

Prioritizing User Stories Using MoSCoW Rules

THE MUST-HAVE STORIES FOR THE FIRST RELEASE

Stories	Estimate
As a donor, I want to login to the website so that I can make donations.	1
As a donor, I want to post my items so that people who need them can view them.	3
As a donor, I want to check Charity Organisation's authenticity so that I can avoid fraud.	2
As a recipient, I want to login to the website so that I can search for donation items.	1
As a recipient, I want to view a list of donation items so that I can select some to raise requests.	6
As a recipient, I want to check Charity Organisation's authenticity so that I can avoid fraud.	7
As an Administrator, I want to verify Charity Organisation's authenticity so that donation fraud can be avoided.	3
As a Charity Organization, I want to login to the website so that I can raise requests.	1
As a Charity Organization, I want to show our authenticity documentation so that it can prove we are a legitimate non-profit charity organization.	1

THE SHOULD-HAVE STORIES FOR THE FIRST RELEASE

Stories	Estimate
As a donor, I want to make a donation package which contains several items so that they can be received all together at one time.	2

As a recipient, I want to raise a request for the item I need so that I can add it to request cart before submitting my request.	5
As a recipient, I want to view my request cart so that I can make adjustments prior to submitting a request.	3
As a recipient, I want to submit a request so that I can get the item shipped to me if my request gets approved.	4
As a Charity Organization, I want to give certifications to donors so that donors can be recognized for their contribution.	5

THE COULD-HAVE STORIES FOR THE FIRST RELEASE

Stories	Estimate
As a Charity Organization, I want to raise requests on behalf of people who are associated with us so that we can raise bulk requests.	3
As a donor, I want to view my post history so that I know what items I have posted in the past.	2
As a recipient, I want to view my request history so that I can see what I have submitted a request for in the past.	2

THE WONT-HAVE STORIES FOR THE FIRST RELEASE

Stories	Estimate
As an Administrator, I want to backup the entire database so that it can restore implementation for disaster recovery.	2
As a Charity Organization, I want to operate thrift stores to sell donated items so that we can use the income as proceeds to run our organization.	4
As an Administrator, I want to be able to reset a user's password, so that locked out users can access the system.	2

Refining Must-and-Should Have Priority Stories

THE MUST-HAVE STORIES

Stories	Estimate	Priority
As a donor, I want to login to the website so that I can make donations.	1	High
As a donor, I want to post my items so that people who need them can view them.	3	High
As a recipient, I want to login to the website so that I can search for donation items.	1	High
As a recipient, I want to view a list of donation items so that I can select some to raise requests.	6	High
As a Charity Organization, I want to login to the website so that I can raise requests.	1	High
As a Charity Organization, I want to show our authenticity documentation so that it can prove we are a legitimate non-profit charity organization.	1	High
As a donor, I want to check Charity Organisation's authenticity so that I can avoid fraud.	2	High
As a recipient, I want to check Charity Organisation's authenticity so that I can avoid fraud.	7	High
As an Administrator, I want to verify Charity Organisation's authenticity so that donation fraud can be avoided.	3	High

THE SHOULD-HAVE STORIES

Stories	Estimate	Priority
As a recipient, I want to raise a request for the item I need so that I can add it to request cart before submitting my request.	5	High
As a recipient, I want to view my request cart so that I can make adjustments prior to submitting a request.	3	High

As a recipient, I want to submit a request so that I can receive the item if my request gets approved.	4	High
As a donor, I want to make a donation package which contains several items so that they can be received all together at one time.	2	Medium
As a Charity Organization, I want to give certifications to donors so that donors can be recognized for their contribution.	5	Low

Design Documentation

Homepage

Layout used by user roles: Donor, Recipient, Administrator, and Charity Organization to login to the website

The diagram illustrates a homepage prototype within a yellow border. Inside, a light green rectangular area contains the main layout elements:

- Top Left:** A box labeled "Website Logo".
- Top Right:** A box containing the links "Forum | Sign in | Register".
- Center:** A large rectangular area labeled "Website Details and Images".
- Right Side:** A vertical stack of login fields:
 - A box labeled "Username".
 - A box labeled "Password".
 - A blue button labeled "Login".

Below the light green area, the text "Homepage prototype" is centered.

Donor

Welcome: "Donor 1"

[Forum](#) | [Profile](#) | [Log out](#)

Item	Description	Image	Status
CD Player	A black Sony CD player	[image]	Good
Jacket	A genuine leather jacket – size M	[image]	Good

[Manage Profile](#)

[Manage Item](#)

[View Charity Organization](#)

[Back to Homepage](#)

Administrator: Manage Users

Welcome: "Admin 1"

[Forum](#) | [Profile](#) | [Log out](#)

Search User

[Search](#)

[Back to Homepage](#)

[Reset User's Password](#)

[Check Charity Organization](#)

[Go to Database](#)

Recipient: view items to add to Cart

Welcome: "Guest 1"

[Cart: \[#\] items](#) | [Profile](#) | [Log out](#)

Item	Description	Image	Status	Add to Cart
CD Player	A black Sony CD player	[image]	Good	Add
Jacket	A genuine leather jacket – size M	[image]	Good	Add

[Back to Homepage](#)

Charity Organization

Welcome: "Charity Org 1"

[Forum](#) | [Profile](#) | [Log out](#)

Charity Organization Information

[Back to Homepage](#)

Paper Prototype

Recipient View (Log in, Search, View, Raise and Submit Request)

The image shows a hand-drawn paper prototype of a web interface for a 'Recipient View'. At the top left, there are two navigation links: 'Logo' and 'Home', each enclosed in a rectangular box. To the right of these links, the text 'Sign In' is written, followed by a 'Sign Up' button represented by a rectangular box. Below the navigation links, there are two main form panels. The left panel is titled 'Sign In' and contains the following elements: an 'Email:' label followed by a text input field, a 'Password:' label followed by a text input field, a checkbox labeled 'Remember Me' followed by a link 'Forgot PW?', and a 'Sign In' button at the bottom. The right panel is titled 'Sign Up' and contains the following elements: a 'Your Real Name' label followed by two text input fields labeled 'First N' and 'Last N', a 'Your Email' label followed by a text input field, a 'Confirm Email:' label followed by a text input field, a 'Create Your Password' label followed by a text input field, and a 'Sign Up' button at the bottom.

Logo Home | Sign In Sign Up

Sign In

Email:

Password:

☐ Remember Me [Forgot PW?](#)

Sign Up

Your Real Name

Your Email

Confirm Email:

Create Your Password

Logo Home Donation Item Requested Item username 70

Search for Donation Items Categories Q

Books
Computers
Computer Accessories

Electronics

Furniture

Cameras

CDs, DVDs & Blu-ray

Musical Instruments

Phones

Tools

Clothing

TVs

Toys

Home Appliances


Sporting Goods / Exercise

Video Games

:

Logo

Home / Donation Item / Item 1

username 

Item Pic

Item Info

Quantity

Description


Specs

poster

:

ADD TO Request CART

Request Cart

username 

<div>Pic</div>	Item Name	Quantity	Subtotal <input type="text" value="1"/> Item
	Delete	<input type="text" value="1"/>	

Submit Request

Subtotal Item

Donor View (Log in, Search, View, Post Item)

Logo

Home

Sign In

Sign Up

Sign In

Email:

Password:

☐ Remember Me

Forgot pw?

Sign In

Sign Up

Your Real Name

First N

Last N

Your Email

Confirm Email:

Create Your Password

Sign Up

Logo

Home / Donation Item / Requested Item

Username

0

Search for Requested Items

Categories

Q

Books

Tools

Computers

Clothing

Electronics

TVs

Furniture

Toys

Cameras

Home Appliances

CDs, DVDs

Sporting Goods / Exercise

Musical Instruments

Video Games

Phones

:

Logo

Home / Requested Item / Item 1

Username

0

Item Pic

Item Info

Quantity 1

Description

Post an Item

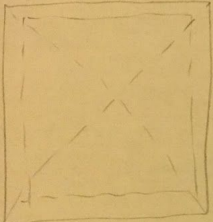
Requestor

:

Logo

Home / Requested Item / Item / Post an Item

username



Upload Photo

Add Item Info
 Item Name:
 Description:
 Specs:

About Me
 • Contact Info
 • Items Posted
 • When did I join

Charity Organization View (Log In, Create Profile, Manage Thrift Store, Search, View, Request)

Logo

Home

sign in

Sign In
 Charity Username
 Password
 Remember me ☐
[Forgot password](#)

Sign up
 Charity Organization Name
 Email
 confirm email
 password
 Description of Charity Organizations' cause

Logo Home Profile Thrift store Requests Organization name

Edit Save

Organization Name : Redcross

Contact Details :

10 X X X street

Scarborough

M1C 8N5

+16471234567

Certificates and Qualification documents

_____ .pdf

_____ .doc

Received items : 10 view details

Logo Home Profile Thrift store Requests organization name
Create new item Orders Set wall paper



Item name
item details

Edit

Remove



Item name
item details

Edit

Remove

Logo Home Profile Thrift Store Requests Organization
 Create new item Orders Set wallpaper name

upload
Picture

Name :

Price :

Description:

Upload

Logo Home Profile Thrift Store Requests Organization
 Create new item Orders Set wallpaper name

Item	username	Payment status	Delivery Date & Status
X	X	Paid/unpaid	10:00 13 Oct 2017
X	X	X	Complete
X	X	X	Collection at Store

Logo Home Profile Thrift Store Requests Organization Name

Search for Donors categories

Item	Donor	Quantity	Donor Approval & Comments
<input type="text"/>	x	1	Collect 14 Oct 2017 x x x MICBN4
<input type="text"/>	x	1	"

Matched items

Item	Status
<input type="text"/>	Available for Charity Recipient 3/ <u>Request</u>
<input type="text"/>	Available for Charity Recipient 4/ <u>Request</u>

Administrator View(Log In, Search Users, Create Temporary Password, Manage Databases)

LOGO HOME Sign In | Sign Up

Sign In

Email:

Password:

☐ Remember me

[Forgot password?](#)

Logo Home Users Databases Username

USERS

DONORS RECIPIENTS CHARITY ORGANISATIONS ADMINISTRATORS

<input type="text"/>	Search Name, Phone number, Email	
Name	Phone Number	Email
✕ A	x x x	x x @gmail.com
B	x x x	x x @ gmail.com
C		x x @ gmail.com

Logo Home Users Databases

Username

Name : A

Phone No: x x x x x x x x x

Email : x x @ gmail.com

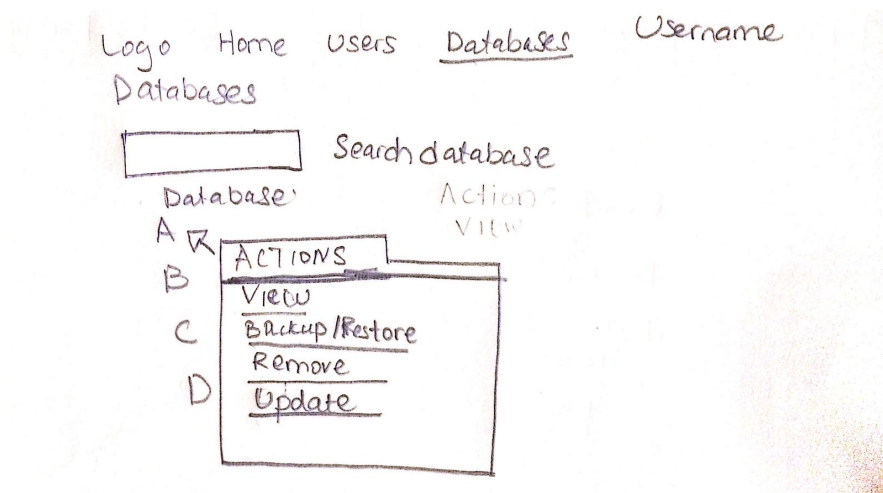
Username : x x @ gmail.com

CHANGE PASS
word

temporary password:

XYZRQ529

Send



Actual Release Plan

Release	Iteration	User Stories	Estimate
1.0	1	As a donor, I want to login to the website so that I can make donations.	3
		As a donor, I want to post my items so that people who need them can view them.	5
		As a recipient, I want to login to the website so that I can search for donation items.	3
		As a recipient, I want to view a list of donation items so that I can select some to raise requests.	6
		As a Charity Organization, I want to login to the website so that I can raise requests.	3
		As a Charity Organization, I want to show our authenticity documentation so that it can prove we are a legitimate non-profit charity organization.	3
		As a donor, I want to check Charity Organisation's authenticity so that I can avoid fraud.	4
		As a recipient, I want to check Charity Organisation's authenticity so that I can avoid fraud.	5

	2	As an Administrator, I want to verify Charity Organisation's authenticity so that donation fraud can be avoided.	5
		As a recipient, I want to raise a request for the item I need so that I can add it to request cart before submitting my request.	5
		As a recipient, I want to view my request cart so that I can make adjustments prior to submitting a request.	4
		As a recipient, I want to submit a request so that I can receive the item if my request gets approved.	5
		As a donor, I want to make a donation package which contains several items so that they can be received all together at one time.	6
		As a Charity Organization, I want to give certifications to donors so that donors can be recognized for their contribution.	5