



Team C++

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BuddyBites

An Event Management Mobile App

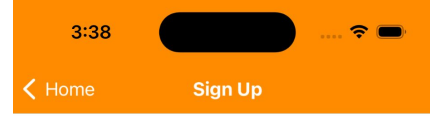


Features

- User Registration
- Authentication
- Event Management
- Interactive Map
- Recipe Discovery

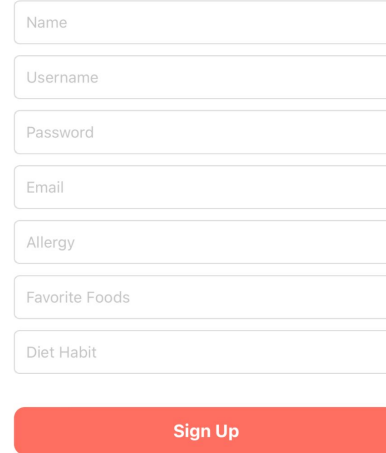
Features

- **User Registration**
 - **Name**
 - **Username**
 - **Password**
 - **Email**
 - **Diet Habits**
 - **Favorite Foods**
 - **Allergies**

A mobile app header bar with an orange background. On the left, there is a back arrow icon followed by the text "Home". On the right, there is a "Sign Up" button. Above the bar, the status bar shows the time "3:38", a black pill-shaped notch, and icons for cellular signal, Wi-Fi, and battery.

3:38

< Home Sign Up

A user registration form with a light gray background. It consists of seven text input fields stacked vertically, each with a placeholder label: "Name", "Username", "Password", "Email", "Allergy", "Favorite Foods", and "Diet Habit". Below the input fields is a red button with the text "Sign Up".

Name

Username

Password

Email

Allergy

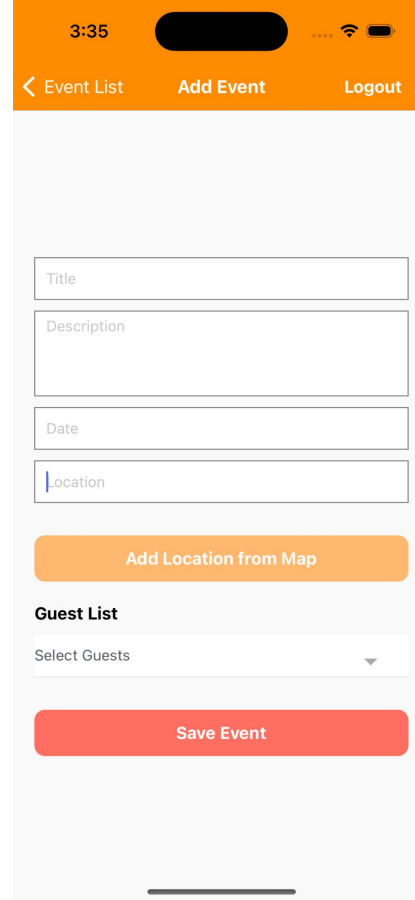
Favorite Foods

Diet Habit

Sign Up

Features

- **Event**
 - Title
 - Description
 - Date
 - Location
 - Guest List
 - Invitations
 - Individual
 - Community



The image shows a mobile application interface for adding an event. At the top, there is an orange header bar with the time 3:35, a black pill-shaped button, and status icons for signal and battery. Below the header, there is a navigation bar with three options: '< Event List', 'Add Event', and 'Logout'. The main content area is light gray and contains a form with four input fields: 'Title', 'Description', 'Date', and 'Location'. Below the 'Location' field is an orange button labeled 'Add Location from Map'. Underneath this is a section titled 'Guest List' with a dropdown menu labeled 'Select Guests'. At the bottom of the form is a large red button labeled 'Save Event'.

3:35

< Event List Add Event Logout

Title

Description

Date

Location

Add Location from Map

Guest List

Select Guests

Save Event

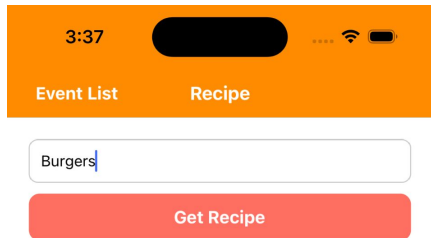
Features

- Interactive Map



Features

- Recipe Discovery
 - Ingredients
 - Recipe Type



Turkey Burgers

1. Mix all ingredients in a large bowl. Don't overwork it - just combine enough to have it well mixed.
2. Form 4-6 round patties. Cook on med-high heat until done. If unsure, insert a thermometer - 165 F is the temp. you are aiming for.
3. For roasted red pepper rings, seed and slice red pepper, spritz with olive oil and bake at 425 for 20 minutes.

Turkey Burgers might be a good recipe to expand your main course collection. This recipe serves 4. Watching your figure? This dairy free recipe has **199 calories, 30g of protein, and 4g of fat** per serving. For **\$2.43 per serving**, this recipe **covers 23%** of your daily requirements of vitamins and minerals. 13 people have made this recipe and would make it again. This recipe from Foodista requires extra ground turkey, egg, zucchini, and paprika. From preparation to the plate, this recipe takes around **45 minutes**. It is a **reasonably priced** recipe for fans of American food. All things considered, we decided this recipe **deserves a spoonacular score of 81%**. This score is great. If you like this recipe, you might also like recipes such as [Best Turkey Burgers](#), [Turkey Burgers](#), and [Turkey Burgers](#).



Features - Could not implement

- **Community**
 - Name
 - Description
 - Members List
 - Invitations



Features - Could not implement

- **Event Reminders**
 - Push Notification

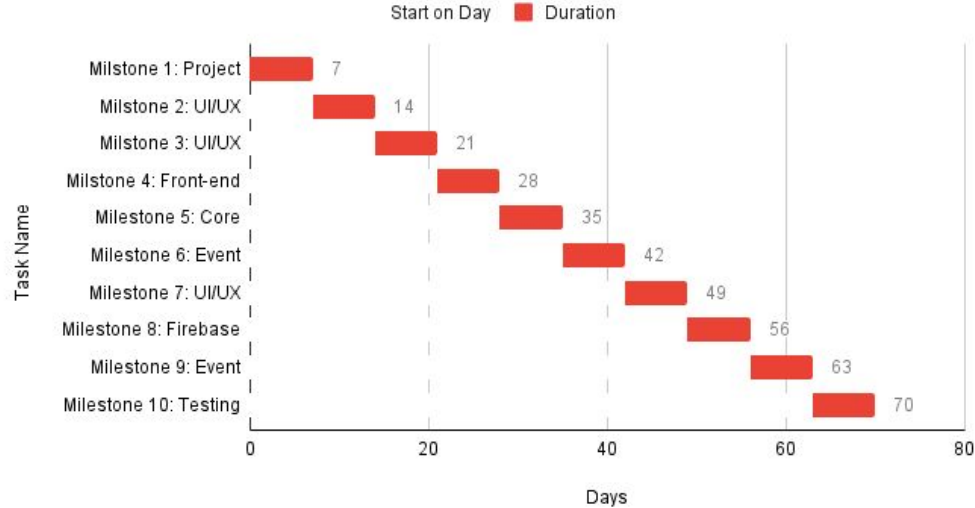


Data Privacy

- Dietary preference and allergy information is anonymous.

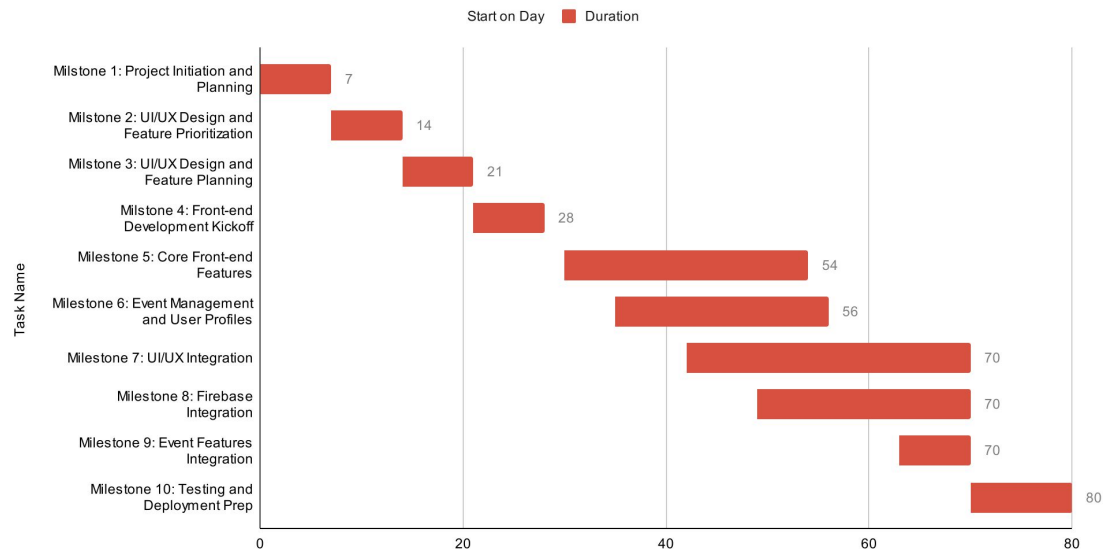
Project Timeline - Gantt Chart - Midterm

BuddyBites Project Timeline Gantt Chart



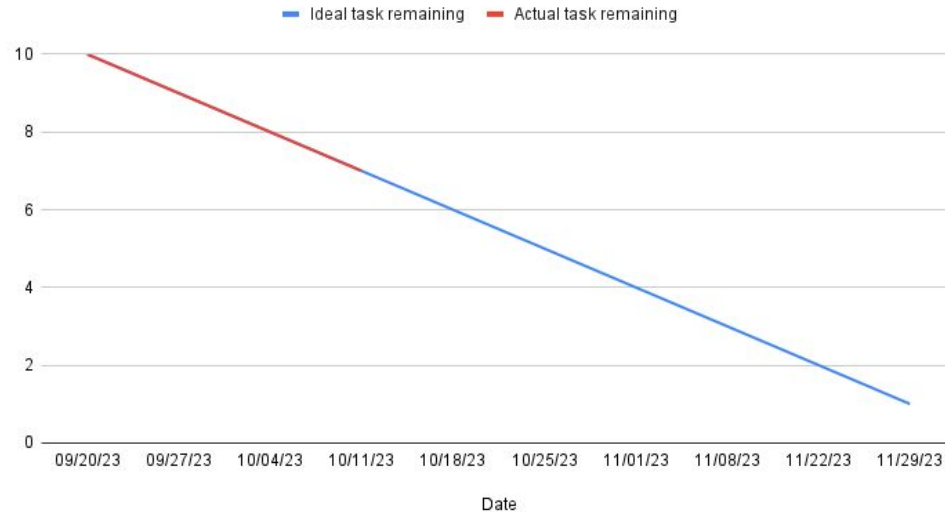
Project Timeline - Gantt Chart - Final

BuddyBites Project Timeline Gantt Chart



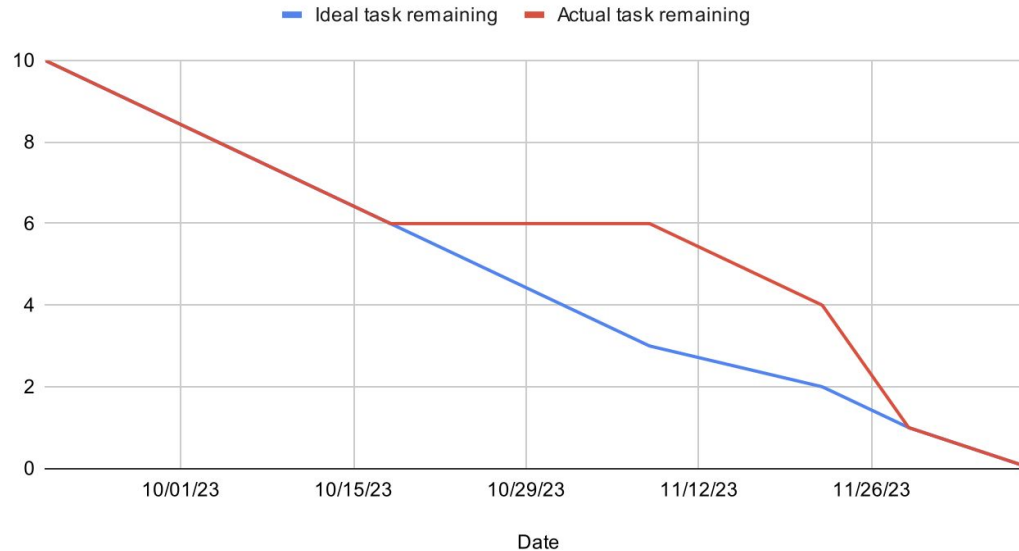
Project Timeline - Burn-down Chart - Midterm

BuddyBites Project Timeline Burn-down Chart



Project Timeline - Burn-down Chart - Final

BuddyBites Project Timeline Burn-down Chart





Tech Stack

- **Version Control**
 - Github
- **Frontend Development Framework**
 - React Native
- **Backend Development & Database**
 - Firebase
- **Package Manger**
 - Yarn
- **Deployment**
 - Expo



Prerequisites

- Node.js
- Yarn
- React Native
- Firebase
- Expo



Firebase

- Realtime Database



Map

- Google Maps Api Key



Food

- Spoonacular Api Key



Run Instructions

- `git clone https://github.com/anikgvsu/GVSU-CIS641-TeamCpp.git`
- `cd src`
- `yarn install`
- `expo start`
- Select the emulator



Demo



Thank You



Any Questions?