

Team 32: Neha Rajamani, Isha Singhal, Puja Teakulapalli, Vinathi Muthyala

Problem Statement:

Students at Purdue University currently face challenges in efficiently buying and selling commonly needed items within the large campus network. The lack of a dedicated platform that focuses on these issues has resulted in an unorganized system where students find themselves having to navigate through a myriad of different channels. Introducing a specialized website for students in West Lafayette can tailor these transactions, creating a consolidated space where students can easily find what they are looking for.

Project Objectives:

- Consolidate all commonly sold and purchased items in one place to facilitate smooth buying and selling for students in West Lafayette.
- Foster an environment where communication is easy and convenient.
- Ensure that all prices and availability of listed products are up to date.
- Create a secure platform with Purdue student authentication via email address.
- Enable seamless product search and discovery.

Stakeholders:

Team Roles

- Scrum Master: Vinathi Muthyala
- Project Owner: Isha Singhal
- Development Team: Vinathi Muthyala, Isha Singhal, Neha Rajamani, Puja Teakulapalli
- End-Users: Individuals interested in making money off items they no longer have use for, purchasing items in “good condition” rather than new to save money, etc.

Deliverables:

- A platform where students can sell items they no longer need on campus and purchase anything they need.
- Easy access to seller contact information (email address/phone number).
- Ability to register and sign into a multi-functional account (can act as buyer and/or seller).
- An intuitive user interface that allows users to filter products based on categories (i.e. furniture, textbooks, tickets, etc.).
- Platforms/frameworks we intend to use:
 - Hosting and database through Firebase
 - Front-end: React
 - Back-end: Python, Django