

## CSE 403 ACalendar Use Cases

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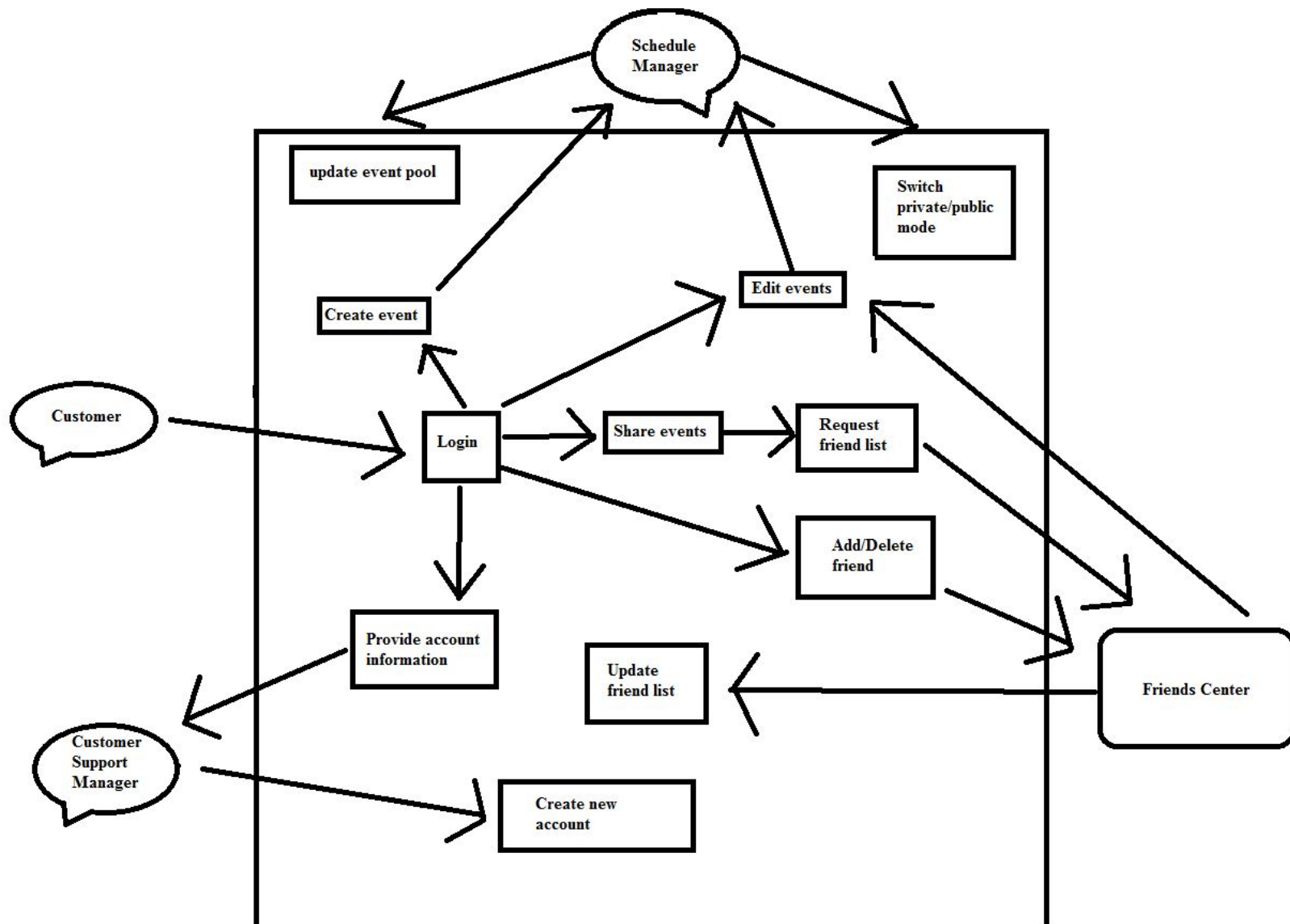
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## System Level Cases Diagram



*User login:*

1. User uses the side navigation menu to choose login as a registered user
2. Login interface pop up
3. User enters the username and password into the text field
4. User presses the login button at the bottom of the page
5. System verifies user, and loads his/her recent event into the calendar page

Extensions: Invalid Username/Password:

5a. Username and password doesn't match.

5a1. UI stays in login page

5a2. Prompt error message

Include: Create account by given user information

*Create a multi-user event:*

1. After login, user click on a date, then a plus sign is provided on the UI to create an event
2. Click on the plus
3. Pop up window shows basic information input field about an event.
4. User provide basic info about this event(date, title, place, repeat or not, participants, public/private, etc).
5. Submit event by clicking 'submit', then event is saved on user's calendar

Include: For public events, all participants can edit the event; for private events, all participants can edit.

*Update event:*

1. Click on an event which the user has permission edit
2. Switch to edit mode
3. Update info field by typing a new info
4. Click 'share' to generate url that let other users join this event. Invited users receive notification about this event
5. Share url by email or other social media
6. New info shown on event info
7. Related users receive notification

Extensions: No edit permission:

3a. Prompt error message

3a1. UI stays in info page, user cannot edit event

Alternative: Cancel changes

4. Discard changes by clicking 'back' button

*Search and join public events:*

1. Click on plus sign to add new events, select search public events
2. App shows a map with pings where each ping is an event
3. Click filter, to change filter to search for different events, then apply filter
4. Click on an event to see detail information
5. View other participants' post on this event
6. Click on "I'm in." to save this event to user's calendar

*Alternative:*

- 6a. Return to map page, discard adding joining new public event
  - 6a1. Public events not added to calendar page