

# CS5500 Project-Draft Version



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Team Name	WULI Ikun
Team members	Zhangjin Pan Xingjian Qian Jiayang Liu Yixing Shen
MVP	Sep 21, 2023
Link	

## Project Specs

Goals of the project	Forming group and making the direction of the project
Project Specifications	<ul style="list-style-type: none"><li>☑ <b>Idea prioritization</b>- visualize and align on which ideas you should pursue first.</li><li>• <b>Project Description:</b><p>Our fitness app aims to provide users with an all-in-one fitness experience. Users can track their workout progress, watch demonstration videos, chat with friends, post fitness achievement photos, and manage their personal profiles within the app.</p></li><li>• <b>Product Roadmap:</b><ul style="list-style-type: none"><li>◦ Must-Have (Required for MVP):<ul style="list-style-type: none"><li>▪ User registration and login</li><li>▪ Workout logging and photo upload.</li><li>▪ Chat functionality</li><li>▪ Fitness achievement posting</li></ul></li><li>◦ Should-Have (Ideal Features, to Add After MVP Stage):<ul style="list-style-type: none"><li>▪ Social sharing capabilities</li><li>▪ Fitness challenges and achievements system</li><li>▪ Real-time workout data tracking</li></ul></li><li>◦ Nice-to-Have (Only If MVP Is Completed and Resources Allow):<ul style="list-style-type: none"><li>▪ Fitness tutorials</li><li>▪ Fitness course subscriptions</li><li>▪ Smart fitness recommendations</li></ul></li></ul></li><li>• <b>Timeline:</b><ul style="list-style-type: none"><li>◦ Project Kickoff: End of September</li><li>◦ MVP Completion: End of October</li></ul></li></ul>

	<ul style="list-style-type: none"> <li>◦ App Release: Beginning of December</li> </ul>
Team Roles	<ul style="list-style-type: none"> <li>• Zhangjin Pan: <ul style="list-style-type: none"> <li>◦ Front-end development</li> <li>◦ User authentication and input validation</li> <li>◦ Database integration</li> <li>◦ UI design</li> </ul> </li> <li>• Yixing Shen: <ul style="list-style-type: none"> <li>◦ Fitness feature development</li> <li>◦ Workout logging and photo upload</li> <li>◦ Workout focus feature</li> <li>◦ Android device testing</li> </ul> </li> <li>• Xingjian Qian: <ul style="list-style-type: none"> <li>◦ Chat feature development</li> <li>◦ Messaging system implementation</li> <li>◦ User interaction</li> <li>◦ User interface enhancements</li> </ul> </li> <li>• Jiayang Liu: <ul style="list-style-type: none"> <li>◦ Posting feature development</li> <li>◦ Fitness achievement image upload and sharing</li> <li>◦ User feedback and improvements</li> <li>◦ Performance optimization</li> </ul> </li> </ul>

## Research

### 1. Highlights of Fitness App Research:

**Market Gap Identification:** Our extensive market research revealed a noticeable void for a comprehensive fitness application. While many apps focus on individual aspects of fitness, few seamlessly integrate progress tracking with social sharing capabilities.

**User-centric Approach:** The demand for an app that tracks workout progress and also encourages sharing fitness milestones with friends was clear, reinforcing our decision to bridge this gap with our unique offering.

**Integration of Social and Fitness:** Building on this need, our vision is not just to offer another fitness tracker but to provide a platform where users can engage, motivate, and celebrate achievements collectively.

**Inspired Design:** Our app's visuals are meticulously curated for motivation. Beyond just aesthetics, the integration of the Lakers' iconic purple and gold pays homage to Kobe Bryant's Mamba Mentality, deepening the app's emotional resonance with users.

### 2. Most Important Feature: Social Interactions & Friendships

Our vision is to craft an application that goes beyond traditional fitness guidance. While users can access a plethora of fitness knowledge, our standout feature is the emphasis on social interactions. This app is not just about individual growth but about fostering a community of fitness enthusiasts. Here's a deep dive into the unique social functionalities we're introducing:

**Progress Sharing:** Allows users to share milestones, photos, or stats with friends or to a broader community. Celebrating achievements with others can be highly motivating and fulfilling.

**Peer Motivation:** Seeing friends achieving their goals, updating their workouts, or sharing tips can be a motivational factor for users to stay on track.

**Direct Communication:** Incorporating chat or message features can enable users to communicate directly, share advice, coordinate workouts, or simply socialize.

## Brainstorm agenda

Item	Time
Research	40 minutes
Define the project	30 minutes
Timeline and roles	30 minutes

## Brainstorm outcomes

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### Summary of results

1. **Comprehensive Fitness Solution:** Our fitness app offers a comprehensive solution for users, allowing them to seamlessly record their workout progress, share achievements, and engage in fitness-related activities.
2. **User-Friendly Registration and Login:** The front page of the app provides a user-friendly registration and login process, ensuring a smooth onboarding experience for users.
3. **Inspired UI Design:** Our app's UI design is inspired by Kobe Bryant's iconic purple and gold color scheme, providing an attractive and visually appealing interface.
4. **Effective User Authentication:** The app effectively validates user input, including unique email addresses and password length, enhancing both security and user experience.
5. **Training Focus Feature:** The Training Focus feature helps users concentrate on their workouts by providing a timing mechanism and distance tracking.
6. **Interactive Chat:** Users can easily connect with friends through the chat feature, fostering a sense of community and motivation.
7. **Fitness Achievement Sharing:** The app allows users to post their fitness achievements and progress photos, inspiring others and promoting a supportive fitness community.
8. **Roadmap for Growth:** We have a clear product roadmap in place, with plans to add ideal features like social sharing, fitness challenges, and real-time workout data tracking after reaching the MVP stage.
9. **Team Roles and Responsibilities:** The team roles are well-defined, with each member responsible for specific aspects of development, ensuring efficient progress.
10. **Timely Development:** The project timeline includes key milestones, such as MVP completion and app release, ensuring that we stay on track for a successful launch.