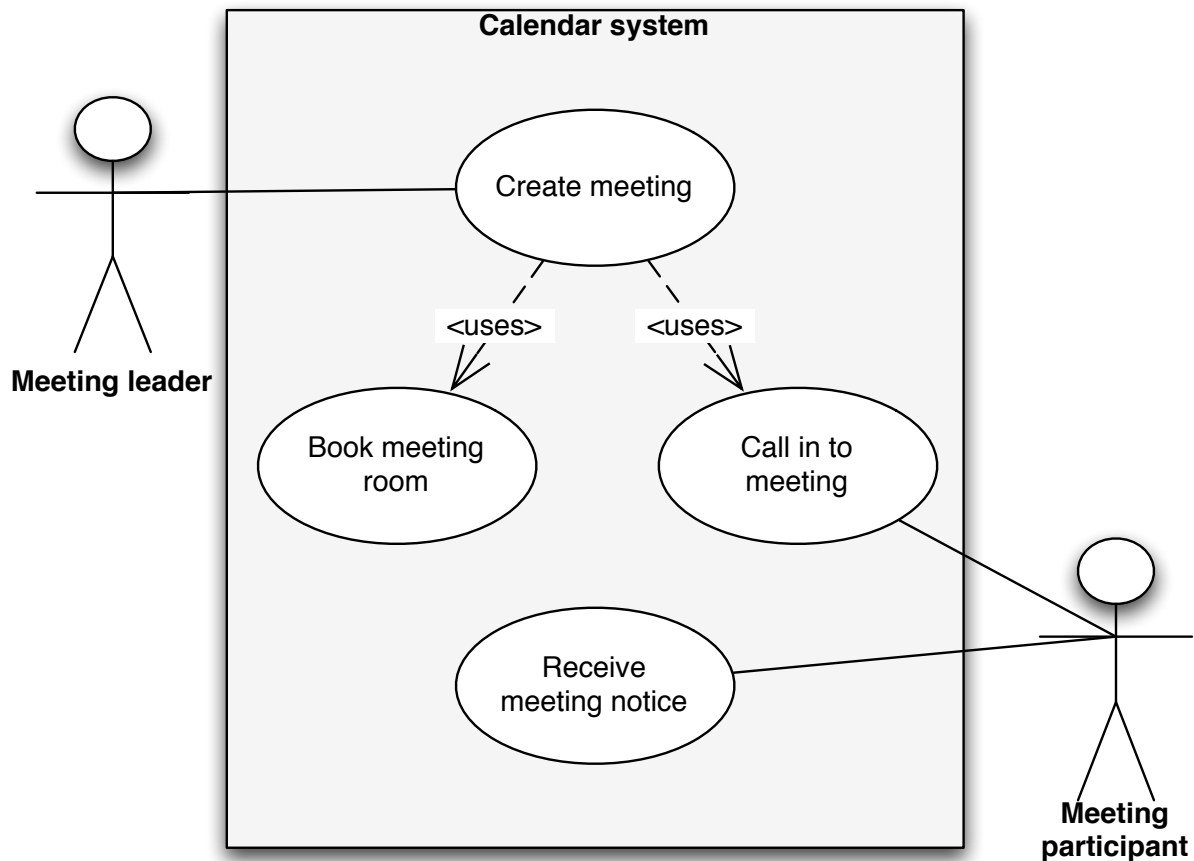
Sequence Diagram

3 Reacting to Meeting Invite Responses

Textual Description

- Receive notification from system that an invitee has rejected the meeting invitation.

  - Change the meeting's time.
  - *Notifications regarding change in meeting time are automatically distributed.*

- Await response from invitees.

- **Receive notification about an alteration to a meeting's time.**

- **Respond appropriately by accepting, rejecting or doing nothing.**

- Receive response.

- Remove all invitees that have rejected the invite.

Use Case Diagram
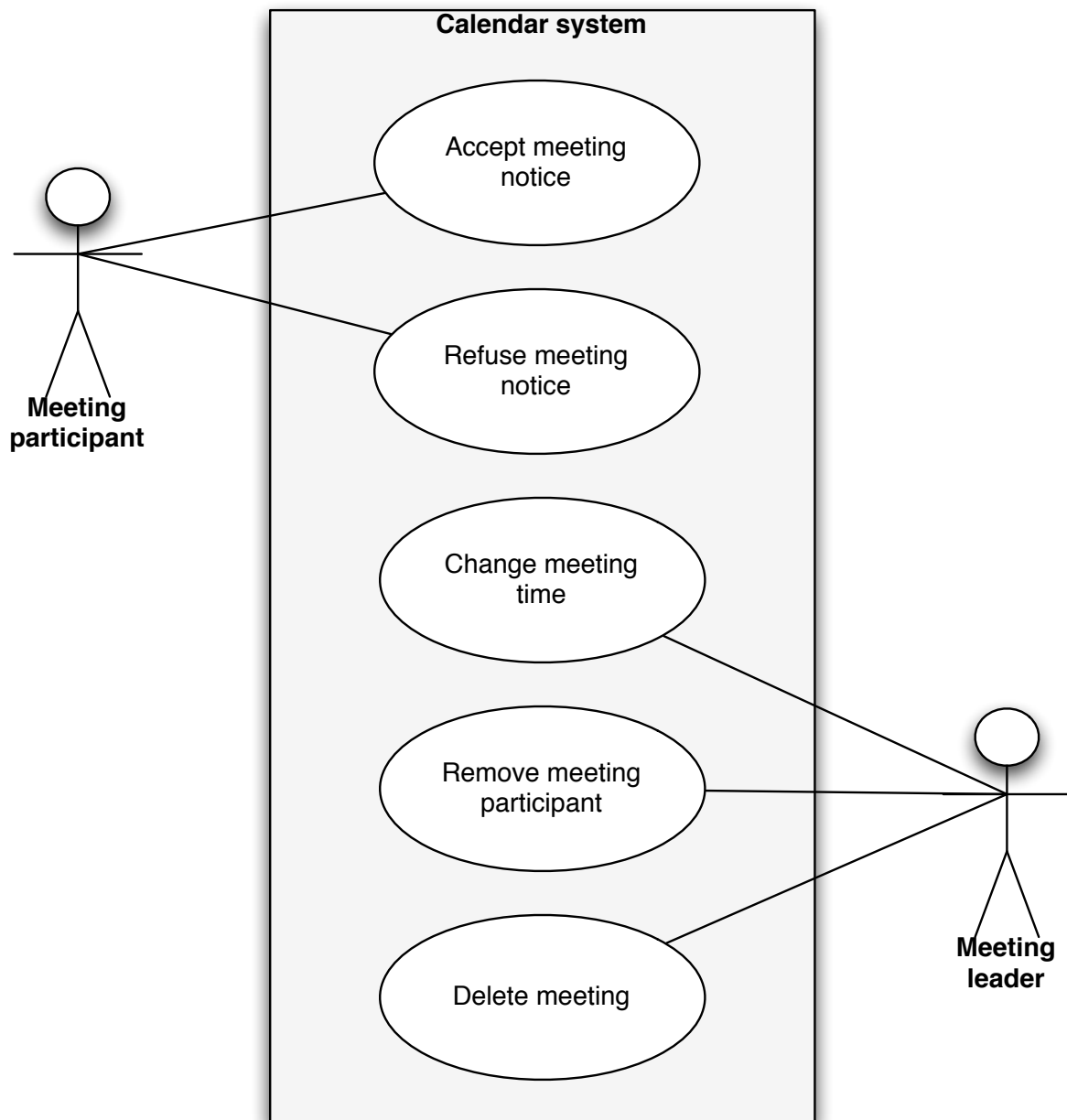
Sequence Diagram

4 Cancelling a Meeting

Textual Description

- Become unable to attend meeting.

- Cancel meeting by removing it from the calendar.

- **Receive notification regarding cancellation of meeting immediately or upon next use of system.**

- **React appropriately.**

Sequence Diagram