<div align="center">**Phuket List**</div>

- **Objective**
    - To be able to create a social network website where people can join a community to check off items in their bucket list and experience things they want to do before they die.

- **Sprint 1**
    - **Objective :** Develop the foundation and allow users to register or login to their account and also retrieve his/her password in case they forget their credentials and allow them to update their bucket list on their page.
    - **User Stories:**
        - Register: *As a user, I want to register, so that I get a dynamic experience.*
            - Create responsive page with input fields.
            - Hash and salt passwords (security)
            - Create database to store user credentials in encrypted format
            - Create a session to remember user
            - Ensure password is valid for security (moderate strength)
            - Provide error messages if email is not unique or password is not strong enough

        - Login: *As a user, I want to login, so that I can return to my account.*
            - Create responsive page with input fields for login
            - Read from database to ensure account exist
            - Provide error messages if account not found
            - Provide link to reset password if forgot

        - OAuth 2.0: *As a user, I want to login with Google gmail account, so that I don't have to create and remember another password.*
            - Register a web application client ID to authorize users
            - Update config file to connect to Google Cloud Platform

        - Password Retrieval: *As a user, I want be able to reset my password, so that I don't get locked out of my account if I forget my credentials.*
            - Ability to send emails with link
            - Update database with new credentials
            - Resend email option in case user doesn't receive email

        - To-do list: *As a user, I want to be able to create, update, and delete bucket list items so that I can reach my goals.*
            - Create React components to style and render bucket list item
            - Use CSS Flexbox to style and make page responsive
            - Update the database in response to user events

- **Sprint 2**
  - **Objective**: Design a personal and dynamic experience through profile pages, dashboard feeds, groups, and sharing post with images and text.
  - **User Stories:**
    - User profiles: *As a user, I want be able to create a personal profile, so that people can know more about me.*
      - Ability to upload photo
      - Ability to write a bio
      - Show public bucket list items

    - User Settings: *As a user, I want be able to have control over my account, so that I can control who can see my profile.*
      - Ability to set Account public or private
      - Add feature of disabling/enabling direct messages

    - Activity Feed: *As a user, I want be able to have a personal and dynamic page, to see my past history and recent activity of my groups.*
      - Show and update feed for most recent posts
      - Display content based on recent group posts and images
      - Show new users who have joined group

    - Bucket list Groups: *As a user, I want to connect with people with the same bucket list item, so that I can connect and accomplish more.*
      - Show button to join or leave group.
      - Be able to see in sidebar, people (with the public account setting) involved in the group
      - Show recent activity in group
      - Show real time options to join related groups, based on keyword matching.

    - Contribute to Group: *As a user, I want to share new post with images and text, so that I can contribute to the group.*
      - Enable uploading of photos (drag and drop)
      - Enable ability to edit or delete post
      - Ability to write text in a textarea and submit
      - Functionality of rendering in the feed

    - Like Button: *As a user, I want to like posts, so that I can show my support for other group members.*
      - Limit ability to like a post only once
      - Display a like button icon, and update color based on state
      - Enable toggle functionality to disable previous like

- Comments: *As a user, I want to interact with other member's post with comments, so that I can respond and share with my groups.*
  - Associate comment to the post in the database
  - Create React component for how the comment should look
  - Set state in React and Redux so that page renders dynamically to show their comment without refreshing the page

- **Sprint 3**
  - **Objective**: Provide functionality to further connect users through the development of friends list, in-app messaging, and an updated dashboard feed to see friend's recent activity.
  - **User Stories**:
    - Add friends: *As a user, I want to be able to add/remove friends, so that I can further connect with other users.*
      - Add My Account page, and show list of friends
      - Show button to Unfollow
      - Update in database and re-render updated pages

    - Messaging: *As a user, I want to be able to direct message my friends, so that I can get to know them better and make plans to accomplish bucket list items.*
      - Add My Messages page, and show history of messages
      - Enable adding multiple group members based on their settings, in the group chat
      - Update in real time, using Socket.io

    - Report Inappropriate Content: *As a user, I want to be able to report offensive content, so that I can feel safe and respected.*
      - Display a button alongside each post/image to 'report'
      - Hide post until admin makes decision on the appropriateness of the content
      - Send email and notification message to Admin

    - Personalize Dashboard Feed: *As a user, I want to see the recent activity of my friends, so that I can make new bucket list items and stay connected.*
      - Update dashboard feed as to show friends and recent bucket list items/groups they have joined
      - Show button to join (event then adds to bucket list)

- **Sprint 4**
  - **Objective**: Display bucket list, event, and friend recommendations as to provide a more personal and engaging experience.
  - **User Stories:**
    - Bucket List Recommendations: *As a user, I want to be able to find new bucket list items, so that I can have fun things to look forward to.*
      - Based on groups involved in and friends, show similar bucket list items
      - Display recommendations based on groups joined by friends

    - Event Recommendations: *As a user, I want to learn about cool events, so that I can find events I did not know about.*
      - Connect and use Foursquare API data for restaurants or events
      - Display in Dashboard feed for a personal experience for user

    - Friend Recommendations: *As a user, I want to meet new people with similar interest, so that I can have a bigger social circle.*
      - Display in dashboard feed, new connections made through showing current friends making new friends
      - Enable ability to view their account through link based on their user account privacy settings

PhuketList

PhuketList is a social network for people to create their bucket list and to connect with people who share the same bucket list items. A bucket list is a compilation of what someone wants to accomplish or experience before they die. In PhuketList, users can create and subscribe to bucket list items. There they can can communicate with like-minded people and share their progress and experiences. Our product will be a web application built with HTML, CSS, JavaScript, React, Redux, Node.js, Express, and MongoDB.

The means by which we will develop our skills will be through Lynda.com provided by CSULB as well as the API documentation for the corresponding technology. Through Lynda.com's learning paths, we have the courses to learn about all the languages and frameworks that we need in a logical and incremental path.

A general description of the finished application will be user authentication and authorization, CRUD operations on a bucket list, and the ability to join groups for a shared bucket list item. The four sprints can be divided into the four main features that we plan to accomplish.

The goal of the first sprint is to enable user authentication and provide authorization to create a personal bucket list where the user can create, read, update, and delete their items.

The second sprint consist of accomplishing the features of user profile pages, as well as personal and group dashboard feeds where users can create, view, and interact with user posts through likes and comments. In this section, we will need to implement the ability to upload images and text for user's post.

In the third sprint, our goal is to create the functionality of in-app messaging through direct messaging as well as group messaging. In this sprint, we will also enable the feature of adding other users as friends which will also enable us to create a more dynamic and personalized dashboard feed for the user as they can see the public updates and activity of their friends. As more interactivity is allowed, users will also be provided the feature to report offensive content to ensure appropriate and respectful interactions within the app.

The fourth sprint consist of connecting to the Foursquare API as to provide event recommendations in a user's dashboard feed based on the groups that a user subscribes to. Another feature would be providing friend recommendations based on the number of bucket list items you have in common. Also the user's main dashboard feed will also display bucket list items that their friends or members in their groups subscribed to and provide an option to join that group as well.

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