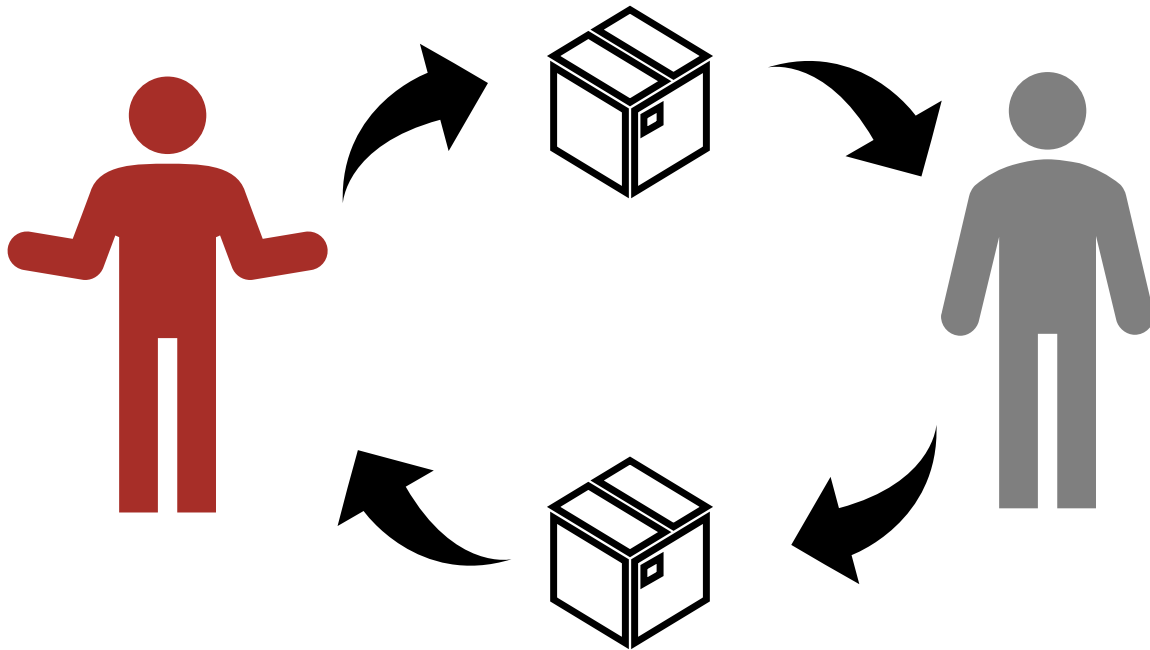


# LOGISTICS WEBSITE PROJECT



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## Project Website

<https://vi-try-django-logistics.herokuapp.com>

# Background

## Objective

In a corporate or an organization setting, there are a lot of common items that might not be used as often. When one department is not using it, other department should be able to borrow it. This web application facilitate the lending and borrowing process.

## Project Description

The project utilize the following technologies:

- Django back-end, including: user authentication, generic forms and views, query, etc.
- HTML and CSS for front-end supported by Bootstrap framework
- Heroku as a deployment platform
- External libraries such as Tempus-Dominus for date-picker in Django



# Authentication

## Sign Up

User can sign up for an account through the following link <https://vi-try-django-logistics.herokuapp.com/users/signup/>

## Log In

User can Log In through their username and password in <https://vi-try-django-logistics.herokuapp.com/users/login/>



### Sign Up

Username\*

Required. 150 characters or fewer. Letters, digits and @/./+/-/\_ only.

Email\*

Password\*

- Your password can't be too similar to your other personal information.
- Your password must contain at least 8 characters.
- Your password can't be a commonly used password.
- Your password can't be entirely numeric.

Password confirmation\*

Enter the same password as before, for verification.

[Sign Up](#)

### Log In

Or [Sign Up](#) now to start sharing your items.  
Share the love!

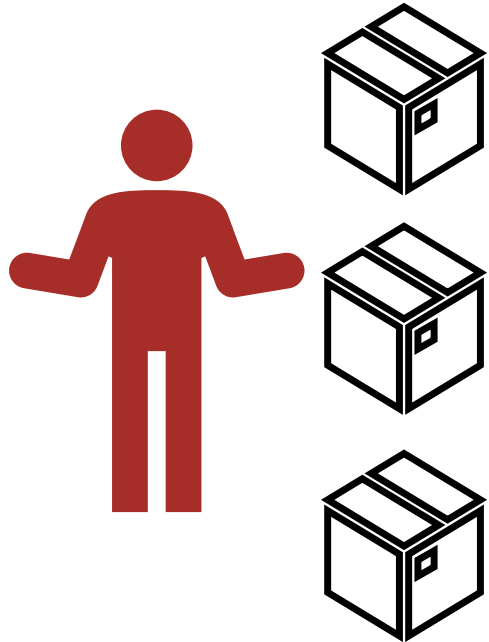
Username:

Password:

[Log In](#)



# Registering New Item



Logistics **New Item** My Items My Borrowing Record  John\_Doe ▾

Name:

Desc:

Quantity:

## New Item

In this case, John Doe from Marketing Department has 3 Senheiser E853S microphones he is intending to lend to other department.

# Seeing My Items

## Available Items

### Colored Markers

Quantity Available: 5

None is currently borrowing this item

Sharpie markers. One pack consists of 6 colors. Red, Blue, Green, Yellow, Purple and Black.

[Edit](#) [Delete](#)

### Projector Screen

Quantity Available: 1

None is currently borrowing this item

2.5m diagonal. To be taken from marketing department office at 9AM - 12PM.

[Edit](#) [Delete](#)

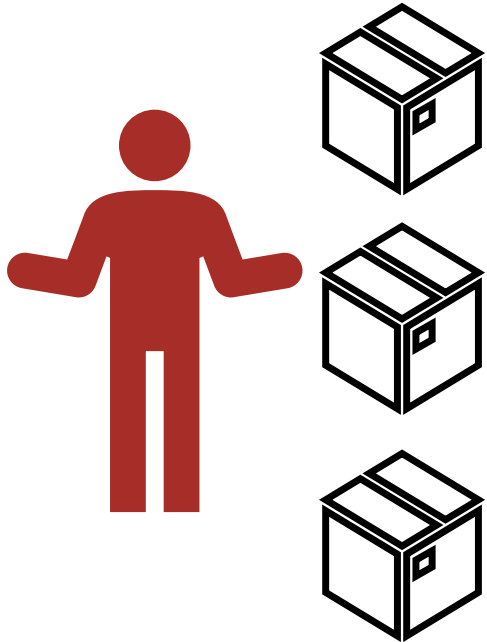
### Senheiser Microphone

Quantity Available: 3

None is currently borrowing this item

Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

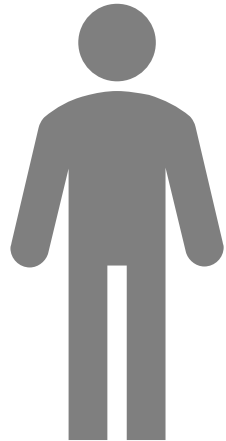
[Edit](#) [Delete](#)



## My Items

Microphone is now added to My Items list, among other items that John Doe has added previously.

# Search for Items



Logistics New Item My Items My Borrowing Record  Michelle\_Lee ▾

2 result(s)

**Senheiser Microphone** Borrow  
by [John\\_Doe](#)  
Quantity Available: 3  
Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

**Shure Microphone** Borrow  
by [Gill\\_Bentley](#)  
Quantity Available: 2  
Model BLX288. The connection to the sound system is intermittent sometimes

## Search Bar

Now, Michelle Lee from HR need to borrow 2 microphones for a birthday celebration project. She can search for microphone in the search bar. She found out that John Doe has it

Logistics New Item My Items My Borrowing Record

**John\_Doe**

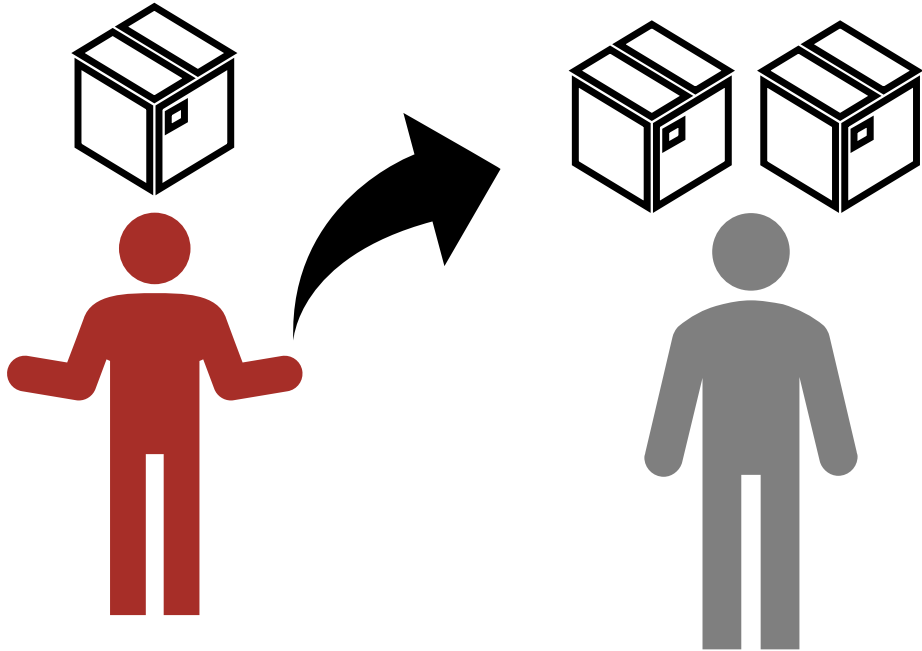
Contact: john@mailme.com

[Back to my items list](#)

## User Detail

She can click on John Doe's account and contact him through e-mail

# Borrowing Items



## Borrow Item

During handover of the 2 microphone Michelle Lee must click on “Borrow” item and set the agreed return date. This acts as a receipt from Michelle stating that she has received the item.

Logistics New Item My Items My Borrowing Record Microphone Michelle\_Lee

2 result(s)

**Senheiser Microphone**  
by John\_Doe  
Quantity Available: 3  
Model E853S. Suitable for outdoor activities that require rallying of a huge crowd

**Borrow**

**Shure Microphone**  
by Gill\_Bentley  
Quantity Available: 2  
Model BLX288. The connection to the sound system is intermittent sometimes

**Borrow**

Logistics New Item My Items My Borrowing Record Search Item Michelle\_Lee

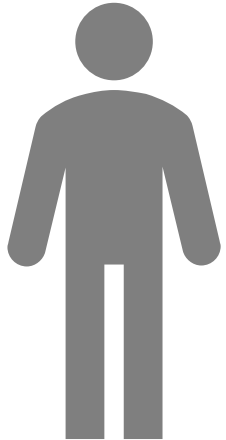
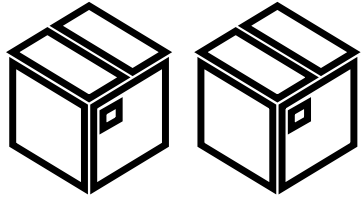
### Specify borrowing detail of item Senheiser Microphone

Return date:  
2020-08-22

Quantity: 2

**Borrow**

# Borrow Records (Borrower)



Logistics New Item My Items **My Borrowing Record** Search Item Michelle\_Lee ▾

## !!Overdue Items!!

You have no overdue items :)

## Borrowed Items

### Senheiser Microphone

Borrowed from [John\\_Doe](#) at Aug. 20, 2020

Quantity: 2

**Return Date: Aug. 22, 2020**

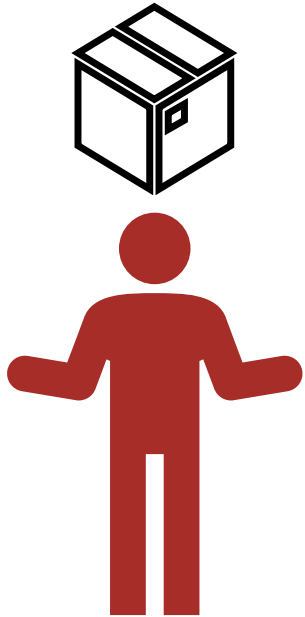
Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

## My Borrowing Record

Now Michelle can see the two microphones under “My Borrowing Record”



# Borrow Records (Lender)



## Available Items

### Colored Markers

Quantity Available: 5

None is currently borrowing this item

Sharpie markers. One pack consists of 6 colors. Red, Blue, Green, Yellow, Purple and Black.

[Edit](#) [Delete](#)

### Projector Screen

Quantity Available: 1

None is currently borrowing this item

2.5m diagonal. To be taken from marketing department office at 9AM - 12PM.

[Edit](#) [Delete](#)

### Senheiser Microphone

Quantity Available: 1

#### Item Borrow Record:

**Borrower:** [Michelle\\_Lee](#)  
**Quantity:** 2  
**Borrow Date:** Aug. 20, 2020  
**Return Date:** Aug. 22, 2020

[Mark as Returned](#)

Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

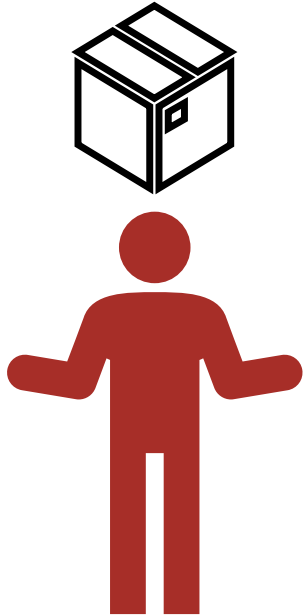
[Edit](#) [Delete](#)

## Lent Items

Now under “My Items”, John will see that two microphones is lent to Michelle. He has one more microphone available to lend.

If this last microphone is lent too, the item won't appear in the search bar anymore.

# Overdue Item



## Lender

Once overdue, the borrowing record will turn red in John's perspective

Senheiser Microphone  
Quantity Available: 1

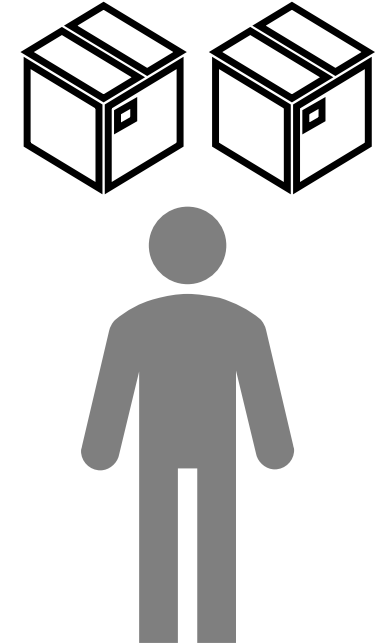
Item Borrow Record:

**Borrower:** Michelle\_Lee  
**Quantity:** 2  
**Borrow Date:** Aug. 20, 2020  
**Return Date:** Aug. 22, 2020

[Mark as Returned](#)

Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

[Edit](#) [Delete](#)



## Borrower

Once overdue, Michelle will see that her Senheiser microphone borrowing record is now under overdue items

Logistics New Item My Items **My Borrowing Record** Search Item Michelle\_Lee

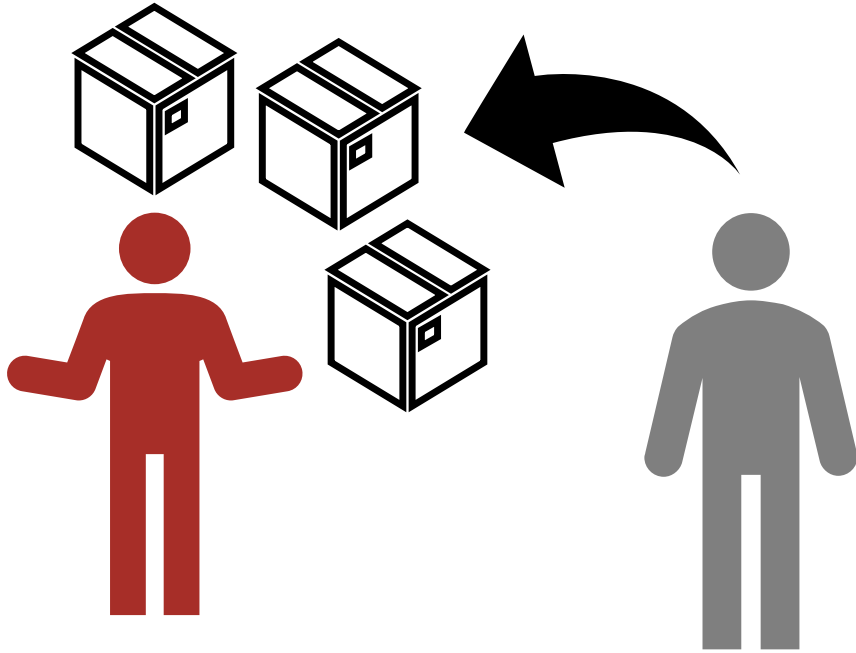
**!!Overdue Items!!**

Senheiser Microphone  
Borrowed from John\_Doe at Aug. 20, 2020  
Quantity: 2  
**Return Date: Aug. 22, 2020**

Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

**Borrowed Items**  
You have no borrowed items

# Return Items



## Mark As Returned

When Michelle return the item, John press on “Mark as Returned”. This acts as a receipt from John stating that he has received his items back.

### Available Items

#### Colored Markers

Quantity Available: 5

None is currently borrowing this item

Sharpie markers. One pack consists of 6 colors. Red, Blue, Green, Yellow, Purple and Black.

[Edit](#) [Delete](#)

#### Projector Screen

Quantity Available: 1

None is currently borrowing this item

2.5m diagonal. To be taken from marketing department office at 9AM - 12PM.

[Edit](#) [Delete](#)

#### Senheiser Microphone

Quantity Available: 1

Item Borrow Record:

**Borrower:** [Michelle\\_Lee](#)

**Quantity:** 2

**Borrow Date:** Aug. 20, 2020

**Return Date:** Aug. 22, 2020

[Mark as Returned](#)

Model E853S. Suitable for outdoor activities that require rallying of a huge crowd.

[Edit](#) [Delete](#)