Statement of Work

Point-Based Sharing System

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**Prepared By: codeX crew**

**Team Members**

***Srikruth, SE22UARI054, Frontend***

**Nikita, SE22UARI112, Frontend  
Sanjay, SE22UARI006, Supervisor  
Abhiram, SE22UARI155, Backend   
Yashwanth, SE22UARI100, Database   
Harshitha, SE22UARI204, Quality Assurance**

***Project Overview  
  
INTRODUCTION:  
In educational institutions, students and teachers frequently need temporary access to books, sports equipment, and other vital resources. Traditional lending methods can be inefficient, often resulting in item loss, damage, and a lack of accountability. To tackle these issues, we present the Point-Based Sharing System, community-driven platform for resource exchange that encourages responsible borrowing and lending among students and teachers.  
  
FOR Students and Teachers, WHO seek a convenient and organized way to share and access resources like books, sports equipment, and transportation among peers, thereby reducing costs and fostering a culture of collaboration. The TradeFlow is a website for lending and loaning items through a Point-Based Sharing System. THAT allows users to borrow and share essential academic and recreational items through a structured point-based system, promoting fairness and accountability. UNLIKE platforms such as OLX and Facebook Marketplace, which mainly focus on buying and selling, Nextdoor encourages community sharing but lacks built-in tracking or a reputation system, making accountability less clear. OUR PRODUCT offers a transparent and secure exchange process, ensuring accountability through a digital tracking system and motivating responsible borrowing with a point-based mechanism.***

***Key Features / Unique Selling Points:***

***Point-Based System for Fair Exchange:***

***Users earn points by sharing their items and can spend those points to borrow items, creating a balanced and sustainable exchange ecosystem.***

***Digital Inventory & Tracking:***

***A centralised platform where users can list available items, monitor borrowed resources, and set return deadlines to avoid loss and mismanagement.***

***User Reputation & Reliability Score:***

***A rating system based on borrowing and lending history that encourages responsible sharing and builds trust within the community.***

***Automated Reminders & Penalty Mechanism:***

***Notifications for due dates and penalties for late returns ensure accountability, minimising conflicts and item* loss.**

***Benefits of Point-Based Sharing System:***

***Cost Savings: Decreases the need to purchase new resources by maximising the use of available items within the community.***

***Efficiency: Offers an organised method to access necessary items without relying on inefficient lending practices.***

***Trust & Accountability: Creates a structured borrowing system that rewards responsible usage and discourages misuse.***

**Enhanced Community Engagement: Promotes collaboration and sharing among students and teachers, fostering a culture of mutual assistance.**