Team Projects from Previous Semesters

Academic:

- Ulit: Aid with creating student course schedules. Propose multiple schedules, allow student to choose best one.

- UT Study Spots: List study locations on UT campus. Users can rate based on busy/noisy. Post comments about current status.

- WhereToStudy: App that allows users to discover and review study spots around the UT campus.

- StudyUnit: Piazza meets Facebook meets GroupMe: for UT students who need to connect with classmates to form groups.

- StudyBuddy: Create study groups for each class. Invite friends, chat with other members.

- uni.fy: Create study groups for each class. Invite friends, chat with other members.

- UTDirection: a one-stop shop for UT students, allowing them to manage their class times, view their Bevo pay accounts, view their network usage, and find buildings on campus.

- Ketchup: sets up groups of students who share the same classes so they can post important class notes and announcements, and also send out "attendance alerts" saying whether or not a particular lecture is important to attend.

- GroupLINQ: create and manage project groups for the user's classes.

- Imprint: create and manage flash cards for studying.

- Spudy: create study groups with friends based on locations.

- AdviseMe: connect freshmen with upper-division students willing to advise them on courses.

- BestStudies: help users be more productive during study sessions by managing timers and detecting when the user accesses the phone when they should be studying.

- Gro: manage list of student organizations on campus and information about each.

Health and Exercise:

- TeamLift: Social app to enable gym members to find other people in their gym to group with

- Bulk Up: Workout / exercise app with member page, workout coach, nutrition aid, and exercise bank

- Dynami: Create a strength training routine. Start with a survey asking about duration of program, days of week, experience level, etc., and create a daily workout schedule that outlines exercises to do, sets, and reps. Exercise timer. View progress.

- FitFeed: Workout / exercise app with profile, weight/set/rep planning, and ability to post / see what other users are doing.

- Go To Gym: create a customized gym schedule. Find gym buddies.

- Pawdometer: extracts data from the phone's pedometer to track steps taken and stairs climbed, and uses that data to earn rewards to buy food and toys for a virtual pet.

- Dragons Trek: raise a pet dragon by walking. Earn rewards for dragon eggs, food, toys, and stables.

- Step Strikers: D&D-like battle game. Earn better weapons, armor, and items by walking.

- Momento: journaling app based on BeReal. Walk and share accomplishments with friends.
- Shadow Strikers: earn rewards for walking that allow you to play *gacha* games (vending machine games) to get weapons and armor for a battle game.
- SquadUp Austin: help students form pickup sports games.
- SportScout: find people to form pickup teams for rec sports based on GPS.
- FitWithFriends: a game app to encourage people to run for exercise by making it a competition.
- HeartBeats: music recommendation program that ties into the user's heart rate.
- Streakz: build and maintain good habits by tracking and rewarding "streaks" of desired behavior.
- HabitHabit: track habits and earn incentives to keep you accountable.
- Habitotchi: track habits and earn rewards to raise a virtual pet.
- BitReal: use social accountability like BeReal to help you achieve self-improvement goals.
- BusyBee: share your daily progress and motivate your friends to achieve productivity goals.
- SnapTrack: customizable habit tracker.
- Bienestar: mental health and wellness app: set goals, share feelings, perform daily acts of kindness.
- Mo Ikai: track healthy habits using statistics and graphs.
- Jot: daily wellness journal with colors, emotions, and a link to Spotify.
- RouteRunner: generate scenic routes of specified distances for walking/running.

Food:
- Cookly: Remove the manual process of collecting recipes, making a grocery list, and purchasing the groceries. Mark recipes as "favorite". Produce a shopping list.
- prepMate: recipe management.
- FoodBook: share photos of meals and recipes.
- Foodbook: Recipe management system: post recipes, get feedback from friends on suggestions / improvements. Ability to post pictures of finished dish, or video showing preparation. View other users' recipes.
- Full: "Tinder for restaurants". Build up database of favorite restaurants to choose from, or allow app to make recommendation based on profile.
- DinnerReady: pantry management system. Enable users to add purchased groceries to a pantry database. Select a recipe from the recipe database to make a meal, and remove the consumed ingredients from the pantry.
- En Route: map out restaurants meeting specified criteria as you're traveling on a road trip.
- Homecooked: make servings of home-cooked meals and sell them online.
- The Meal Plan: calendar, grocery list, and nutrition planner.
- GrocerEasy: manage contents of a shared pantry for roommates.
- Cart Squad: manage contents of a shared pantry for roommates.

- Take-in: tell community that servings of food you cooked are available for purchase.
- InstaEats: enable one person to place a single order at a restaurant by collecting input from a group of people.
- Grocery Guardian: pantry management app that focuses on expiration dates of food items.
- Passplate: use an interactive map to find recipe options from around the world. Also includes a filter for potential allergens.
- Dishcovery: find restaurants that accommodate specific dietary needs and restrictions

Social:

- Rant: Hub for people venting their issues. Scoring system.
- Family Tree: an app to keep all family in formation in one place, like you would groceries or reminders.
- BookMe: group calendar app. Saved friends and groups. Discover events near you.
- Chill: A location-based app where a user can meet nearby people. Add interests/likes and answer a few questions. Match within 1-3 miles. See nearby matches and become friends.
- Bevo Ballrz: facilitate pickup games, teams, and scores.
- PawPal: Tinder for pets. Making playdates.
- PetPals: Tinder for pets. Finding potential pets at a shelter.
- CollabCal: Group calendar app. Users fill out calendar with "busy" times. Tag friends in groups to see overlay of availability.
- MeMe: Create memes, view memes sent by friends, upvote/downvote.
- LaMMP: "Tinder for roommates". Build a database of students looking for roommates, and make matches based on criteria (gender, age, major, preferences, etc.)
- Critique: social media app for movie lovers. Extract movie info from IMDb to pick a movie, and then post a review. Manage following/followers, review feeds.
- Crime Watch: Essentially, Ring without the doorbell cameras. Join a neighborhood, post pictures/video of suspicious behavior, chat with neighbors.
- Pinnit: a platform for communities to build maps specific to their interests. A mobile version of Google's web application "My Maps".
- Dialogue: an instant messaging app. You can create moderated or unmoderated discussions, with different roles (such as view-only).
- 40Acres: a combination of 5miles, eBay, and Mercari: a buying/selling app. It did not handle payments, but enabled sellers to post items and prices, and enable buyers to set up meetings.
- HookUp: a marketplace for UT students to sell items to other UT students.
- BevoPlace: a marketplace for UT students to buy, sell, lend, or lease items.
- Stance: allows users to create a simple poll. Limit the distance (people within 10 miles), ask a simple question, provide a short list of responses, manage poll end date. Display statistics / results.
- Able: connect volunteers with people who need their help or donations.

- Mobilize: create and organize popular movements and protests.
- Neighborly: connect people in a neighborhood through sharing/fulfilling simple favors and creating events.
- NeedAHand: connect people in a community through exchanging favors.
- Matchus: matchmaking app based on hobbies and interests.
- ORGanizer: one-stop shop for student organizations on campus. Search for organizations you might join, and register an organization you're in to attract recruits.
- Harmony: meet other people based on music preferences and interests.
- Souvenir: create trips that you are interested in taking / have taken, and store/share blogs and photos.
- FindMyTune: Tinder for music: get music recommendations based on your current playlists.
- WhatTheSport: build a community for following your favorite sports: social posts, events, etc.
- Backboard: NBA scores, articles, highlights, and standings.
- MeetMe: social day planner for users with multiple disjoint social groups.
- UpNext: social meeting planner for groups.
- HitMeUp: connect with people nearby.
- HornSync: make it easy to sign up for student organizations by sharing stored personal infomation, and tracking attendance.
- Tierify: tier list social app: create tiers, fill out a tier list, share with friends.
- TopTier: create tiers using drag/drop.
- Health++: healthy living management and tracking.
- Moodle: healthy living management and tracking.
- Just So You Know: notify other registered drivers about a problem (broken taillight, flat tire) they may be unaware of.
- Crumbs: create social posts that are only visible when the user is in the correct geographical location.
- On The Mooov: build teams of volunteers at UT to assist students with disabilities.
- Forage: social app for posting favorite dishes at restaurants.
- SoundStats: collect data from Apple Music / Spotify users and display interesting statistics to share with friends.
- Pic-Nic: share photos and activities with others in your local area - geotagged, and feed reset daily.
- Muse: display summary of your friends' listening habits on Spotify and locate concerts you might attend together.
- Vibes: create social posts with songs attached.
- SocialStake: make bets on events (such as sports) over social media.

Travel:

- Travel Pal: connect people with a travel buddy.

- Wanderlust: travel blog and photo album.

- Flock: create travel events, manage itineraries, and share information / maps / photos with friends.

- RestStop: find convenient and clean restrooms when traveling. Create and read reviews.

- ItinAI: planner for group travel using AI to schedule events and travel time between locales.

- WanderWise: planner for travel using AI to schedule events and travel time between locales.

Games

- Conway's Game of Death: 2-player competitive version of "The Game of Life".

- 1000 Cards: Card game framework inspired by Cards Against Humanity and Apples to Apples. Dynamically create cards.

- Poker with Friends: Texas Hold 'em poker game.

- Libs With Pals: Mad Libs for the iPhone.

- LoLStats: Personalized League of Legends statistics app. Create a personalized data set.

- Galaxy Racerz: Multiplayer racing game in which you avoid obstacles and beat opponents to the finish line. Single-player, or multi-phone multi-player.

- PlayPal: D&D utility, including rolling dice, spinner, setting timers, and turn/round/segment counters.

- Dungeon Master's Assistant: Utility for D&D. Create character sheets and NPC sheets, and place characters on a map to manage a battle.

- FIndIt!: Create scavenger hunts using Google Vision to determine whether or not a photo of a real-world object matches something in the scavenger hunt.

- Mafia Manager: Utility for Mafia, Secret Hitler, and similar card games. Create decks, manage cards, enable a game narrator vs. players.

- Who's a Good Boi: same as Mafia Manager, but with Dogs vs. Squirrels.

- Run Dino Run!: an app based on the Chrome Dino game, an 8-bit throwback game where a dino runs horizontally across a scrolling screen, avoiding obstacles by jumping over them.

- Pokemals: use the camera to photograph real animals and identify them using Google Vision. Present encyclopedic information about the animal, and save the image in a collection.

- AnimalDex: like Pokemals, but with more of a social aspect. Enable users to find other users nearby and trade photographs in their Pokedex-like structure.

- Dam It! move beavers and place blocks to build a dam.

- Adventure Architect: create your own adventure game, or play one published by other users. Includes a number of QuickTime mini games.

- A Knight in Space: RPG action game.

- Coup: a card game with functionality similar to Mafia Manager.

- Monster Smackdown: essentially a copy of Pokemon Showdown: turn-based RPG.

- Crab Jams: combination of "BeReal" and a daily programming challenge.

- freelo: tournament management system use dynamic ELO ratings.

- Dungeon Rumble: original roguelike game using ASCII graphics with modern joystick .

- PokéHub: a tracker utility for Pokemon Scarlet and Violet.

- UTGuessr: the "Guessr" game for the UT campus. Players try to identify the location a picture was taken and stand in that spot, with correctness verified by GPS.

- Bankroll: play Blackjack and Baccarat against the computer.

- Wander: create, share, and play choose-your-own-adventure games.

- Bananagrams: adaptation of the tabletop game "Bananagrams".

- Flap Jack: maneuver a bird in the sky to collect falling seeds while avoiding obstacles.

Hobbies and Entertainment

- Motif: Audio and MIDI clip recorder and organizer with an AI "jam" mode.

- Origami Academy: Interactive Origami tutorial database.

- AroundSound: allows you to broadcast info about the music you're currently listening to on your phone so others with the app can see what's being played in their local vicinity.

- Explore Austin: an app that provides info on outdoor activities and scenic destinations around Austin. You can browse, "like", see ratings, and provide reviews. You can also schedule an "event" at a location with your friends within the app.

- FlickPicks: an app that keeps track of the TV and movies the user watches or wants to watch. It enables the user to rate what they've seen, and to follow friends to see their activity for inspiration.

- PlayDate: an app that collects live performance information from several venues in Austin. Enables the user to buy tickets (where possible) to events and manage them on the user's calendar.

- ShowRoulette: enable a user to specify a genre of TV show or movie to watch, and randomly make a recommendation based on what's available on a streaming service such as Netflix.

- Minigram: social networking application that allows miniature wargaming fans to manage their collections, and view the collections of friends.

- Connect: a chat interface built around relationships between relatives, friends, friends of friends, etc. A user can identify and establish a relationship with another person, enabling both people to make additional connections with other people.

- BookVibes: book recommendation program.

- Cinematch: movie recommendation program.

- BrackIT: manage tournament brackets.

- EasyLeague: customizable statistics management and tracker for basketball leagues.

- Remindeer: manage a calendar that notifies you when the next episode of your favorite TV shows is going to air.

- Kara Okay!: karaoke app. Manage a queue of songs on a device (submitted from other devices) and display song lyrics.

Utilities:

- HotShot: Dash Cam app. Records video continuously and deletes the oldest clip to save space. App will save speed and route data.

- Aisle Find It: help shoppers navigate grocery aisles.

- Codeforces Companion App: An app that serves as a hub for programming contests and problem sets.

- CandyBar: app to assist searching for movies across several streaming services. Aggregate recommendations and ratings.

- Cryptotrage: Identify arbitrage opportunities in cryptocurrency markets. Search for two markets that offer different prices so you can take advantage.

- Helping Hands: Create job listings and get help doing tasks. Sign up for projects. Job listings will only be viewable within a certain default radius (user-defined) to constrain to neighborhood.

- PrintAssist: Enable a user to live view a 3d printer and issue commands remotely.

- ezCard: Create, store, and exchange virtual business cards. Turn your data into a QR code, which can be read by another user running the app and added to their history / card list.

- CardGram: Create, store, and exchange virtual business cards. Focus on producing high-quality cards with fonts, colors, backgrounds, etc.

- 11foot8: Pull in a list of government representatives from local all the way the the President, based on current GPS location (or specified location on a map). Webcrawler obtains names of representatives, as well as address, phone number, Twitter, and Facebook.

- Designing on the Go: Wayfair-like app using ARKit to select furniture from a menu, place it in a room, and build a Cart for purchases.

- Ridar: collect data from Lime, Jump, and Bird to display locations/distances, charge status, and price, and then throw you into their app to make a reservation.

- Sandpolis for iOS: mobile remote administration utility. Sandpolis is a tool for managing remote computers in the cloud running Windows, MacOS, and Linux. This app enables the user to examine the status of any server being managed, execute predefined actions (such as shutdown and reboot), browse files remotely, and define macros.

- RateMyApartment: allows users to rate and review their apartment complex and provide a feedback on quality, rent, management, etc.

- Bacon: a financial management app that allows users to record their daily spending by scanning receipts using Open CV, or by entering data manually. It organizes spending into categories, such as "entertainment" or "groceries", and draws a pie chart.

- Identaxy: a mobile app to support one of the Astrophysics faculty in identifying galaxies. Photos and data appear as a "card", and users use a Tinder-like interface to vote on whether or not it appears to be a galaxy. The purpose was to help train the UT Astrophysics department's machine learning model.

- FlowChart: enables women to track their periods by recording timing and symptoms. It also serves as a one-stop shop to keep track of their health, display news articles relevant to women's health, and locate nearby women's clinics.

- Book It!: a reservation management system. Users can be classified as customers and businesses. From a business' perspective, post contact information, hours of operation, and

schedule of available reservations. From a customer's perspective, search for a registered business, retrieve contact info and hours, and make a reservation.

- Sync: a notification hub - one-stop app to see and respond to notifications from multiple social media platforms (Twitter, FB, etc.)

- Parkour: rent out or reserve a personally-owned parking space.

- Parkit: rent out or reserve a personally-owned parking space.

- beepboop: "social alarm clock": set and use shared alarms, so that all members of a group of people receive reminders and wake-up calls at the same time.

- Will It Recycle?: earn points for recycling, spend points to build an eco-friendly virtual world.

- Stock'd: inventory management for businesses.

- Passkeyp: password management tool.

- Plan 'M: plan daily events, including travel time.

- Squash: organize issues and bugs within group projects.

- Perfect Practice: utility for assisting with practicing music. Pitch checker, metronome, management of recordings of practice sessions.

- Chorigami: family chore management. Parents post chores that need to be done, with potential rewards for completion. Children volunteer for chores to earn rewards.

- ChoreCheck: household chore management that uses photos and notifications from peers to manage accountability.

- Fair Share: household expense management. Enter bills or other shared expenses made, split expenses across the group, and manage reimbursements.

- HairDone: match stylists specializing in hair services for black women (braids, extensions, straightening, etc.) with customers.

- Pocket Home: manage possessions in a shared apartment to make it easy to claim them and transfer the list to a new home when moving out.

- SipSafe: a place to log alcohol consumption so a user can estimate blood alcohol level. Contains links to Uber/Lyft, and a calendar for tracking drinking history.

- Tipple: a place for group members to log alcohol consumption, keep tabs on each other, and vote when it's time to go home.

- avail.me: group meeting scheduler.

- MeetApp: arrange a meeting place and time for a group of users, focused on location and travel time for each participant.

- Role Call: audition management tool for both actors and casting directors.

- Reverbify: download songs from YouTube and process them with reverb, bass boost, and pitch changes.

- Apollo: "Tinder for news". Have news articles appear automatically in your feed. Select articles you like or don't like using a Tinder-like interface to curate future articles.

- Wardrobe Wizard: photograph clothes in your closet to help you create an outfit on your screen based on color and occasion. Merge closets with roommates for sharing clothes.

- Sweet Dreams: dream journal. Log dreams every night. Uses ChatGPT to analyze your dreams.

- Alarming Visuals: an alarm clock that forces users to get out of their bed by making them take a picture of an object in their home to turn off the alarm.

- TimeFrame: turn a series of photos/selfies into a time-lapse video to post and share.

- SublEasy: connect people subletting their homes with potential renters.

- GTG (Go Touch Grass): remind user to take regularly scheduled and timed breaks during marathon study or work sessions.

- CalPal: group meeting scheduler based on availability of group members.

- Choreograph: help dancers and choreographers create formations and transitions in a dance routine.

- iCycle: track turning in recyclable materials to recycling centers to earn points towards making a virtual polar bear happy.

- ReceiptRoundup: scan receipts to track spending against budgets assigned to specific categories.

- Swiftly: app to help a user learn Swift by presenting simple lessons and quiz questions, and tracking the user's progress.