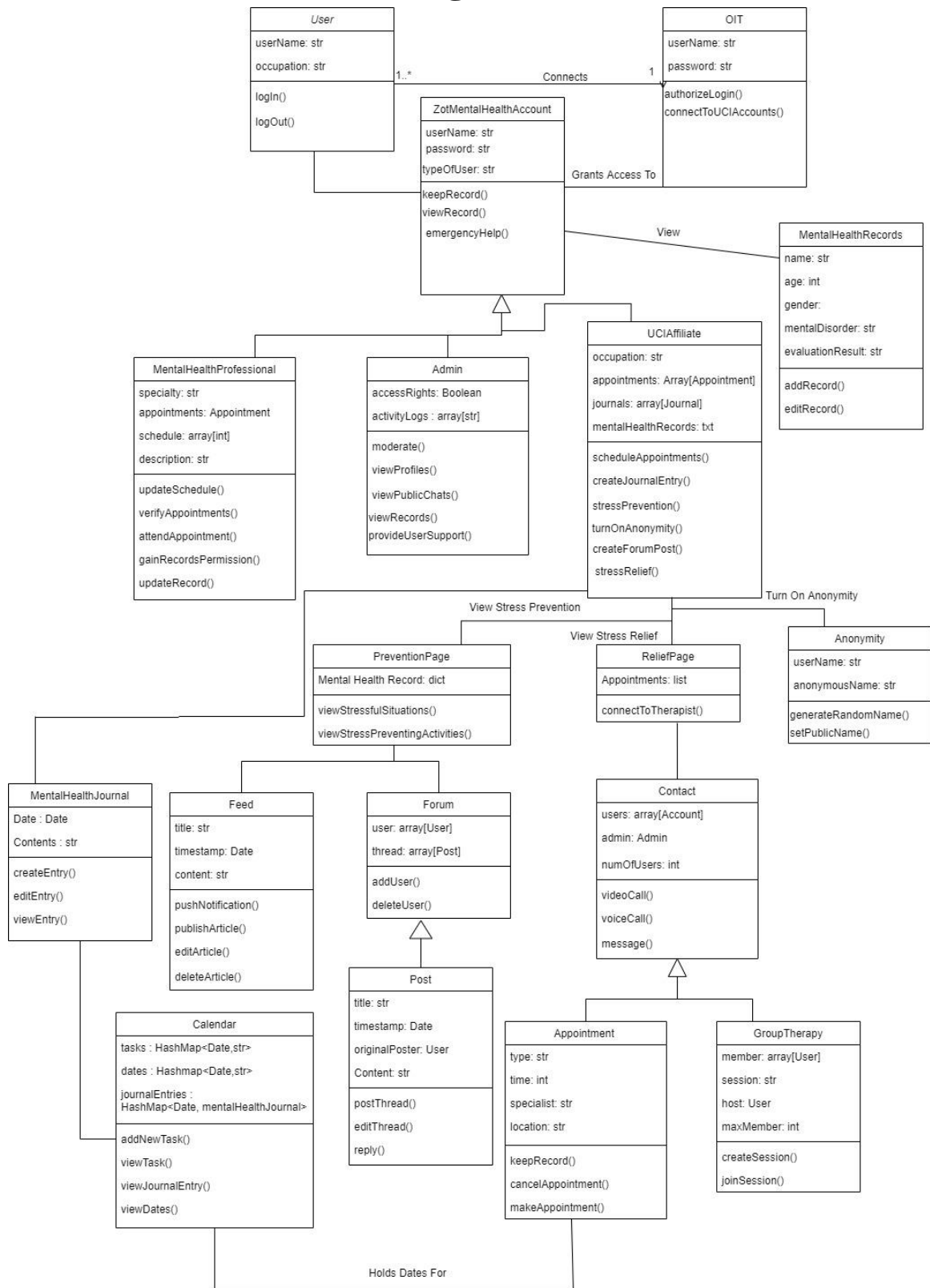


# Domain Model: Class Diagrams

## Class Diagram Model



## Classes

### User

- The person using AntMentalHealth. Is connected to an account by OIT

### OIT

- Office of Information Technology affiliate. Connects a User to an Account

### ZotMentalHealthAccount

- AntMentalHealth account. Has one User.

### UCIAffiliate

- A type of ZotMentalHealthAccount. Emcompasses all students, faculty, and staff that may use the app.

### Admin

- A type of ZotMentalHealthAccount. Has the ability to view and moderate all content within the system. Cannot edit Mental Health Records.

### MentalHealthProfessional

- A type of ZotMentalHealthAccount. Can view all content within the system and only edit Mental Health Records

### Anonymity

- Ensures that UCI Affiliates can contribute to public discussion areas (like Group Therapy or the Forum) anonymously.

### MentalHealthRecords

- This class creates a complete mental health status of any UCI student or faulty. It creates the record through collecting users' name, age, gender, and mental health information. It saves the record and updates the records whenever there is a change in user's personal information. This class allows to view the record with permission.

### PreventionPage

- This class represents how AntMentalHealth prevents any stress-producing situations for students' and faculty's mental health.

### ReliefPage

- This class represents that if students and faculty are already in a stressful situation, then how the AntMentalHealth can help to overcome the situations.

### Contact

- This class represents the different ways in which UCI affiliates are able to communicate with medical professionals/Administrators through AntMentalHealth. Contact keeps track of who is communicating with each other and enables them to choose different methods of contact.

#### Appointment

- This class represents appointments UCI Affiliate users can make. It is a way of contacting Mental Health Professionals to gain assistance. Appointments are available in several different types from online to in-person. Each appointment will contain information like the type, time, place of it as well as which specialist will be assisting the primary user.

#### Calendar

- A collection of tasks, dates, and Mental Health Journal entries, all mapped to specific dates. Every UCI Affiliate has their own calendar, populated by whatever they choose to add.

#### MentalHealthJournal

- A collection of textual journal entries, organized by date. All UCI Affiliates have the ability to keep a Mental Health Journal, and the content can only be viewed by the owner (UCI Affiliate) of the journal, an Admin, or a Mental Health Professional.

#### Feed

- This class represents the daily feed function in the homepage of AntMentalHealth, where articles published by Admin can be seen by users.

#### Forum

- This class refers to the function allowing users to post threads and communicate with each other. Forum is consisted of User and Post.

#### Post

- Derived from Forum, each post must have a title, an automatically-generated timestamp, an original poster, and its content where students share their feelings.

#### GroupTherapy

- This class refers to the event that multiple UCI Affiliates can sign up for and a host (Mental Health Professional) will be there to guide the session.

## Missing Information

### Assumptions:

*Forum*

We are assuming forum works like other internet forums where multiple categories of topics are provided. In addition, the forum is linked to AnteaterMentalHealth accounts so no sign up will be needed.

### *Group Therapy*

We are assuming there are enough sessions available for users to book.

### **Missing Information:**

1. What types of data can users put on the forum (e.g. image, video, attachment)?
2. When Anonymity is on, can users access other functionalities as usual?