Magic Toy Store

# Brochure

Magic Toy Store is an B2C e-commerce website. The mission of the company as stated on its site is as follows - Magic Toy Store is dedicated to providing truly magical toys to the brightest and most imaginative minds. Our belief is that magic can potentially open our minds to improve our creativity and imaginative spirits.

Website: <https://magictoystore-2018.azurewebsites.net/>

GIT Location - <https://github.com/RimZim8000/CourseProject-V2>

## Process flows in the Magic Toy Store Web Application

There are five main processes in the Magic Toy Store E-Commerce site

* Login Process
* Registration Process
* Purchase Process
* Payment Process (AKA Shopping cart)
* Repurchase Process

## Process Diagram

## Login (Authentication) process:

### Importance of this process

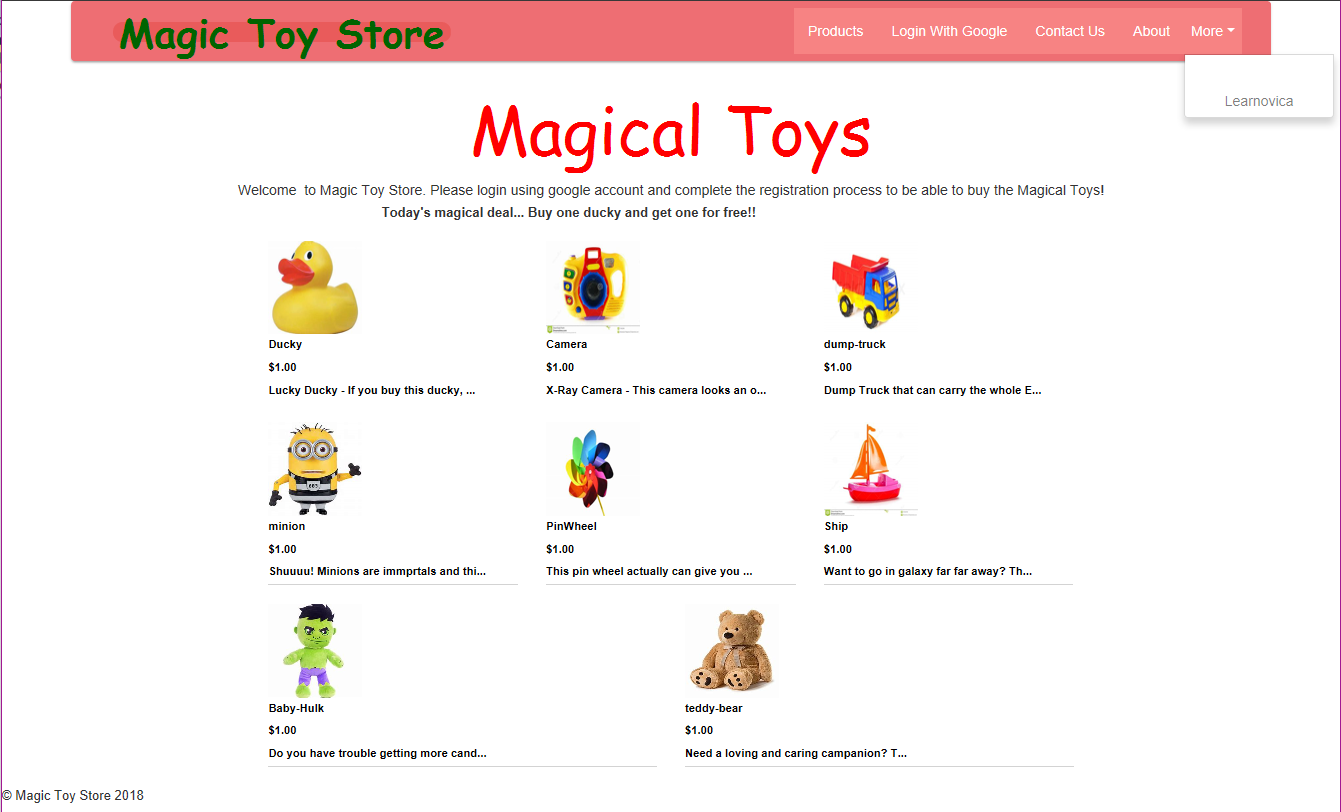
Login using Google credentials is absolutely necessary to be able to use the Magic Toy Store. The Login process flow will allow you to enter the “Magic Toy Store” to be able to buy the products offered by the store. To login into the Magic Toy Store site, visit the site : <https://magictoystore-2018.azurewebsites.net/>

### Process context

When you navigate to the “Magic Toy Store” for the first time on a new computer, or you have logged out of the site, the login process is the doorstep into the entry of the Magic Toy Store site.

### Process description

The first time you visit this site, you will see the following screen. This screen is the default landing page of the application. In this screen list of Magical Toys available for sale are arranged in a grid format.



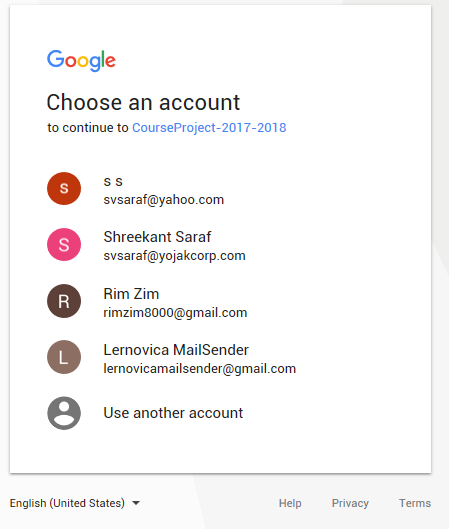
### Starting the Process

To start the Login process, you need to click on “Login With Google” main manuitem.

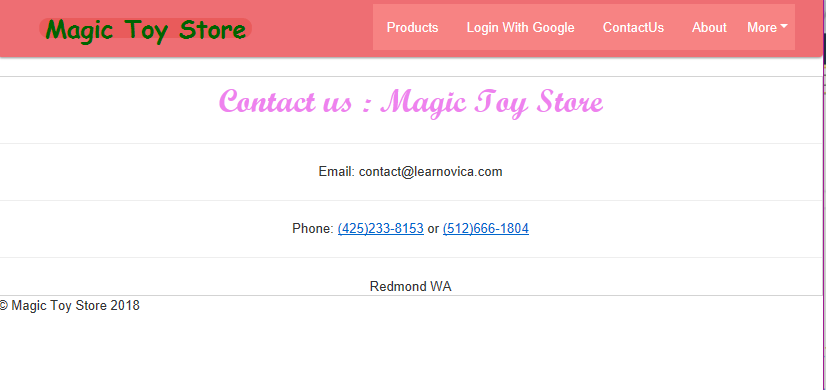
### Process Screens

The top level menuitems are as follows –

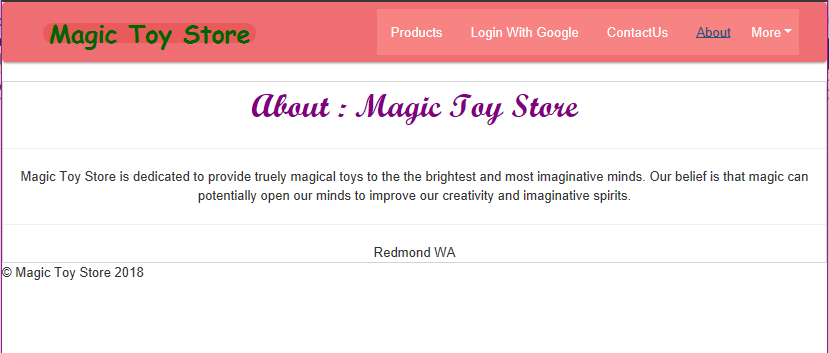
* + 1. Products – clicking on the “Products” link will take you to the collection of items for sale. This page is the default landing page for the website – “Magic Toy Store”
    2. Login With Google – clicking on the “Login With Google” will start the Authentication process. You will be directed to the Google Authentication page. If you already have multiple google accounts that you have logged in on your computer, the google auth screen will show up as follows. You should select the google account that you would like the use. If you don’t have a google account, please create one. It is free.



* + 1. Contact Us – clicking on the “Contact Us” menuitms will take you to the contacts screen which shows up as follows. You can use the information on this screen to contact the “Magic Toy Store” Team.



* + 1. About - clicking on the “About” menuitms will take you to the About screen which shows up as follows. This page has the mission statement and pertinent strategic information about the “Magic Toy Store”.



* + 1. More – This menuitem has a sub menu – Learnovica. This is a hyperlink to the website Learnovica.com. Learnovica is the parent company of the “Magic Toy Store”

Once you login with your Google credentials, the login (or authentication) process flow is successfully completed. Upon successful completion of the login process flow, you will be navigated back into the Magic Toy Store sites’ Products page and the next phase i.e. Registration Process flow starts.

## Registration Process Flow

### Importance of this process

To be able to buy items on the Magic Toy Store website, the website needs you to verify your email address and also needs to gather some pertinent information about you. The Magic Toy Store uses this registration information for three purposes –

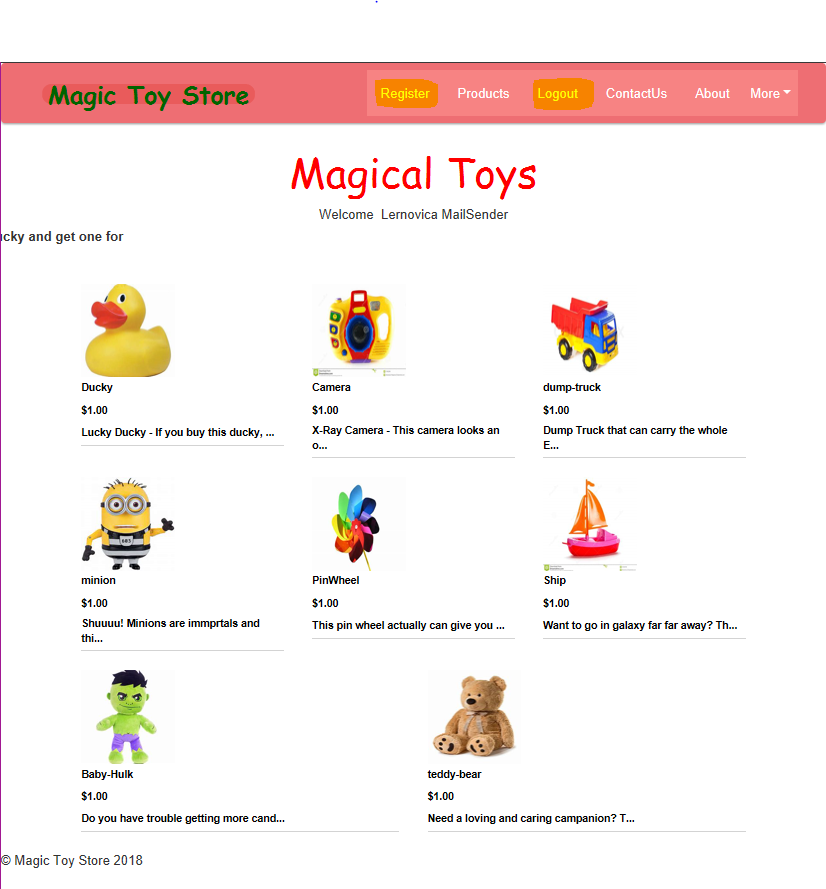
1. The other contact info is used by the site to connect with you as an alternative means of communication.
2. The Address info is used by the store as a delivery address to ship the toys you bought on the site.
3. The secrete (personal) info is used by the site to verify your identity, if you need help with you order.

### Process context

Registration process flow starts once you complete your Login using “Login With Google”. After you login into “Magic Toy Store” using your google credentials, you will be again navigated to the same Products screen. However, please observe that now, the menu items have changed…

### Process description

In this process stage, a new menuitem “Register” is now added to the main menu of the Magic Toy Store site. In this main menu, instead of the menuitem “Login With Google”, you see a new menuitem “Logout”. (please see the picture below) To continue using the “Magic Toy Store” website, you are expected to complete the registration process to be able to buy the items.



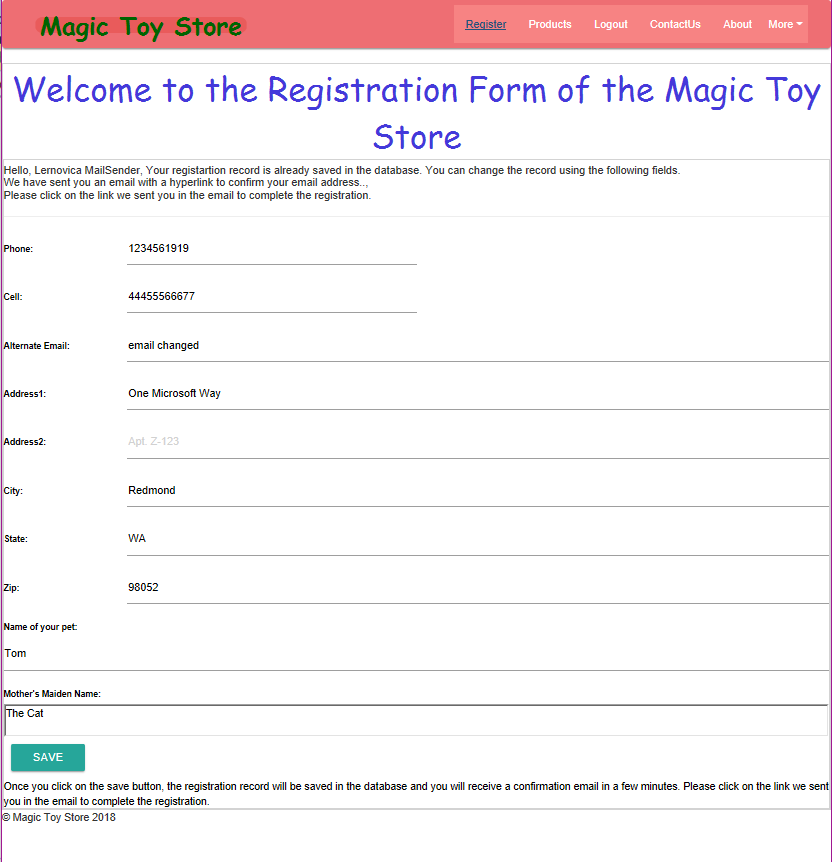
### Staring the Process

To start the registration process, please click on the “Register” menuitem. This action will take you to the Registration screen as follows. This screen will collect information about you, the purchaser.

### Process screens

Important note - Please remember that your primary email address is the one you used for logging into the “Magic Toy Store”. All correspondence will primarily go on to the email address you used to login into the “Magic Toy Store”.

#### Registration Screen



Shipping address

Other contact info

Personal info

Data entry sections in the Registration form(screen)

#### Other info section

* + - 1. Phone – your contact phone
      2. Cell – Your cell phone
      3. Alternate Email – You can put an alternate email address if you want to use it along with the primary email address you logged in using. This email will not be used by the “Magic Toy Store” as the primary email. Neither it will be used as a substitute.

#### Shipping Address section

* + - 1. **Address1 – This is the street address that you want your deliveries to be sent to.**
      2. Address2 – This is the street address that you want your deliveries to be sent to.
      3. **City – This is the street address that you want your deliveries to be sent to.**
      4. **State – This is the street address that you want your deliveries to be sent to.**
      5. **Zip – This is the street address that you want your deliveries to be sent to.**

#### Personal Info section

* + - 1. Name of your Pet – This info may be used by the “Magic Toy Store” staff to verify your identity, in case you would like to cancel, modify and order dispute the payments.
      2. Mother’s Maiden Name – This info may be used by the “Magic Toy Store” staff to verify your identity, in case you would like to cancel, modify and order dispute the payments.

#### Save section

* 1. Save button - Click this button once you finish the data entry. Once the saving action completes, the Save button will be grayed out (disable, i.e. you can’t click on it again)
  2. Message – Upon saving, a message will be displayed below the Save button - “We have sent you an email with a hyperlink to confirm your email address.., Please confirm your email using the link we sent you in the email to complete the registration.”. Once you receive this message in the “Magic Toy Store” site, pl go to the email inbox of your primary email address. In you inbox, you should find a new email with following info -

From address - “Learnovica <lernovicamailsender@gmail.com>”.

The message subject line will be - “Please Confirm”.

Message body will be similar to the below text – “Please click on [this link](http://localhost:44340/RegistrationConfirm?token=b79efbbf-837e-4985-aef0-7dd956ad8821) to confirm the registration”

To complete the process of registration, you are expected to click on the link in the email message. Clicking on the link will bring out a new browser window (or a new tab in the already opened browser) with the Products screen of the “Magic Toy Store” site.

This concludes the Registration process flow.

## Purchase process flow

### Importance of this process

Purchase process facilitates shopping experience. Only Logged in and Registered user can place the orders.

### Process context

This Process is started when a user completes the registration process and validates his/her email address.

### Process description

In this process, the user goes thru following steps

* Increase or decrease the quantity of the toys to buy
* Add the items in to the shopping cart by clicking the Shopping Cart button

### Process screens

#### Main menu

1. Top level menu item – The menuitm “Register” no longer is shown. Instead, you will see a menuitem “My Info”.
2. All the other menuitems available at the end of the Registration process will be available in the Purchase process flow.

#### Products screen



Other noticeable differences in the Products screen in this process

#### Greeting section

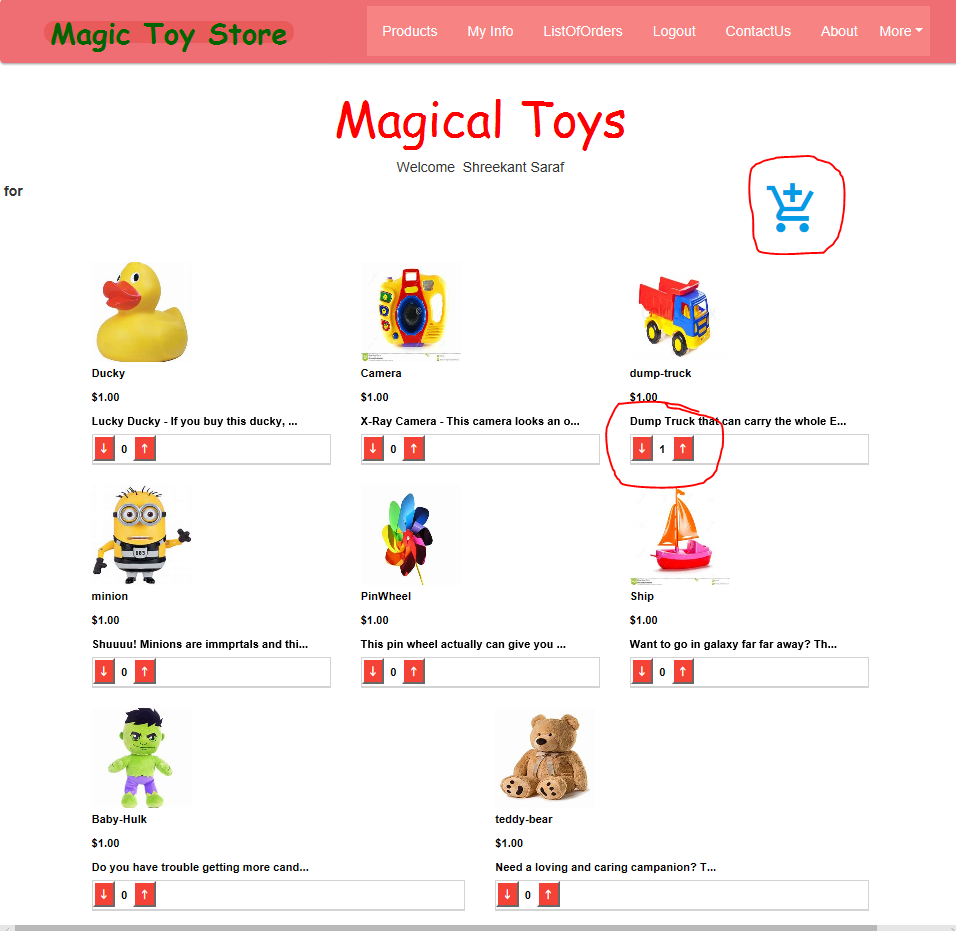
Your name is shown in the greetings.

#### Quantity buttons

Each of the products will have a place for you to increase or decrease the quantity of the selection - . You can use the up and down arrows to increase or decrease the quantities you want to buy.

#### Shopping cart icon

Once you select atleast one item on the Products screen, a shopping cart icon  will automatically appear and the screen will look as follows



Please observe that if you reduce number of selected quantity to zero, the “Shopping cart icon” disappears. Our system doesn’t allow to have an empty shopping cart. We also don’t allow the user to change quantities in the shopping cart.

Once you click the shopping cart icon, you have completed the Purchase Process and go to the Payment Process.

## Payment process flow

Payment process facilitates the user to review and pay for the items in the shopping cart.

### Importance of this process

In this process the user can pay for the items in the shopping cart using Stripe secure checkout using credit card payments.

### Process context

Payment process flow starts once you add items to the shopping cart by clicking the “Shopping cart” icon - . After you login into “Magic Toy Store” using your google credentials, you will be again navigated to the same Products screen. However, please observe that now, the menu items have changed…

### Process description

In this process, the user goes thru following steps

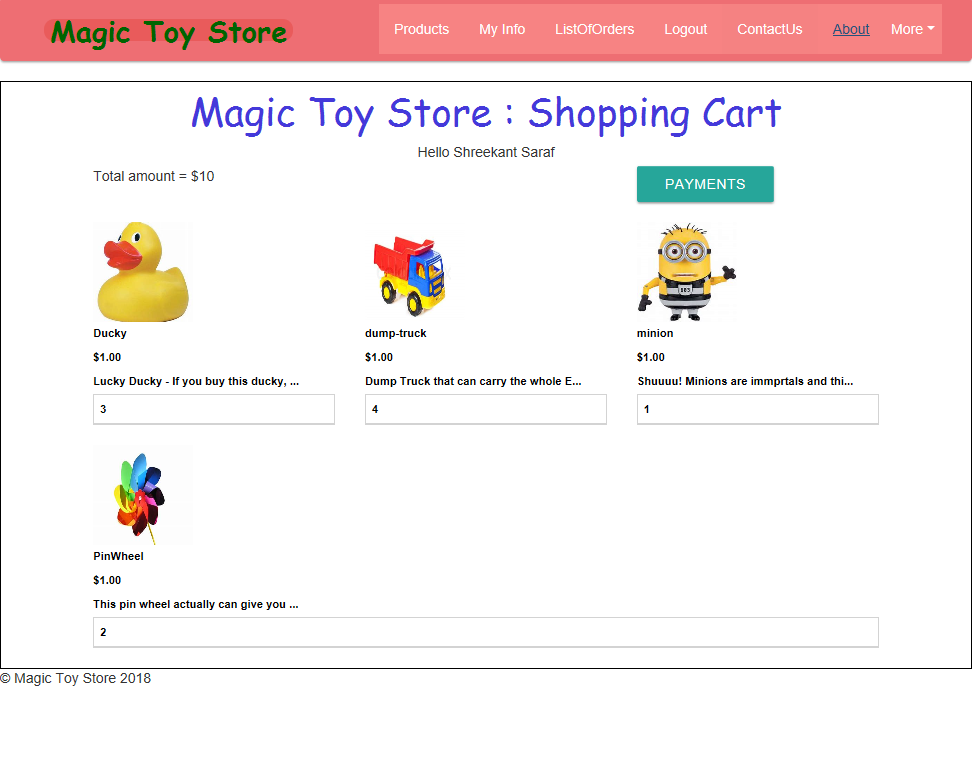
* Read and confirm the items in the shopping cart
* Click on the Payment button
* On the payment screen re-confirm the summary of the purchase
* Click the Pay button to go to Stripe checkput
* Enter email, credit card number, expiration, and three digit code and submit
* Observe that the Payment successful screen will show up
* You have received an email in your primary email inbox about the purchase.

### Process Screens

#### Main Menu

Main Menu in the Payment process is the same as the main menu in its predecessor process. i.e. the Purchase process

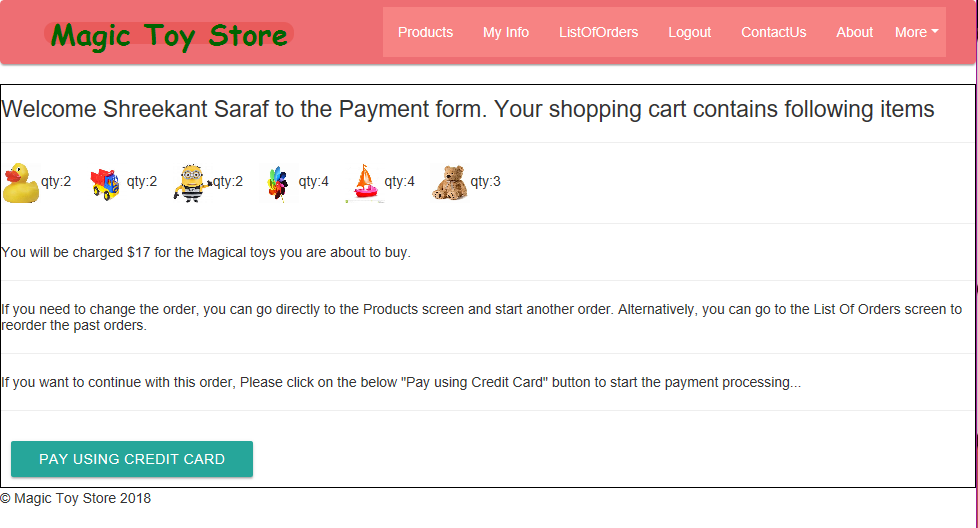
#### Shopping cart



The shopping cart screen has three main components

1. Total amount – This is the sum of all the cost of items you intend to purchase
2. The items grid with the number of selected quantity per item
3. Payments button – clicking this button will take you to the Payment screen

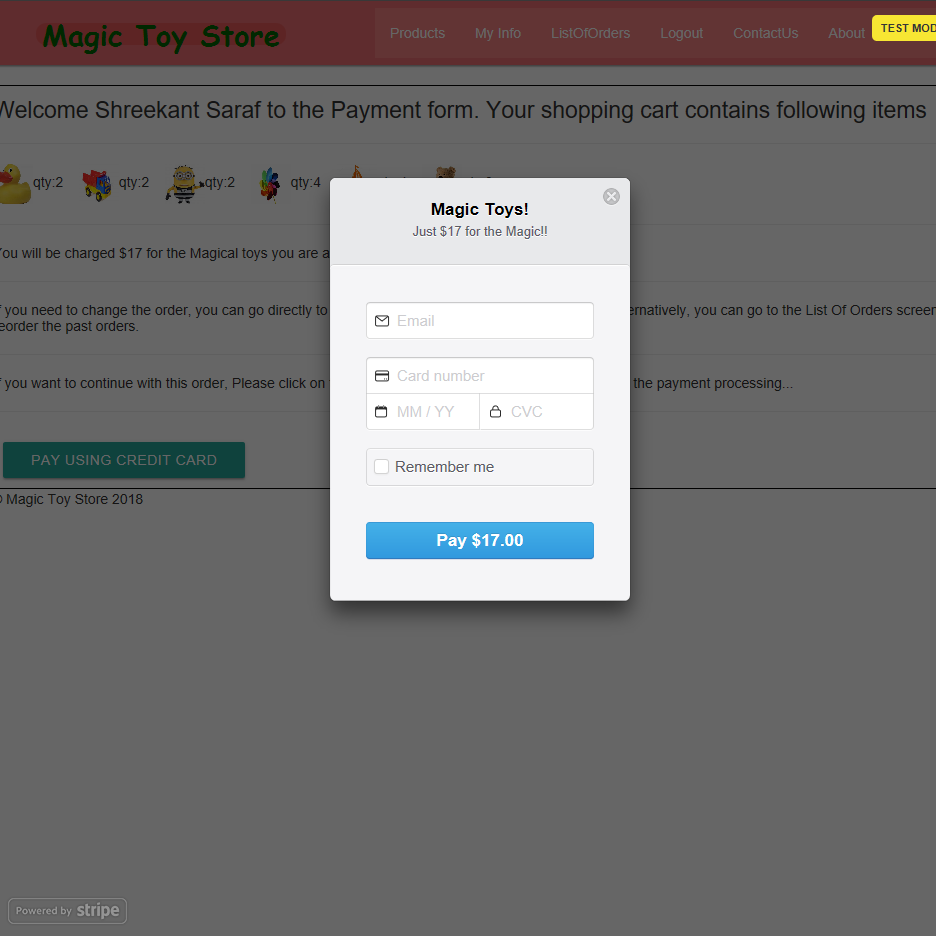
#### Payment Screen



The Payment Form screen has three main components

1. The items row with the number of selected quantity per item
2. The notice to the user that total charge of the total amount will be put on the credit card
3. Pay using credit card button– clicking this button will take you to the stripe check out.

#### Stripe Checkout

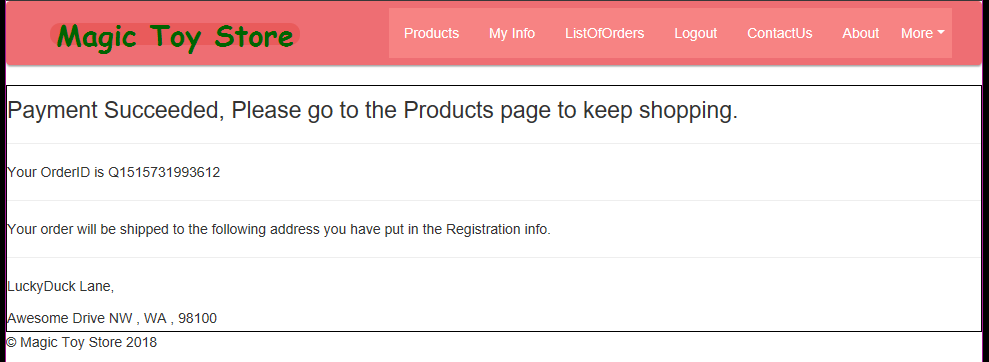


Stripe checkout is a modal dialog where you put the information of your credit card (email, credit card number, expiration (mm/yy) and three digit CVC number.

You can either fillout the credit card info and click on the pay button or you can cancel the Stripe checkout by clicking on the X button on the top of the Stripe Check out modal.

If you choose to pay, the Stripe dialog will disappear and an acknowledgement form will appear as follows.

#### Payment Acknowledge form



The Payment acknowledge form has following sections

1. The order ID of the order you just placed
2. The shipping address that the order will be shipped to. This shipping address is taken from the registration form you just filled up in the registration process.

## Repurchase process flow

### Importance of this Process

This process can help you place the same purchase order you had created in the past. It is just an easy and fool-proof way to short cut the purchase order process.

### Process context

You need to have placed orders (at least have created some shopping carts) in the Magic Toy Store website to be able to use this process.

### Process Description

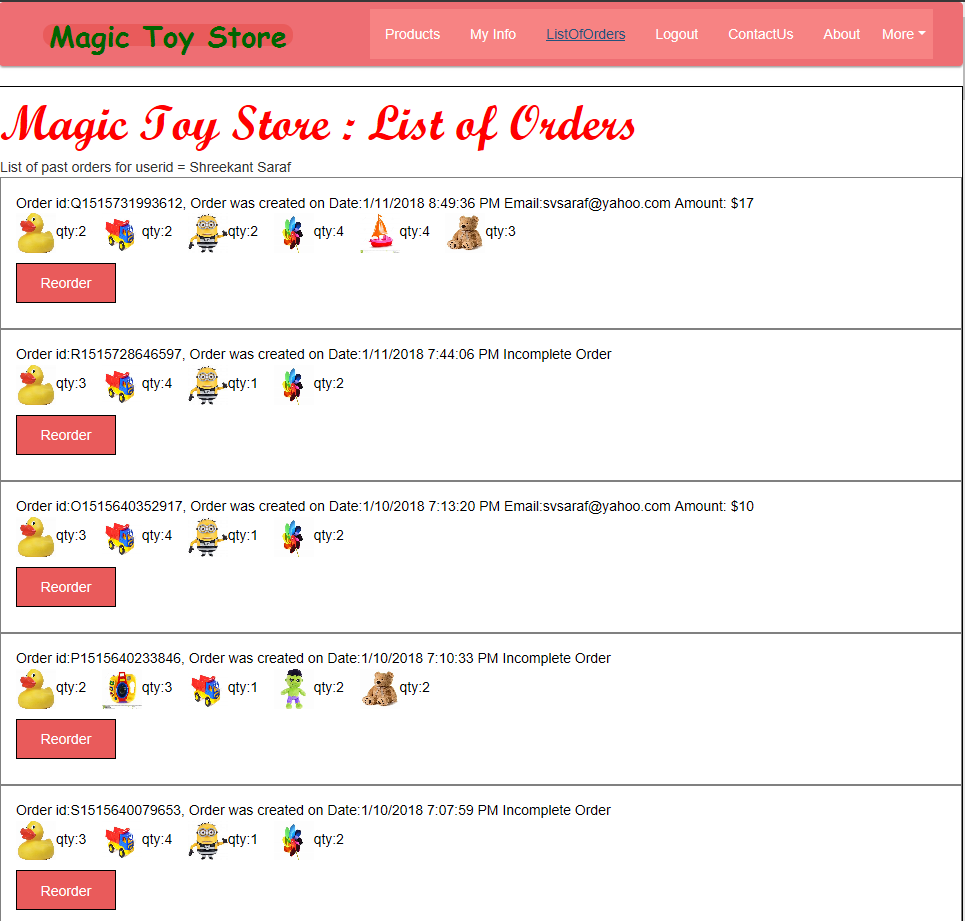
In this process you open the “List Of Orders” screen to choose which order you would like to repeat. Once you see the most appropriate order, you can click on “Reorder” button to create a shopping cart out of it and directly enter the “Payment” process flow.

In this process, the user takes following steps.

* Launch the screen ListOfOrders
* Observe the List of past orders. Notice that the orders that you kept in the shopping cart but didn't complete are shown as Incomplete orders.
* Choose the order you like to repeat and click the ReOrder button. This will take you back into the "Payment" process.

### Process screens

#### The ListOfOrders screen



This List Of Orders screen has the orders you have put in the past the reverse chronological order.

Each order has following fields –

1. Order Id
2. Order created Date time
3. Email used to pay
4. Amount that was charged
5. If the order was incomplete, the above two fields will be replaced by the text “Incomplete Order”
6. Reorder button – Once you click on this button, the Payment Process starts.