M6 Report - MyBubble

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Progress since M5:
- **Front End:**
    - Created main sign in/registration page, implemented Google Authentication to authenticate users
    - Created search page that allows users to search for individuals
    - Created home page to show the number of first, second, and third connections of the user
    - Created a settings page to change the health status of the user
    - Created a calendar page to keep track of when the user meets with another user (not completely implemented)
- **Back End:**
    - Created backend server that helps with registering users, adding new connections, and updating health status
    - Created MongoDB database to store users and other information (like connections)
    - Integrated push notification code into the backend server to generate push notifications

Plans for M7:
- Get calendar page integrated with Google Calendar (finish implementing)
- Get temporary connections to work (temporary connections is a list of people who the user has met from the last 14 days, we still need to work on when checks will occur)
- Extensive testing and refinement
- Get a visual representation (like a graph) to represent first, second, and third connections between users

Changes in Scope:
- Changed the frequency of checks for changes in health status from once every minute to once every hour (changed because it may be straining for the device)
- Changed the search result display time from 500ms to 2 seconds (to allow for potential slow connections to the server)

Contributions:
- Emily: Front-end, implemented Google Authentication, sign in/login page, get and put request functions on the front-end, aesthetics of pages
- Tristen: Front-end, worked on search page, settings page, worked on get, put, post functions on the front end
- Charlie: Back-end, worked on main back-end server, transitioned server from MongoDB to Mongoose, worked on back-end server logic and request functions
- Ka-Yee: Back-end, worked on main back-end server and functions, set up push notifications backend code and Google Firebase for push notifications