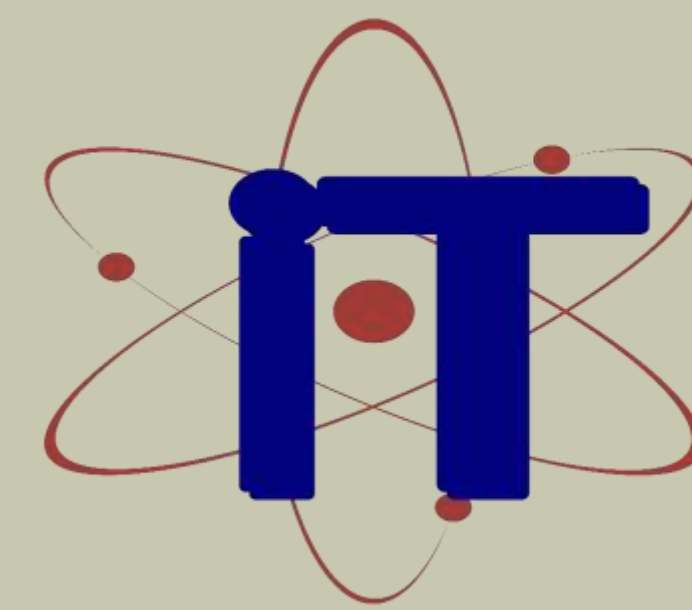


# DealOye: An online platform for buying and selling study materials using web development technologies

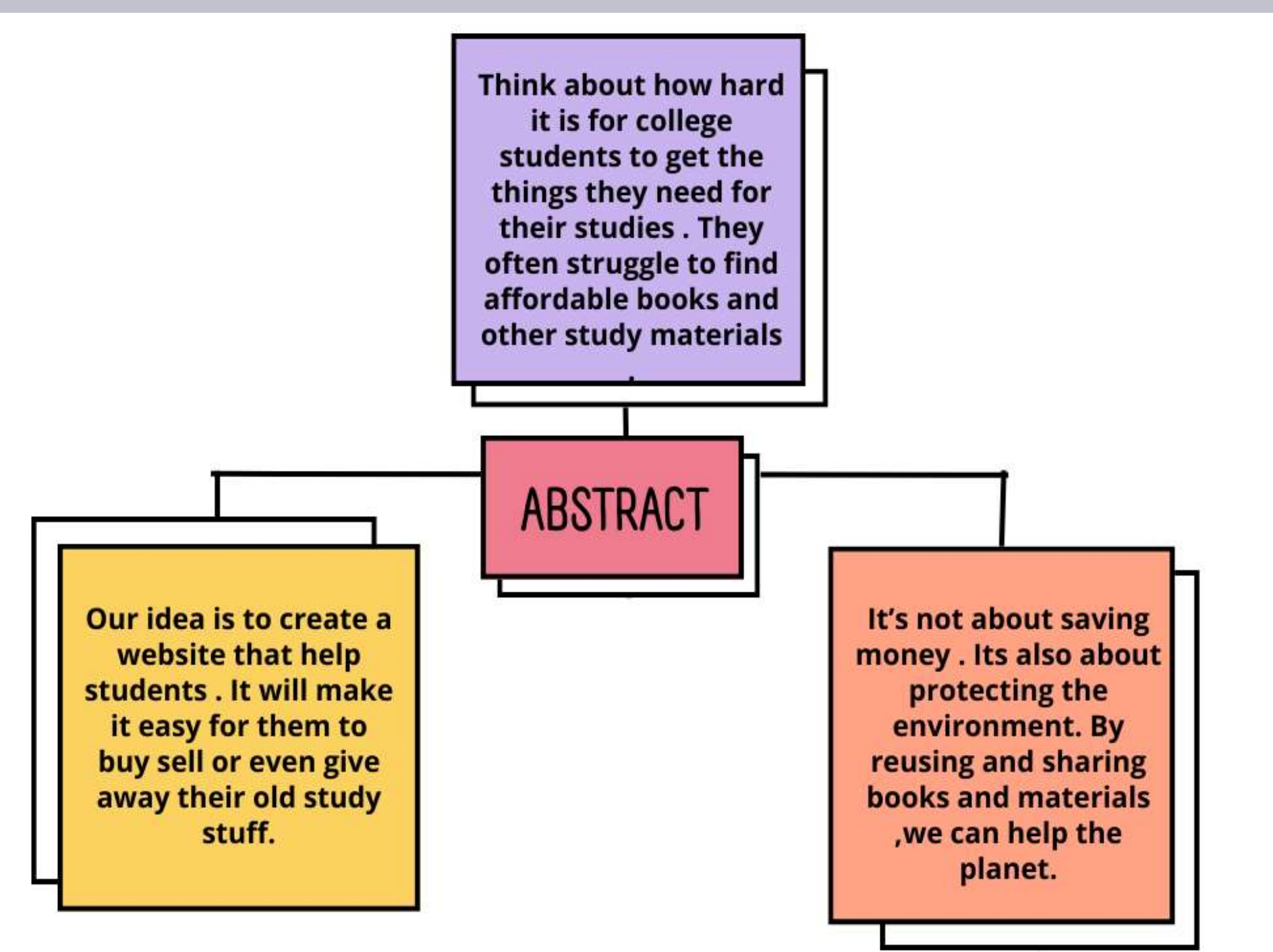


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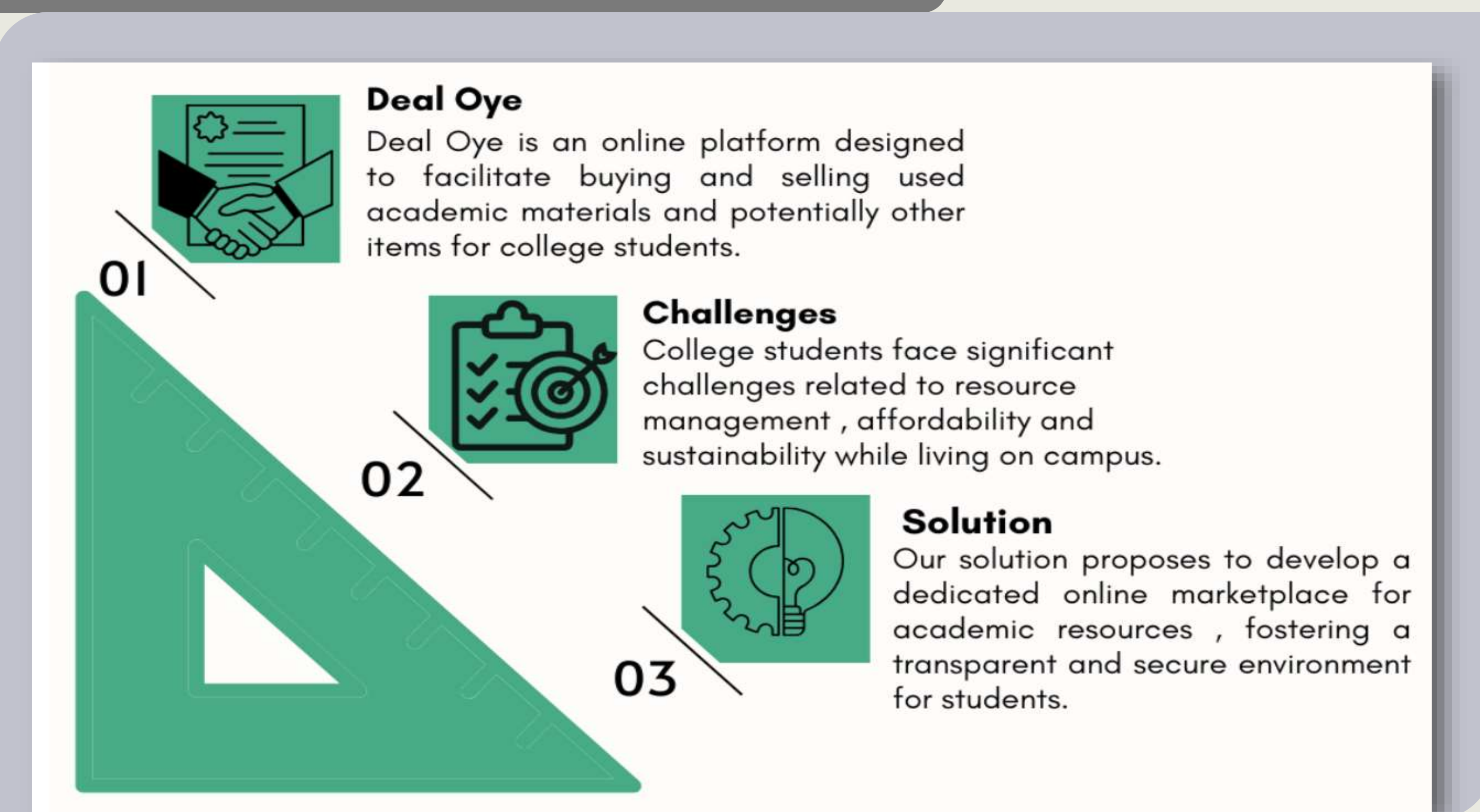


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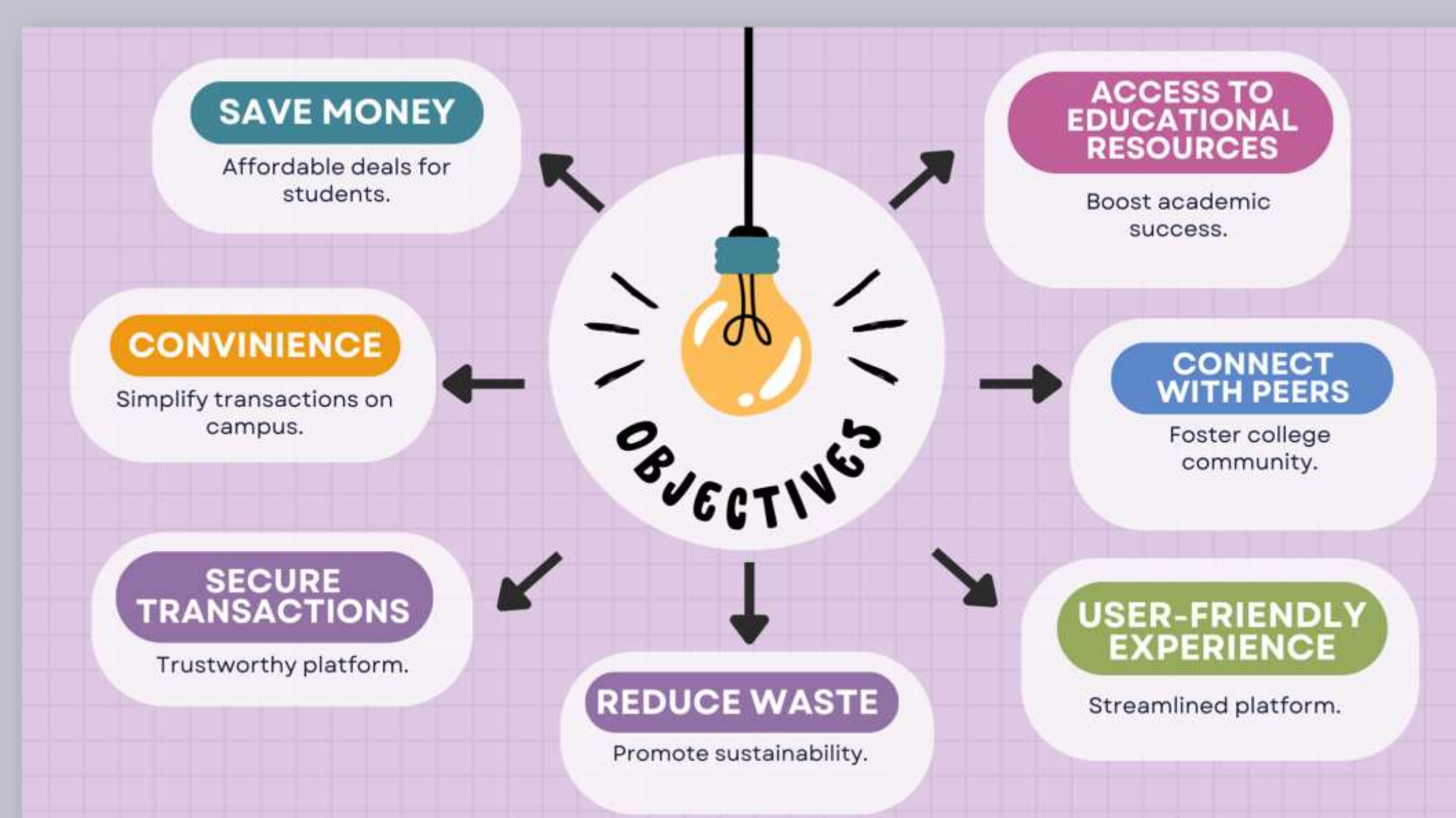
## Abstract



## Introduction



## Objectives



## Methodology

- **User Authentication:**
  - Implemented a login/signup system with OTP verification to ensure secure access.
- **Product Listings:**
  - Created a feature to display featured products on the homepage for easy browsing.
- **Search Functionality:**
  - Users can search for specific products, enhancing user experience.
- **Buy Section:**
  - Listed items available for purchase from other students, with "Wishlist" and "Contact" buttons for easy engagement.
- **Sell Section:**
  - Sellers can manage their listings, mark availability, and remove items directly.
- **Requirements Section:**
  - Users can post their product requirements and view others' needs along with contact details.
- **Dashboard:**
  - Displays a summary of user-specific actions—wishlist, items for sale, and posted requirements.
- **Tech Stack:**
  - Built using HTML, CSS, JavaScript, Node.js, Express.js, MongoDB, and API integration for seamless functionality.

## Results

- **Enhanced College Community Interaction:**
  - Facilitates interaction between senior and junior students.
  - Fosters mentorship, knowledge sharing, and community within the college.
- **Environmental Impact:**
  - Promotes reuse and recycling, reducing campus waste.
- **Cost Savings:**
  - Helps students find affordable used items.
  - Particularly beneficial for freshmen and international students on tight budgets.
- **Skill Development:**
  - Sellers gain experience in entrepreneurship, marketing, and customer service.
  - Enhances personal and professional development.
- **Revenue Generation:**
  - Potential for revenue through advertising, premium features, or transaction fees as the platform grows.

## Conclusion

- **Peer-to-Peer Commerce:**
  - Facilitates direct transactions among college students.
  - Creates a platform for buying and selling within the campus community.
- **Connecting Generations:**
  - Bridges the gap between senior and junior students.
  - Promotes interaction and knowledge sharing to enhance the college experience.
- **Empowering Student Economy:**
  - Empowers students to develop entrepreneurial skills.
  - Offers valuable experience in marketing, negotiation, and e-commerce for future careers.

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