**2-3 Milestone: Goals and Users**

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**Mobile2App Project Selection: Weight Tracking App**

**Project Goals**

The selected project for development is the **Weight Tracking App**. The Weight Tracking App will allow users to manage and track their daily weight progress toward reaching their goal weight. Several key components will be included in the app to accomplish this goal.

**Database Structure:** The app will have a structured database consisting of three essential tables. One table will record daily weight entries, another will manage user logins and passwords, and the third will store the user's goal weight, which will remain constant and serve as a target for users.

**Login and Registration:** It will feature a user-friendly login screen that allows existing users to access their accounts effortlessly. A registration screen will also be provided for new users to create their profiles conveniently.

**Weight Tracking Grid:** The Weight Tracking App will incorporate a grid-based interface that displays all daily weight entries, complete with corresponding dates. This feature will enable users to easily visualize their weight progress over time, providing valuable insights into their journey.

**Weight Entry Mechanism:** A straightforward weight entry mechanism will be integrated, encouraging users to input their daily weight easily. The user-friendly data entry process promotes regular tracking, which is crucial for weight management.

**Goal Weight Setting:** The app will offer a mechanism for users to set their goal weight, motivating them to work towards achieving this target. The app will also diligently track their progress toward this goal, providing continuous motivation and a sense of accomplishment.

**Goal Achievement Notification:** Users will be notified when they reach their weight goals. These notifications will serve as positive reinforcement and acknowledgment of their weight management accomplishments.

**Comparison with Similar Apps**

A comparison of the Weight Tracking App with MyFitnessPal and Libra: Weight Manager is essential to gain insights into how to meet goals effectively.

**MyFitnessPal:** MyFitnessPal primarily focuses on diet and exercise tracking but also includes a weight-tracking feature. It offers a comprehensive food and exercise diary, allows weight tracking, and provides motivation through a community. MyFitnessPal attracts users looking for a holistic approach to health and fitness management.

**Libra: Weight Manager:** The Libra app is a weight tracking and analysis app for Android devices specializing in weight trend analysis, future predictions of weight trends, and comprehensive data visualization tools. With Libra, you'll be able to track your weight with advanced analytics, offering a powerful solution for those who need in-depth insight into their weight management journey.

By comparing these apps, we can draw inspiration for features and design elements that enhance the Weight Tracking App's user experience and effectiveness.

**Potential Users**

The Weight Tracking App caters to diverse users, each with distinct needs and goals.

**Weight Loss Enthusiasts:** Users devoted to losing weight require a tool that tracks their daily progress. They choose the app because of its simple and focused approach to tracking weight, helping them stay committed to their weight loss journey. The app seamlessly integrates into their daily routine, making it a valuable companion.

**Fitness Enthusiasts:** Users engaged in regular fitness routines use the app to monitor their weight and exercise regimen. They need a tool to complement their fitness goals and provide data to adjust their workouts effectively. The app is accessed regularly to maintain fitness progress and optimize their routines.

**Health-Conscious Individuals:** Individuals concerned about their overall health and aiming to maintain a stable weight find value in the app. It promotes a healthy lifestyle by monitoring weight changes, making it an essential component of their daily health management routine. The Weight Tracking App fits seamlessly into their lifestyle and helps them achieve their health goals effectively. The Weight Tracking App aims to serve these distinct user types by offering a convenient and effective solution for monitoring weight and attaining personal goals tailored to the specific needs of each user category and weight, which will remain constant and serve as a target for users.