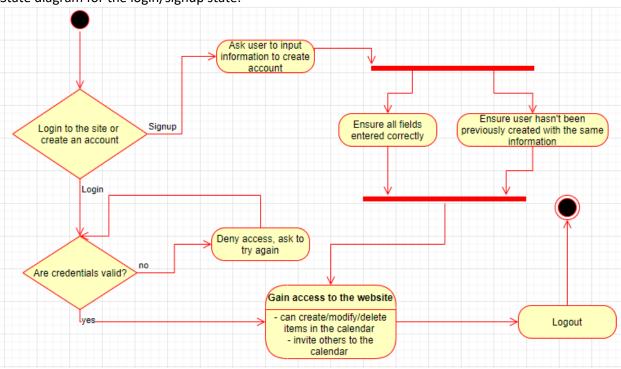
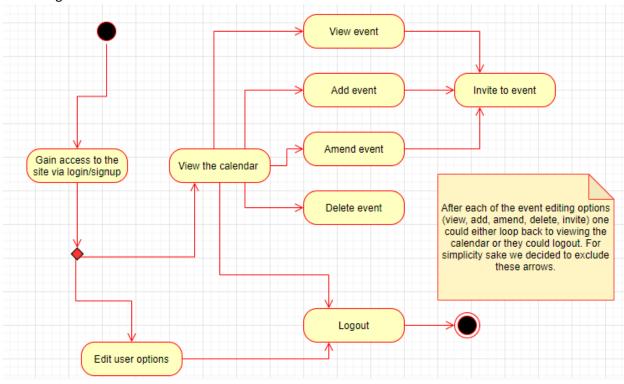
State diagram for the login/signup state:



#### State diagram for the Website Traversal State:



#### Data Model Diagram:

# UserModel

uName email password

uid

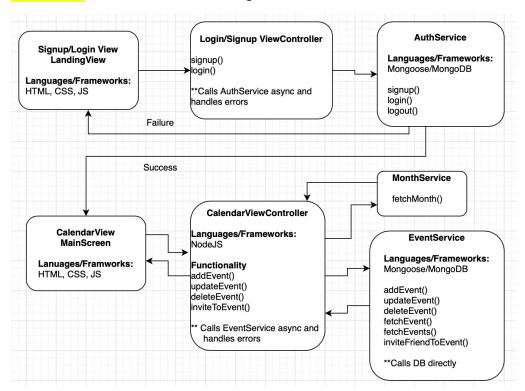
# **EventModel**

eid date eventName eventDetails

creatorID: Foreign key

invitedUsers: [uid]

# **\*UPDATED\*** Model View Controller Diagram:



# **\*UPDATED\*** Class Diagram:

## Login/Signup ViewController

signup() login()

\*\*Calls AuthService async and handles errors

### **AuthService**

signup() login() logout()

\*\* Calls DB directly

#### **MonthService**

fetchMonth()

#### CalendarViewController

addEvent()
updateEvent()
deleteEvent()
fetchEvent()
fetchEvents()
inviteToEvent()

\*\* Calls EventService async and handles errors

#### **EventService**

addEvent() updateEvent() deleteEvent() fetchEvent() fetchEvents() inviteFriendToEvent()

\*\*Calls DB directly

Lofi design of the login/signup page, the calendar view, editing an event and how the menus will look:

