



Knight Foundation
School of Computing
and Information Sciences



University
Social App

KNIGHT FOUNDATION SCHOOL OF COMPUTING AND INFORMATION SCIENCES

Spring 2023 Capstone II Project

University Social App

(Connecting Students on Campus)

Problem

Many students struggle to find friends coming to FIU for the first time. Furthermore, with many students participating in hybrid or fully online classes, students may not have access to meeting each other through in-person meetings or events.

Current System

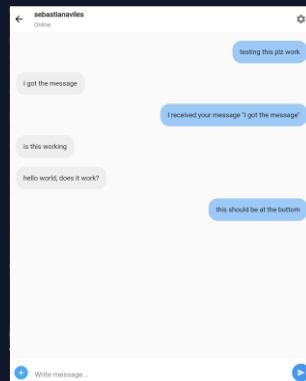
There is currently no social media app for FIU students to find each other and become friends. Some students can reach out to other students via Instagram pages such as "FIU2027Class", but not all students participate.

Furthermore, students may not be able to confirm that the students they are speaking to are indeed FIU students and may not want to provide their personal numbers.

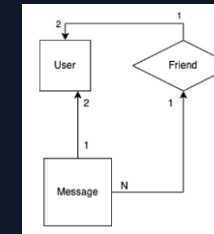
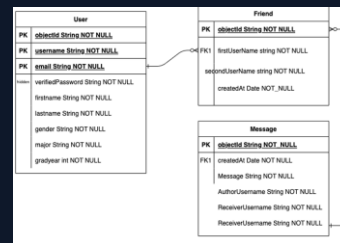
Requirements

I was tasked with implementing the chat feature for students to be able to communicate amongst each other. Allowing users to view and manage individual chats with friends

- Sending messages
- Storing messages in the database
- Developing Chat UI
- Displaying private messages between users



id	username	password	gender	major	gradyear	createdAt	updatedAt	deletedAt	status
1	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
2	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
3	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
4	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
5	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
6	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
7	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
8	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
9	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active
10	sebastianwiles	12345678	Male	Computer Science	2027	2023-01-01 00:00:00	2023-01-01 00:00:00		Active



Verification

Verification was a collaborative effort with the final say being up to the Product Owner. Members would discuss changes to the code and whether that would affect their current work.

Conclusion

While the group originally had lofty goals for the implementation of this app. I believe that I made great strides in accomplishing what was assigned to me (chat feature). Future Capstone students should be able to continue this implementation to hopefully connect more FIU students.

