



# Project CSCI 5448 : #ShareMyStuff

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## Overview

This project aims at developing a web application that provides an online platform(#ShareMyStuff) for sharing and trading of data, art, knowledge and inventory. Here users can upload and share their electronic docs/notes/research findings & papers/inventory with other users within the platform.

## Specifications

1. #ShareMyStuff provides a platform to amateur artists and cartoonists on campus to share or showcase their artistic pursuits and the comics that they have written or worked on.
2. #ShareMyStuff provides a platform to students to share/trade class notes, study materials, solutions, research findings, course related equipments/inventory and knowledge among other fellow students or juniors with in the platform


The application has a hierarchy from Admin/Superuser who will have total control of the application, Users who can share/trade their stuff through their account and logistics user login for the logistic companies incase if there is shipping involved in trade.

## Roles Involved

1. Admin
2. Customer/User
3. Logistics User
4. Guest User

## Functionality Involved

1. Admin (superuser)
  - a. Login
  - b. View User's Stuff
  - c. View User's Transactions
2. User(Customer)
  - a. User can Sign Up
  - b. User Can Login
  - c. Upload stuff to share or trade
  - d. View others stuff

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- e. Buy/trade stuff
  - 3. Logistics(3rd party user)
    - a. Login
    - b. View all pending logistic transactions
    - c. Accept the transaction
    - d. Update confirmation of the delivery
  - 4. Guest
    - a. Can window shop limited stuff

## Goals

1. To design and develop the(#ShareMyStuff) web application using best coding standards and practices in JAVA.
2. Save students from academic hassles and help them trade/share their stuff..
3. Save budding artists by providing them a platform to showcase their art.
4. Deploy the web application and extend it to mobile platforms(future scope).