

# CS 3380 FINAL GROUP PROJECT

## SPRING 2016

### Group

Alyssa Nielsen  
Jakob Daugherty  
Michael McLaughlin  
Hunter Ginter  
Zach Dolan  
Kevin Free

CS 3380 Final Group Project

### Client: Mizzou Student Unions

Client needs  
The purpose of this project is to  
develop a system that will allow the  
unions to manage their data and  
the data will be used for various  
purposes, including but not limited  
to: tracking, reporting, and analysis.

Project goals

### 2015-2016 Data

Tracking and reporting for the  
unions, including but not limited  
to: tracking, reporting, and analysis.

Project goals

### Live Demo

Project goals

### Progress to date

1. Design and development of the  
system, including but not limited  
to: tracking, reporting, and analysis.

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#### Scope of data:

Inventory management system for student items (laptops, bikes, chargers) at MU Student Center help desks.

### Client: Mizzou Student Unions

#### Client need:

The purpose of this project is to redesign the inventory management system to manage student item check-in and check-out services for students checking out laptops, bikes and chargers from MU Student Center help desks.

#### Data sets used:

Inventory  
Users  
Items  
Transactions

### Still to be done

- Queries to populate tables for each location view on summary page and for inventory page
- Checkin/checkout functionality and UI
- Testing
- Finish UI

Deadline: Mar 13, 2016

### Live Demo

<https://cs3380-jadppf-centralus1-cloudeapp.azure.com/muc3380spring2016/test/>

### Progress to date

- Login / Logout functionality for regular and admin users
- User registration functionality for admin users
- User interface for summary, login, shopping cart, and registration pages
- Edit and insert functionality for summary list on home page

# Group

Alyssa Nielsen  
Jakob Daugherty  
Michael McLaughlin  
Hunter Ginther  
Zach Dolan  
Kevin Free

## Responsibilities

**Alyssa:** Team lead, coordinate group meetings, application proposal and documentation writing, presentation preparation, application UI, and database design.

**Jakob:** Set up VM, MySQL database access and Github repository, application proposal and documentation writing, data insertion, backend functionality, database design.

**Hunter:** Home and inventory page backend functionality, login/logout and registration functionality and UI, database creation, management and design.

**Zach:** Home page, login/logout, inventory, shopping cart and registration backend functionality and UI, database design.

**Kevin:** Edit and insert functionality for home page and inventory item tables, database design.

**Michael:** Checkin/out pages functionality and UI, database design.

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# Client: Mizzou Student Unions

## Client need:

The purpose of this project is to redesign the inventory management system to manage student item check-in and check-out services for students checking out laptops, bikes and chargers from MU Student Center help desks.

## Data sets used:

- Employee
- Student
- Item
- Location
- Transaction data

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- Employee
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## Progress to date

- Login / logout functionality for regular and admin users
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- User interface for summary, login, shopping cart, and registration pages
- Edit and insert functionality for summary list on home page

## Still to be done

- Queries to populate tables for each location view on summary page and for inventory page
- Checkin / checkout functionality and UI
- Testing
- Finish UI

**Deadline: May 13, 2016**



# Live Demo

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mucs3380spring2016/test/](https://cs3380-jadppf.centralus.cloudapp.azure.com/mucs3380spring2016/test/)

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#### Scope of data:

• All data is stored in a database  
• All data is accessible via a REST API  
• All data is accessible via a REST API

### Client: Mizzou Student Unions

#### Client need:

The purpose of this project is to redesign the inventory management system to manage student item check-in and check-out services for students checking out laptops, bikes and chargers from MU Student Center help desks.

#### Data sets used:

• Products  
• Users  
• Items  
• Transactions

### Still to be done

- Queries to populate tables for each location view on summary page and for inventory page
- Checkin/checkout functionality and UI
- Testing
- Finish UI

Deadline: Mar 13, 2016

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