Team: 203-1

Team Name: 3LG

Team Members: Max Graef, Jackson Rini, Jake Nichols, Helen Kim, Kyle Baird, James Nichols

Project Name: Poke

Anti-Social Social Media App

Project Description: Use an app to send "poke notifications" to people you are connected with. Connections can only be made in person. There are few things that you can send, you are limited to emoticons/pre-written messages. Too scared to send a risky test? Just send a poke instead. If someone pokes you, you can only reply with a thumbs up or down. There is a cooldown after you send a poke so choose wisely!

Vision Statement: For people who wish to poke at people they know without leading into a full-length conversation.

Version Control: https://github.com/CSCI-3308-CU-Boulder/203_1_F20

Development Method: We are using agile/scrum methods and we want to implement kanban into that.

https://csci-3308-fa20-203-1.atlassian.net/secure/RapidBoard.jspa?rapidView=1&projectKey=GI203&view=planning.nodetail&epics=visible&issueLimit=100

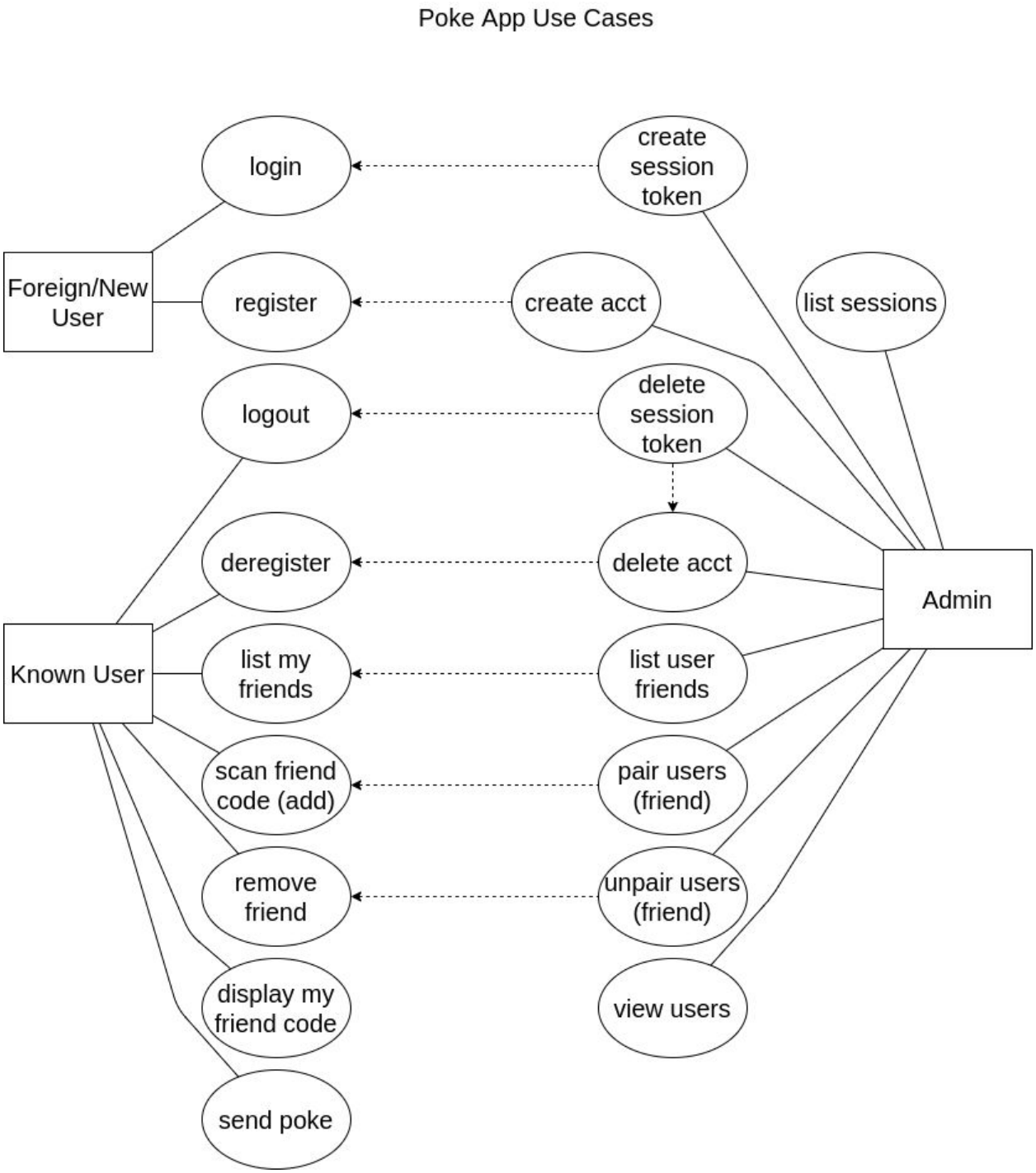
Communication Plan: During the course of our project, we will be communicating mainly through the Discord program, an alternate software to Zoom. We can all type in the Discord channel to give updates to others at any time, and if we have something urgent, we have everyone phone numbers in a group chat.

Meeting Plan: We meet every week from 6:30 - 8:30 on Tuesdays, as of now on Discord. During the course of our development, we will need to meet in person to test our app, so we will schedule slots at the Library to use their private study rooms.

Proposed Architecture Plan:

We will use a Client-Server model to build the app. Specifically, we will build the server software with python as the back-end using the Django web framework and the client software only for mobile on Android and iOS using React Native. The Django server will store user information in a database managed by MongoDB. We will use MongoDB specifically because it will offer the advantage of ease of storing highly asymmetric data that traditional SQL databases struggle with.

Use Case Diagram:



Use Cases:

- Create user account
- Scan QR code to add others
- Send “poke” message
- Respond to poke message
- Establish friends/added users list
- Manage user accounts
- Profile status (do not disturb/unavailable, open)
- User profile picture
- Modified “poke” message (other types of notifications such as I have covid)
- “Poke” messages received/sent log
- Timestamps of sent/received “pokes”
- Modify/Remove friends/added users
- Reset password when requested
- Password Reset link expires after 2 hours
- Change email on file when requested