**ABSTRACT**

T-Mart will be a web application that allows college students to connect with other students, and easily exchange items. By keeping the listings, and buying and selling process online, T-Mart will have the convenience of any E-Commerce website, but make the exchange of the item, at a local spot on campus. This will take out the middleman in shipping and allow for faster access to the item. Moreover, everything will be categorized based on their description and buyers will be able to see images for the product, as well as an asking price. In order to make the experience unique and confidential, both parties, the buyers and the sellers, will have unique “portals” which will allow for personalized user interactions as well displaying information. Finally, in order to make the experience more realistic, the website will be able to validate and accept credit card information to process the transaction. T-Mart will incorporate various software technologies including Ruby on Rails, Bootstrap, a database such as SQL, and credit card verification API’s such as Stripe.

**TECHNOLOGIES**

- Ruby on Rails
- Dropbox & Stripe API
- Heroku Server
- SQLite Database

**FEATURES**

- Trinity E-mail Validation for Sign-Up
- Unique Buyer & Seller Pages
- Credit Card Validation
- Transaction Processing
- Security Encryption