Statement of Work

Project Title:

Campus Barter: A Point-Based Exchange System for Students

Team Members:

Deepesh Bhardwaj-SE21UCSE049

Gnan Reddy-SE21UCSE064

Rachana Vinjamur-SE21UCSE159

Sanskar Nagda-SE21UCSE191

Ramya Swarna-SE21UARI113

Jahnavi Gali-SE21UARI053

Aditya Bhardwaj-SE21UARI007

Rishith N V-SE21UCSE163

Project Overview

Vision:

- FOR students at educational institutions who are looking to borrow, lend, or exchange items like books, sports equipment, and ride shares without involving monetary transactions.
- **WHO** require a reliable, equitable, and easy-to-use platform to facilitate the sharing of goods and services, thereby promoting a sense of community and sustainability.
- The Campus Barter is a digital exchange platform.
- **THAT** offers a point-based system where users can lend and borrow items, earning and spending barter points without direct cash transactions. This system encourages a more sustainable and community-oriented approach to resource sharing.
- **UNLIKE** traditional buy/sell marketplaces or informal borrowing/lending practices that often lack structure, transparency, or incentives for participation,
- OUR PRODUCT introduces a unique ecosystem where every transaction is fueled by a barter point system, fostering a balanced exchange. It includes a monthly incentive for the most active participants, thereby encouraging continuous engagement and contribution to the community.

Key Features and Unique Selling Points:

- Point-Based Transaction System: Every item or service on the platform is assigned a specific point value. Users earn points by lending items or offering services and spend points when borrowing or availing services. This system ensures that exchanges are equitable and encourages active participation.
- 2. **Monthly Rewards System:** To foster a competitive yet collaborative environment, the user with the highest points at the end of each month receives their points doubled as a reward. This mechanic incentivizes consistent engagement and contributions to the community.
- 3. **User-Friendly Interface:** The platform boasts an intuitive interface designed to simplify the process of listing, searching, and transacting items or services. It includes features such as search filters, item categories, and a rating system for users and items, enhancing the overall user experience.
- 4. **Community Building and Sustainability:** Beyond just a transactional platform, Campus Barter aims to build a strong community of users who are invested in sustainable living and helping each other. It includes features like community forums, success stories, and tips for sustainable living, further differentiating it from mere buy/sell platforms.
- 5. **Security and Trust:** Implementing a robust verification process for users, a secure messaging system for communication, and a transparent rating system for both lenders and borrowers ensures that transactions are safe and trust is maintained within the community.
- 6. **Environmental Impact Tracking:** Users can view the environmental impact of their participation through a feature that tracks estimated savings in terms of money, carbon footprint, and waste reduction. This adds an additional layer of motivation by highlighting the positive environmental impact of their choices.

Conclusion:

Campus Barter aims to redefine how students interact with their resources, making it easier, more equitable, and more sustainable to share and access goods and services within their community. Through its innovative features and commitment to fostering a strong, engaged community, Campus Barter sets itself apart as a platform not just for transaction, but for transformation.