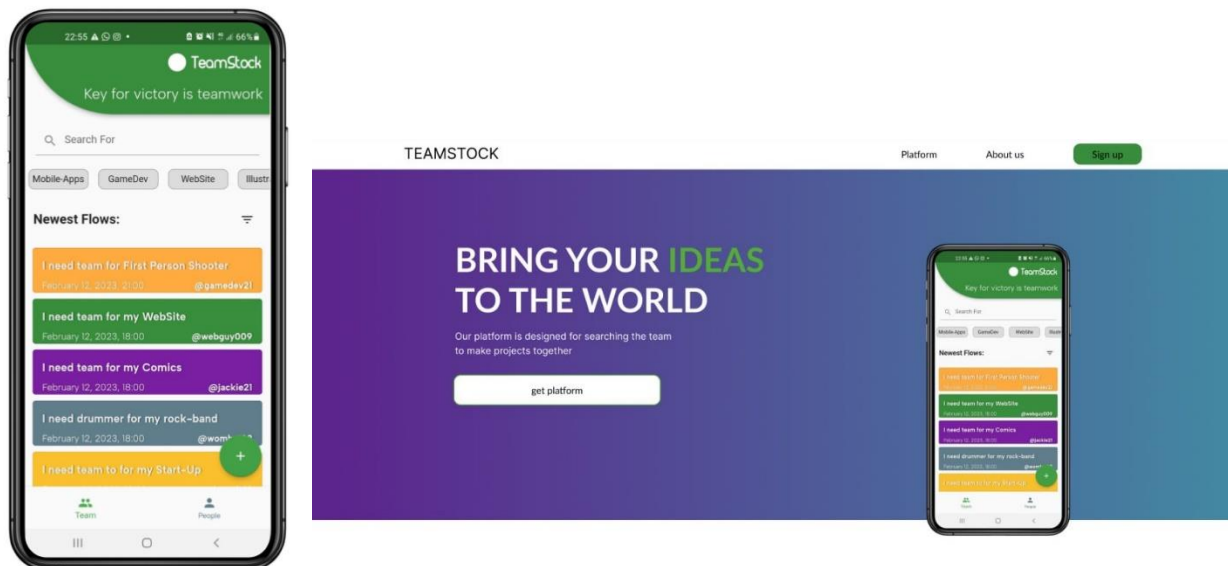Project Report: TeamStock Mobile Application and Landing Website

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Introduction

TeamStock is a mobile application and landing website that aims to connect individuals seeking to form teams for various purposes. It serves as a platform where users can search for team members based on their skills, interests, and location, facilitating collaboration and enabling the creation of effective teams. Whether it's for professional projects, sports teams, hobby groups, or volunteer initiatives, TeamStock provides a solution for finding the right teammates.

Project Purposes

- Develop a user-friendly mobile application that enables users to create profiles, search for team members, and connect with potential teammates.
- Design and develop a landing website that has information about TeamStock, showcasing its features and encouraging app downloads.
- Provide accurate and relevant team member suggestions based on user preferences.

Features

The TeamStock project includes the following key features:

- User Registration and Profiles: Users can create accounts, set up profiles, and provide information about their skills, interests, and location.
- Team Creation: Users can create teams and specify their purpose, requirements, and desired team members.
- Team Search: Users can search for teams based on various criteria such as skills, interests, and location. Advanced algorithms suggest potential team members based on user preferences.
- Communication: Team members can communicate through the application to discuss project details, set goals, and coordinate tasks.
- Landing Website: A website provides an overview of TeamStock, showcases its features, and encourages app downloads.

Development Process

The development process includes the following stages:

1. Define the project and design the basic mvp – 1 week
2. Frontend of mobile app – 2 months
3. Website – 1 month
4. Backend – 3 weeks

Technologies

Mobile Application:

Programming Languages: Flutter, Dart

Development Frameworks: Android Studio (Android)

Database: Firebase

Landing Website:

Frontend Development: HTML, CSS, JavaScript

Challenges

Throughout the development process, the project team faced challenges such as user engagement, search algorithms, and scalability. Strategies like gamification and notifications were implemented to encourage user participation, while iterative improvements were made to ensure accurate team member suggestions and scalability. Remember to incorporate appropriate images and infographics to make the report visually appealing and easier to understand.