# StudySwap

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(NBA and NAAC accredited, ISO 9001:2015 certified)

# INTRODUCTION

**StudySwap:** Exchange, Donate,Or Sell Educational Resources With Fellow Students.

## Problem Statement:

- Students often struggle to find and afford essential educational tools such as textbooks, lab equipment and calculators, which can block their learning potential and academic success.

## User Group:

- Students in need of affordable and accessible educational tools
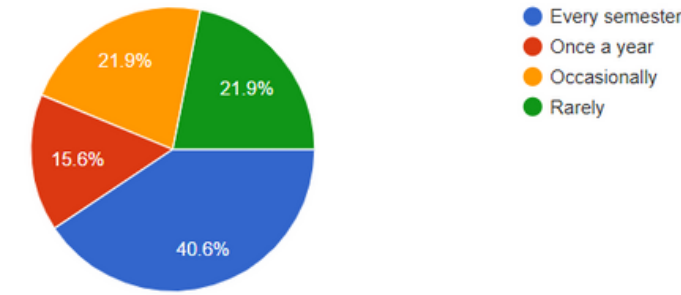
## Description :

- Develop an app or website modeled after platforms like OLX, specifically designed for the exchange of educational tools among students.
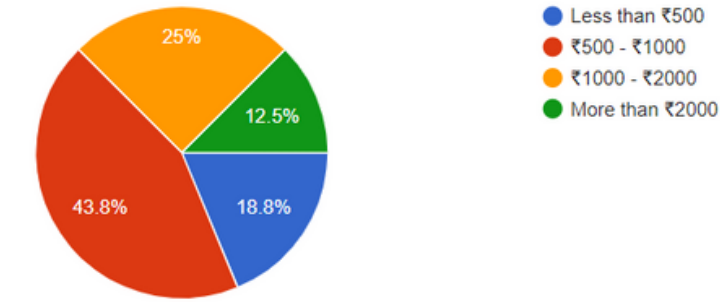
# Literature Survey

- From The Survey We Get To Know That 40.6% Students Buy The Educational Tools Every Semester.

- So Instead Of Buying every Semester They Can Rent It For The Particular Time Period.

- 21.9% Are Intrested In The Renting The Educational Tools For the Particular Time Period.

- 62.5% Student Are Intrested In The renting Or Exchanging The Educational Tools Rather Than Buying New One.

- 37.5% Students Are Prefer That The Tools Should Deliver To Their Place.

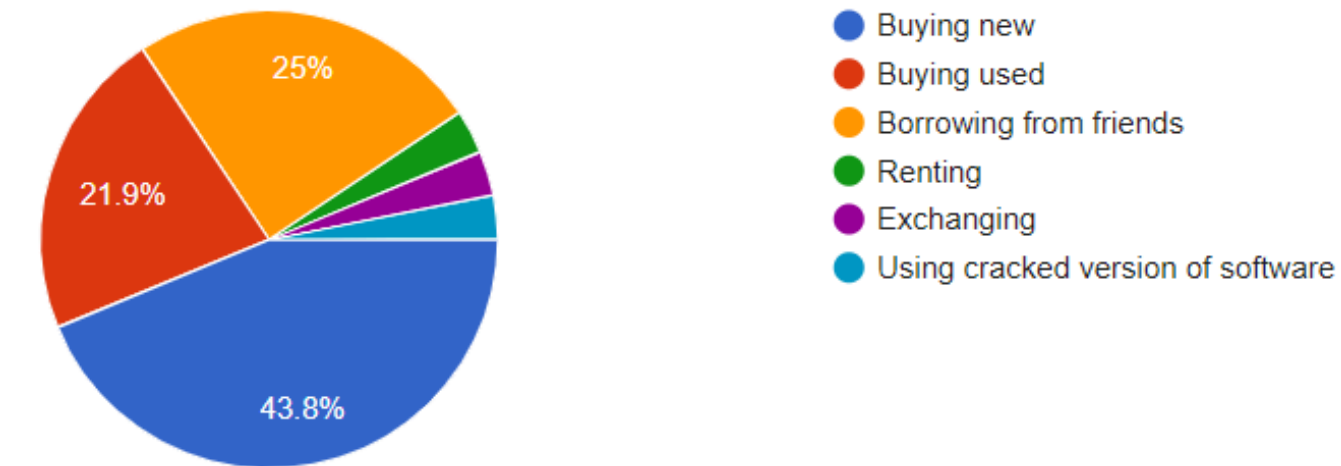- 21.9% Students Prefer That There Should Be Local Meeting Locations For the Exchanging And Renting Tools.

How often do you need to purchase new educational tools?
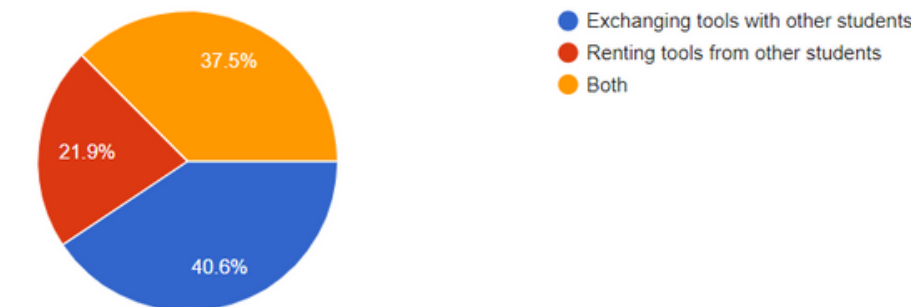
32 responses

- Every semester — 40.6%
- Once a year — 15.6%
- Occasionally — 21.9%
- Rarely — 21.9%

How much do you typically spend on educational tools each semester?

32 responses

- Less than ₹500 — 18.8%
- ₹500 - ₹1000 — 43.8%
- ₹1000 - ₹2000 — 25%
- More than ₹2000 — 12.5%

What is your preferred method of acquiring educational tools?

32 responses

- Buying new — 43.8%
- Buying used — 21.9%
- Borrowing from friends — 25%
- Renting
- Exchanging
- Using cracked version of software

If interested, which option would you prefer?

32 responses

- Exchanging tools with other students — 40.6%
- Renting tools from other students — 21.9%
- Both — 37.5%

Would you prefer the platform to have a delivery option or only local meet-ups?

32 responses

- Delivery option — 40.6%
- Local meet-ups — 21.9%
- Both — 37.5%

# Objective

StudySwap is a platform designed to facilitate the exchange, sale, and donation of educational tools among students. The goal is to help students access affordable and necessary educational resources like textbooks, lab equipment, software licenses, and calculators, thereby reducing financial strain and promoting a collaborative educational environment.

Key Features:
1. User Profiles:
   - Student Profiles: Users create profiles with their academic information, including the institutions they attend, their field of study, and their year of study. This helps in matching them with relevant resources and offers.
   - Verification: Students must verify their academic status using student ID cards or institutional emails to ensure the community remains dedicated to educational exchanges.

2. Resource Listings:
   - Categories: Users can list items in various categories like Textbooks, Lab Equipment, Software, Calculators, and Stationery.
   - Condition & Description: Each listing includes a detailed description, condition of the item, price (if applicable), and photos. Users can also specify if they are looking to exchange or donate items.
   - Filters & Search: Advanced search and filtering options help users find specific items quickly.

3. Exchange & Transaction Options:
   - Direct Swap: Users can propose exchanges where they offer an item in return for another.
   - Buy/Sell: Users can set prices for items and manage transactions directly through the platform.
   - Donation: Users can donate items to others in need or to verified educational organizations.

4. Messaging System:
   - In-App Messaging: Users can communicate directly through a secure messaging system to negotiate terms, ask questions, and arrange exchanges or sales.
   - Notifications: Notifications alert users about new messages, offers, and transactions.

# Objective

5. Review & Rating System:
   - User Ratings: After transactions, users can rate each other and leave feedback to build a trustworthy community.
   - Verification Badges: Users with high ratings and verified academic status receive badges that build credibility.

6. Resource Management:
   - Wishlist: Users can create and share wishlists for items they need, allowing others to fulfill these needs if they have relevant items available.
   - Inventory Tracking: Users can track their listed items, manage their exchanges, and update item statuses.

7. Educational Community Integration:
   - Institutional Partnerships: Partner with educational institutions to promote the platform and ensure users have access to a reliable network.
   - Campus Groups: Create groups or forums for students within specific campuses or programs to facilitate local exchanges.

8. Support & Safety:
   - Moderation: Implement a moderation system to handle disputes and ensure the quality of listings.
   - Help Center: Provide a comprehensive help center with FAQs, tips on using the platform, and contact options for support.

9. Mobile & Web Accessibility:
   - Responsive Design: Ensure the platform is accessible and functional on both mobile devices and desktop computers.
   - Mobile App: Develop a mobile app with offline access to listings and messaging for convenience.

10. Data Privacy & Security:
   - Secure Transactions: Use encryption and secure payment gateways for transactions.
   - Privacy Controls: Allow users to control their visibility and manage their personal information.

# Diagram