Tentative Name: Virtual Picnic

Roles/Responsibilities:

Front-End Development: Olivia, Tiffany, Nyela
Back-End Development: Abby, Nyela
Research: Olivia, Tiffany
Presenting: Abby

Idea: People can join our web app and find someone to have a virtual picnic with. This app is similar to Bumble or Tinder, but for friendly picnics. People do not have to show their faces, as the participants just have a phone call and exchange pictures at the time of the picnic. This web app encourages socialization and caters to people that enjoy picnicking. Additionally, this app appeals to shy users because they do not have to show their faces.

Each bullet point is a main feature that we can hopefully fully implement. We can focus on extra features if we have some time left over.
- Users will register an account with an email, phone number, and password.
  - Extra feature if we have time: Some kind of multi factor authentication will happen.
- Users can add info about themselves such as a profile picture, a brief description of themselves, their age, what state they are in, and what foods they like.
  - Extra feature: Users will have their own profile page where they can view and edit their information.
- There will be a page with a list of other users and their information. There will be a button that allows the user to message users that they are interested in picnicking with.
  - Extra feature: The list can be filtered by the types of foods they like, age, location, etc.
- The user receiving the message will also get a message with the other user's profile info. They can message back to start a conversation.
  - Extra feature: There will be a message that users can send to stop the conversation.
- There will be an appointment page where users can view their upcoming appointments and set up or cancel a picnic appointment. Appointments will be 30 minutes long. Users can select a picnic theme for the appointment.
  - Extra feature: The appointment can be saved in Google Calendar.
- At the appointment time, our web app will allow either of the two users to start a phone call with each other.
- Users will upload pictures of their food and picnic setup to the web app.
- After the appointment is over, the details of the appointment (including the people who had the picnic, what time it was at, pictures from the picnic) will be saved on a "past appointments" page.

Here's a list of all of the main HTML pages (feel free to hardcode lists and stuff if you are waiting on backend, even just having the frontend works for presentation):
1. base.html for the site header (other pages can extend from this page and then the same header will show up on every page)
2. Home/index page
   a. Needs a registration and login button
3. Registration page
4. Profile info form page
5. Login page
6. List of users page
7. Upcoming appointments page
8. Past appointments page

Back-end notes:
- Using Flask as the platform
- CockroachDB as the database
- If possible, deploy on Google Cloud's App Engine
- Register domain with GoDaddy to qualify for the category
- Figure out calls and messaging with Twilio