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Expectations for Project Progress:

1. Project Setup: Make sure the GitHub repository is initialized with files and has a well-defined folder structure.
2. UI design: Wireframes and mockups are examples of the preliminary designs that should be in place for the user interface (UI) components.
3. Modeling: The fundamental entities and relationships in our application should be reflected in the definition of the data models and structures.
4. Implementation of Features: Every team member needs to have gotten to work on the features they were given, with their advancement being recorded in the repository.
5. User Interaction: A simple flow diagram showing how users will interact with the app and carry out important tasks should be created.
6. Testing: To guarantee the dependability of crucial components, we should have begun drafting unit tests for them even when comprehensive testing may still need to be finished.
7. Deployment and Maintenance: As we progress, we should consider the architecture's scalability and maintainability even though deployment may not be important.

Workflow and Tools Overview:

1. Planning: We talk about what the project needs, specify its features, and divide up the work according to each person's interests and strengths.
2. Development: Each member of the team follows the defined design and code standards while working independently on the features they have been allocated.
3. Integration: To assess development, settle disputes, and incorporate individual contributions into the main branch, frequent check-ins are planned.
4. Documentation: We record design choices, code justifications, and difficulties encountered in addition to the coding process.

5. Testing: To verify the accuracy and dependability of our codebase, unit tests are created and run.
6. Review: Peer reviews are carried out to offer input on the quality of the code, conformity to standards, and general project advancement.
7. Refinement: We iterate on features, modify code as necessary, and fix any flaws based on user feedback and testing findings.

GitHub Repository Link:

This4That GitHub Repository

Project Title:

This4That Marketplace

Background and Motivation:

The goal of This4That is to alleviate the difficulties that local communities encounter in obtaining necessities, particularly in times of emergency or restricted mobility. This4That supports small-scale entrepreneurship and fosters community resilience by giving local businesses and communities a platform to connect.

Summary:

This4That is a Swift marketplace software that helps with local commerce by letting users find local businesses, look at product listings, and make purchases. This4That enables customers to satisfy their daily necessities while supporting local businesses, all while emphasizing convenience and community engagement.

Features:

1. Nearby Store Discovery: Users may look up local stores using keywords, categories, or geography. The function gives pertinent information like opening hours and contact details and integrates a map to visualize store locations.
2. Product Listings and Reviews: Local companies can establish and maintain product listings that contain photographs, prices, and descriptions. To promote

openness and confidence in the community, users can peruse these listings, read other users' reviews, and add their comments.

3. Order management and checkout: After locating products they want to buy, customers can add them to their carts, check out, and choose their preferred methods of payment and delivery. This function makes purchasing easier and guarantees a smooth transaction for both buyers and sellers.

4. Community Engagement and Social Features: By allowing users to rate their favorite retailers, share their shopping experiences, and take part in local events and promotions, This4That promotes community involvement. This feature builds community relationships and increases user engagement.

5. Accessibility & Inclusivity: Users of all backgrounds and abilities can utilize This4That because it is made to be inclusive and accessible to all. To guarantee that every user has a great experience, we place a high priority on features like text-to-speech support, high contrast settings, and changeable font sizes.