

Project
On
Online Photography Store - WorldInMyLens

Team Members

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1. Abstract

This project is about developing an eCommerce website that allows a photographer to sell his photo posters, connect with fellow photographers and enthusiasts, share knowledge and teach budding photographers, imprint photographs on memorabilia

2. Software requirements

a. Software required:

- Rails 4.1.1
- Ruby 1.9.3

b. Required Gems

- Devise
- OmniAuth
- Fbgraph
- geocoder
- Gmaps4rails
- Nokogiri

3. How to test?

Steps to follow:

- Ensure that the gemfile contains the listed gems
- Copy the cacert.pem file to C:\RailsInstaller folder
- Copy the unzipped folder to the drive
- Open a command prompt
- Cd to the file location
- Give the command rails server
- Open the browser, give

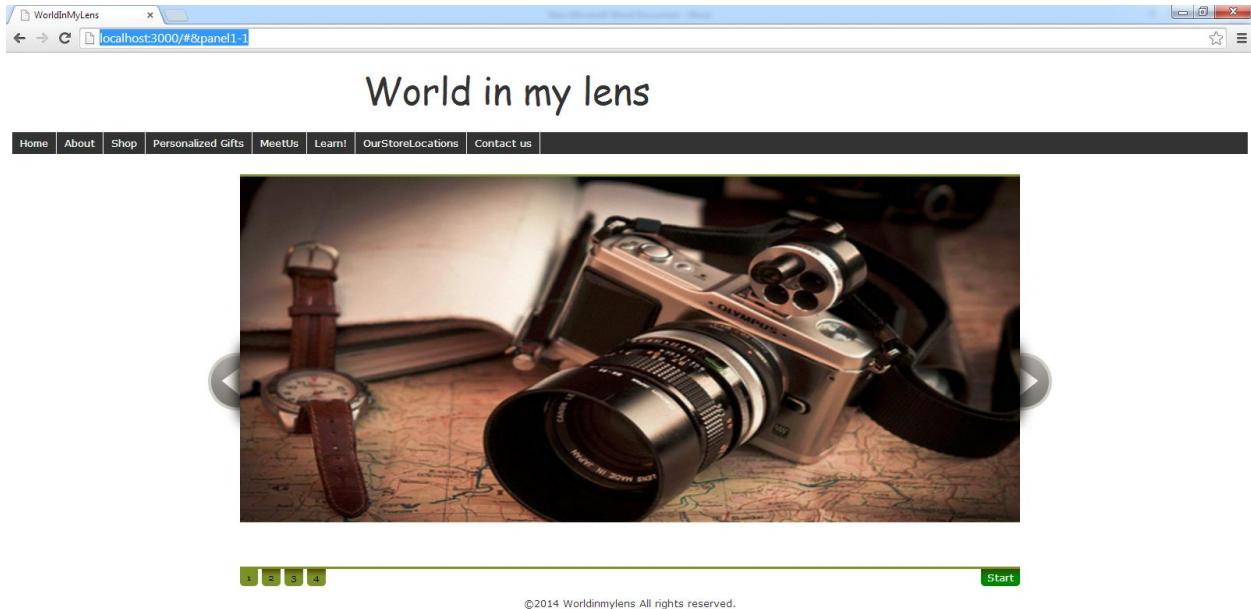
S.NO	Testcase	Displays	Test Case Results Pass/Fail
1	Click on <u>http://localhost:3000</u> takes to homepage click on 'Home' <u>http://localhost:3000/#&panel1-1</u>	Homepage with images scroll bar	Pass
2	Click on 'About' Menu directs to link <u>http://localhost:3000/about/index</u>	About Us displays the store information	Pass
3	On click of 'Shop' tab redirects to link <u>http://localhost:3000/store</u>	Store with various posters	Pass (Commented footer as)

			it is displaying on the top of store page)
4	Choose poster and Click on 'Add to Cart' for selected poster	Add to Cart Button	Pass
4.1		Redirects to http://localhost:3000/carts/70 (cart number changes) displaying the Shopping cart	Pass
4.2		Click on 'signin with facebook for checkout'	Pass
4.3		Redirects to facebook login page Login details: Email: rubyonrailss2014@gmail.com Password: rubyonrails Logs in and goes to orders link http://localhost:3000/orders/new#_=_	Pass
4.4		http://localhost:3000/orders/new#_=_ Fill out the fields and click on 'Place Order' button.	Pass
4.5		Validates if any filed is missed out and asks to fill out the missing fields	Pass
4.6		Takes to Store page with a message "Thank you for your order!!!" on successful transaction	Pass
4.7		Click on 'Continue shopping' link for more shopping of posters http://localhost:3000/carts/71 Can keep adding the posters and then click on 'Proceed to checkout' Transaction success with "Thank you for your order!!!" on store page.	Pass
5	Click on 'Personalized Gifts' Menu redirects to http://localhost:3000/scraping/index	Lists the personalized gifts items scraped from other sites using Xpath and Nokogiri gem.	Pass
6	Click on 'MeetUs' menu http://localhost:3000/meet/index	Displays the parsed data of Meet API parsed using rexml	Pass
6.1	Clicking on 'Register' link	redirects to event url	Pass
6.2	Click on the 'Event URL' Example: http://www.meetup.com/sanfranciscofashionindustry/events/186596492/	Redirects to Event Url page and shows the event details	Pass
7	Click on 'Learn!', redirects to http://localhost:3000/learn /index	Displays the present and past events pulled out from fb using facebook graph	Pass

7.1	In Learn! Page, Click on 'Click here' to know more about our events	Redirects to facebook "WorldInMyLens" page	Pass
7.2	Learn! Displaying the Facebook Worldinmylens page	https://www.facebook.com/pages/Worldinmylens/1884266041712302 ; displays various photography events posted in the facebook Worldinmylens page. ' https://www.facebook.com/pages/Worldinmylens/1884266041712302 '	Pass
8	Click on 'OurStoreLocations' http://localhost:3000/locations	Displays Locations Click on the location, it shows Sunnyvale and SFO.	Pass but on another refresh of localhost
9	Click on 'Contact us' http://localhost:3000/contact/index	Displays Contact us form where interested customer fills in the form leaving a message to Admin.	Pass
10	As an admin, give the below link in the browser http://localhost:3000/posters Note: admin: login:admin@wiml.com, pwd:admin123	Displays Posters page: it displays list of posters where the admin can show/edit/destroy	Pass

4. Screenshots

Screenshot 1: Displays Homepage



Aspen trees in cocino forest
This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display
\$20.00 [Add to Cart](#)

Bay bridge at night
This fine art print is produced on Forest Stewardship Council certified paper, using post-consumer, sustainably sourced paper, soy-based inks
\$45.00 [Add to Cart](#)

Cocktail n roses
The detailed proofing process, standardized printing plates of offset lithography, this print reproduction maintains vivid colors, faithfulness to th...
\$32.99 [Add to Cart](#)

Elephant calf
This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display
\$32.99 [Add to Cart](#)

Grand Canyon
This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display
\$50.00 [Add to Cart](#)

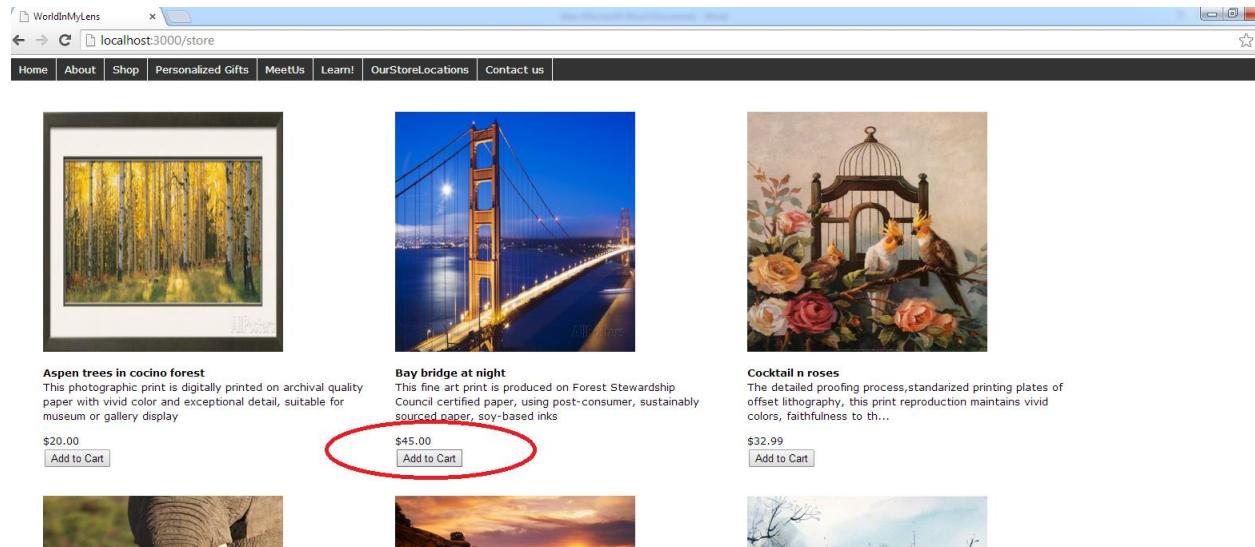
Lovers at chi tou
This gicle print offers beautiful color accuracy on a high-quality paper (235 gsm) that is a great option for framing with its smooth, acid free su...
\$40.00 [Add to Cart](#)

The virgin of grapes
This gicle print offers beautiful color accuracy on a high-quality paper (235 gsm) that is a great option for framing with its smooth, acid free surface
\$49.99 [Add to Cart](#)

Twilight in central park
High-quality printing gives this fine art print its vivid and sharp appearance. Produced on medium weight cover stock, this art reproduction is co...
\$40.00 [Add to Cart](#)

White wooden fence
This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display
\$50.00 [Add to Cart](#)

Screenshot 4: Selecting the poster and Adding to Cart



Screenshot 4.1: Displays the shopping cart with Price and total price

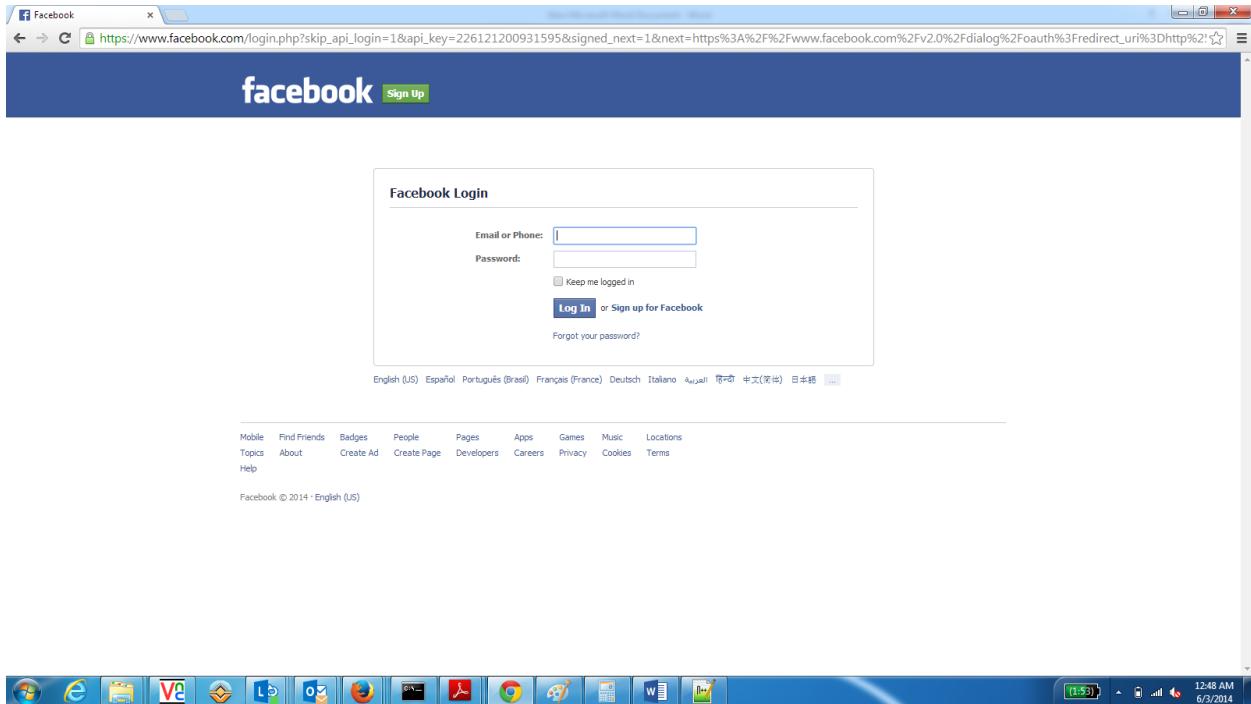
Your Shopping Cart

1x Bay bridge at night \$45.00
Total \$45.00

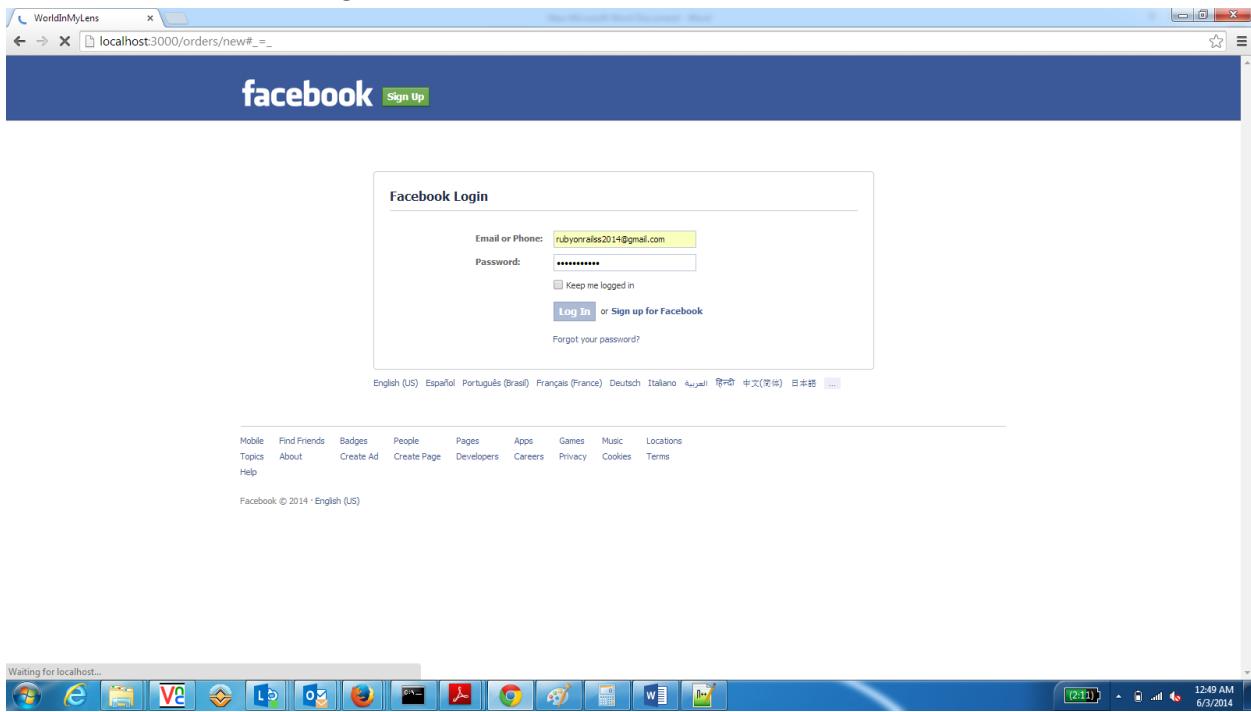
[Sign in with Facebook for Checkout](#)
[Continue shopping](#)
[Empty cart](#)

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Screenshot 4.2: Displays facebook login page



Screenshot 4.3: Fillout the login Information



Screenshot 4.4: Displays payment information

Signed in as **Devg Silpa!** [Sign out](#)

Please Enter Your Details

Name

Address

City

State

Zipcode

Phone

Email

Pay type: Paypal Creditcard

Card type:

Name on card

Card number

Cvv code

Exp date

Place Order

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Screenshot 4.5: Error in payment processing asking to validate credit card EXP Date as the filed is left out

1 error prohibited this order from being saved:

- Exp date can't be blank

Name: silpa

Address: S Fair oaks Ave

City: Sunnyvale

State: California

Zipcode: 94086

Phone: 4087968170

Email: silpa.nandipati1@gmail.com

Pay type: Paypal Creditcard

Card type: Mastercard

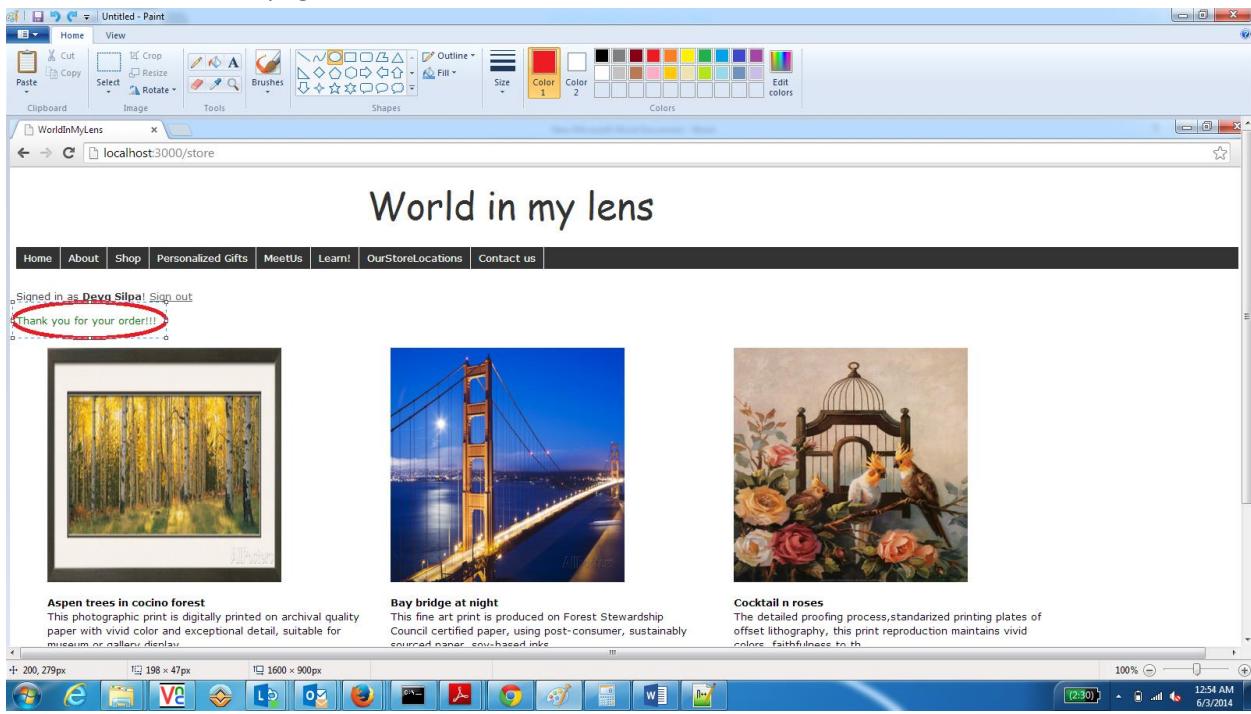
Name on card: silpa

Card number: 12345678900987776

Cvv code: 124

Exp date: [Redacted]

Screenshot 4.6: On validation processed the payment displaying a message “Thank you for your Order!!!” in the store page.



Screenshot 4.7: Continue Shopping

Signed in as **Devg Silpa!** [Sign out](#)

Your Shopping Cart

1x Aspen trees in cocino forest \$20.00	
1x Cocktail n roses \$32.99	
Total	\$52.99

[Proceed to Checkout](#)

[Continue shopping](#)

[Empty cart](#)

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Screenshot 4.8 Add more items and continue shopping

Signed in as **Devg Silpa!** [Sign out](#)

Your Shopping Cart

1x Aspen trees in cocino forest \$20.00		
1x Cocktail n roses \$32.99		
1x Grand Canyon \$50.00		
Total	\$102.99	

[Proceed to Checkout](#)

[Continue shopping](#)

[Empty cart](#)

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Screenshot 5.0: Personalized Gifts Menu



Screenshot 6.0: MeetUs

The screenshot shows a web browser window with the URL localhost:3000/meet/index. The page title is "World in my lens". Below the title is a navigation bar with links: Home, About, Shop, Personalized Gifts, MeetUs (highlighted in blue), Learn!, OurStoreLocations, Contact us. The main content area is titled "Meet us here...". It contains a table listing 10 events:

No.	Event Name	Venue	Time	Register
1	Canon Explorer of Light, Lewis Kemper - Light, Composition and Color	Canon Live Learning San Francisco	06/03/2014	http://www.meetup.com/Canon-San-Francisco/events/184415642/
2	Portfolio Night & Runway Model Casting Call & Volunteer Open Call	Canon Live Learning San Francisco	06/04/2014	http://www.meetup.com/sanfranciscofashionindustry/events/186596492/
3	Portraits: Shoot it, Critique it, Print it	Crossroads Cafe	06/04/2014	http://www.meetup.com/Canon-San-Francisco/events/185653302/
4	The San Francisco Photography Meetup Group Monthly Meetup	Z Cafe & Bar	06/04/2014	http://www.meetup.com/photo-437/events/158036452/
5	AMPP June Meeting - Photo Contest Results	Waterfront Hotel	06/04/2014	http://www.meetup.com/AMPP-Meetings/events/186561882/
6	2014 VMA Showcase Awards Reception	The Pizza Place on Noriega	06/05/2014	http://www.meetup.com/Visual-Media-Events/events/186739472/
7	Pizza + Beer at The Pizza Place!	San Francisco City Hall	06/05/2014	http://www.meetup.com/Smart-and-Fun-Sunset-Married-Women/events/186207122/
8	40TH ANNIVERSARY CELEBRATION OF BEACH BLANKET BABYLON	The Uptown	06/06/2014	http://www.meetup.com/Bay-Area-Photography-Events/events/185905792/
9	FIRST FRIDAY, OAKLAND-- and Aiko Kobayashi's Open Studio	A Great Place for a Yard Sale	06/06/2014	http://www.meetup.com/Collectors-of-Guatemalan-Mexican-Indigenous-Textiles-Weaving/events/185982382/
10	Annual APS Yard Sale		06/07/2014	http://www.meetup.com/Alameda-Photographic-Society/events/185419662/

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Screenshot 6.1 Meetus – Clicking on register link redirects to event url

The screenshot shows a web browser window with the URL localhost:3000/meet/index. The page title is "World in my lens". Below the title is a navigation bar with links: Home, About, Shop, Personalized Gifts, MeetUs (highlighted in blue), Learn!, OurStoreLocations, Contact us. The main content area is titled "Meet us here...". It contains a table listing 10 events, identical to the one in the first screenshot.

No.	Event Name	Venue	Time	Register
1	Canon Explorer of Light, Lewis Kemper - Light, Composition and Color	Canon Live Learning San Francisco	06/03/2014	http://www.meetup.com/Canon-San-Francisco/events/184415642/
2	Portfolio Night & Runway Model Casting Call & Volunteer Open Call	Canon Live Learning San Francisco	06/04/2014	http://www.meetup.com/sanfranciscofashionindustry/events/186596492/
3	Portraits: Shoot it, Critique it, Print it	Crossroads Cafe	06/04/2014	http://www.meetup.com/Canon-San-Francisco/events/185653302/
4	The San Francisco Photography Meetup Group Monthly Meetup	Z Cafe & Bar	06/04/2014	http://www.meetup.com/photo-437/events/158036452/
5	AMPP June Meeting - Photo Contest Results	Waterfront Hotel	06/04/2014	http://www.meetup.com/AMPP-Meetings/events/186561882/
6	2014 VMA Showcase Awards Reception	The Pizza Place on Noriega	06/05/2014	http://www.meetup.com/Visual-Media-Events/events/186739472/
7	Pizza + Beer at The Pizza Place!	San Francisco City Hall	06/05/2014	http://www.meetup.com/Smart-and-Fun-Sunset-Married-Women/events/186207122/
8	40TH ANNIVERSARY CELEBRATION OF BEACH BLANKET BABYLON	The Uptown	06/06/2014	http://www.meetup.com/Bay-Area-Photography-Events/events/185905792/
9	FIRST FRIDAY, OAKLAND-- and Aiko Kobayashi's Open Studio	A Great Place for a Yard Sale	06/06/2014	http://www.meetup.com/Collectors-of-Guatemalan-Mexican-Indigenous-Textiles-Weaving/events/185982382/
10	Annual APS Yard Sale		06/07/2014	http://www.meetup.com/Alameda-Photographic-Society/events/185419662/

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Screenshot 6.2 Meetus – showing the Event URL

The screenshot shows a Meetup.com event page. At the top right is a purple "Join us!" button. Below it, a sidebar on the left displays the San Francisco, CA chapter's logo (a blue circle with "SFFI" and the Golden Gate Bridge), the chapter name, and stats: Founded Sep 27, 2009, 532 members, 6 reviews, 3 upcoming meetups, 141 past meetups, and a calendar icon. A "Tell a friend" and "Share" link are also present. The main content area features a large title: "Portfolio Night & Runway Model Casting Call & Volunteer Open Call". Below the title are event details: "Wednesday, June 4, 2014" and "5:30 PM to 8:30 PM". A note states "This location is shown only to members". There are four small images of people (two men and two women) in professional attire. To the right, a sidebar for "Want to go?" includes a "Join us!" button and a count of "5 going". It also features a "SFFAMA INC. CO-ORGANIZER EVENT HOST" section with a logo and a bio about the San Francisco Fashion and Merchants Alliance. A testimonial from "Reagan" is shown, along with a photo of her. The bottom of the page has a "Bring your portfolios. READ: Female Models must be 5'8" and..." note and a "6/3/2014 1:25 AM" timestamp.

Screenshot 7.0 : Learn!

The screenshot shows the homepage of "World in my lens". The header features the site's name in a large, stylized font. Below the header is a navigation bar with links: Home, About, Shop, Personalized Gifts, MeetUs, Learn!, OurStoreLocations, and Contact us. The main content area has a heading "Come Learn with Us!!!" followed by a "Upcoming Events:" section. This section contains a table with three rows:

Event Name	Date and Time
Flash photography	2014-06-04 15:00:00 -0700
Photography for beginners	2014-06-05 10:00:00 -0700
Summer 2013 Photo tour	2014-06-28 12:30:00 -0700

Below this is a "Past Events:" section with a similar table:

Event Name	Date and Time
Wildlife Photography	2014-06-02 11:00:00 -0700
Portrait Photography	2014-06-01 17:00:00 -0700
Night sky Photography	2014-05-30 22:00:00 -0700

At the bottom, there is a link "Click here to know more about our events" and a copyright notice: "©2014 Worldinmylens All rights reserved."



Screenshot 7.1: Learn! Click on Click here to know more about our events

Come Learn with Us!!!

Upcoming Events:

Event Name	Date and Time
Flash photography	2014-06-04 15:00:00 -0700
Photography for beginners	2014-06-05 10:00:00 -0700
Summer 2013 Photo tour	2014-06-28 12:30:00 -0700

Past Events:

Event Name	Date and Time
Wildlife Photography	2014-06-02 11:00:00 -0700
Portrait Photography	2014-06-01 17:00:00 -0700
Night sky Photography	2014-05-30 22:00:00 -0700

[Click here](#) to know more about our events

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Screenshot 7.2: Learn! Displaying the Facebook Worldinmylens page

You are posting, commenting, and liking as **Worldinmylens** — Change to Devg Silpa

Page Manager

Worldinmylens
Be the first person to like this

Like Worldinmylens
When you like a Page you'll start to see some of its updates in your news feed. It's also a great way to show your support.

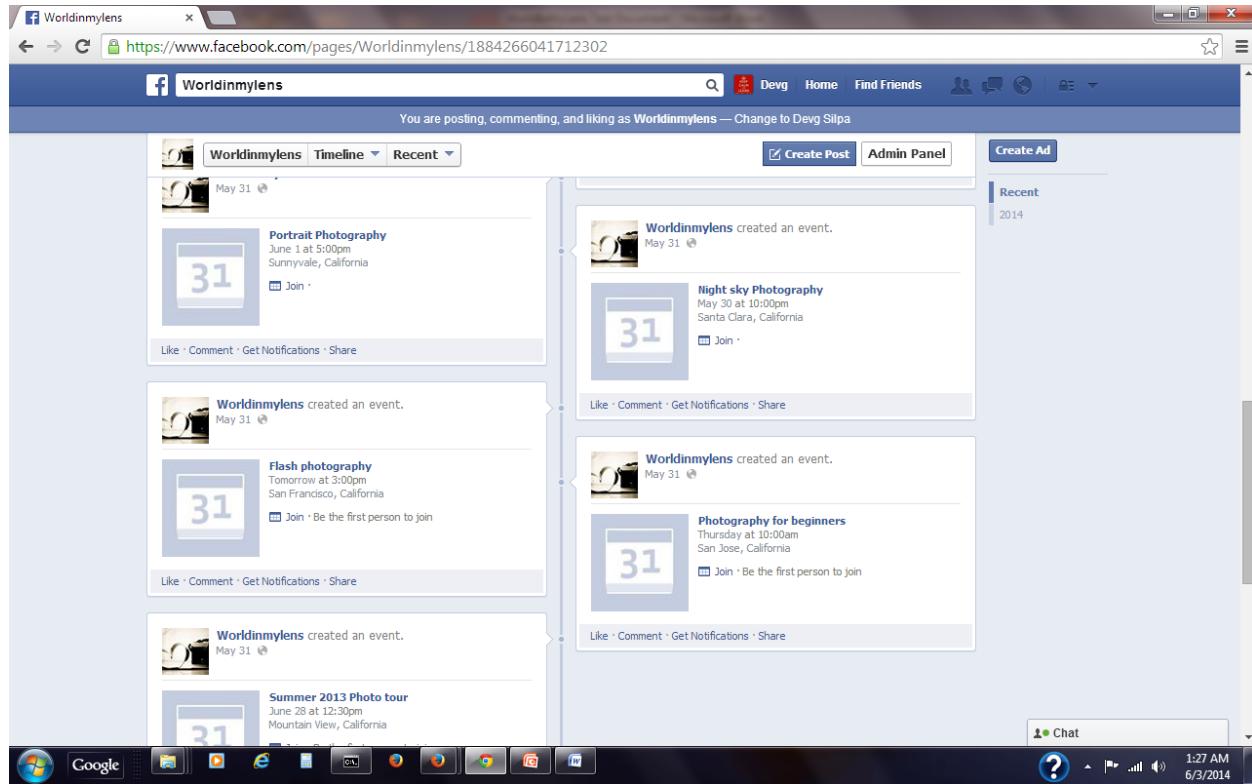
Photos Events

Highlights ▾

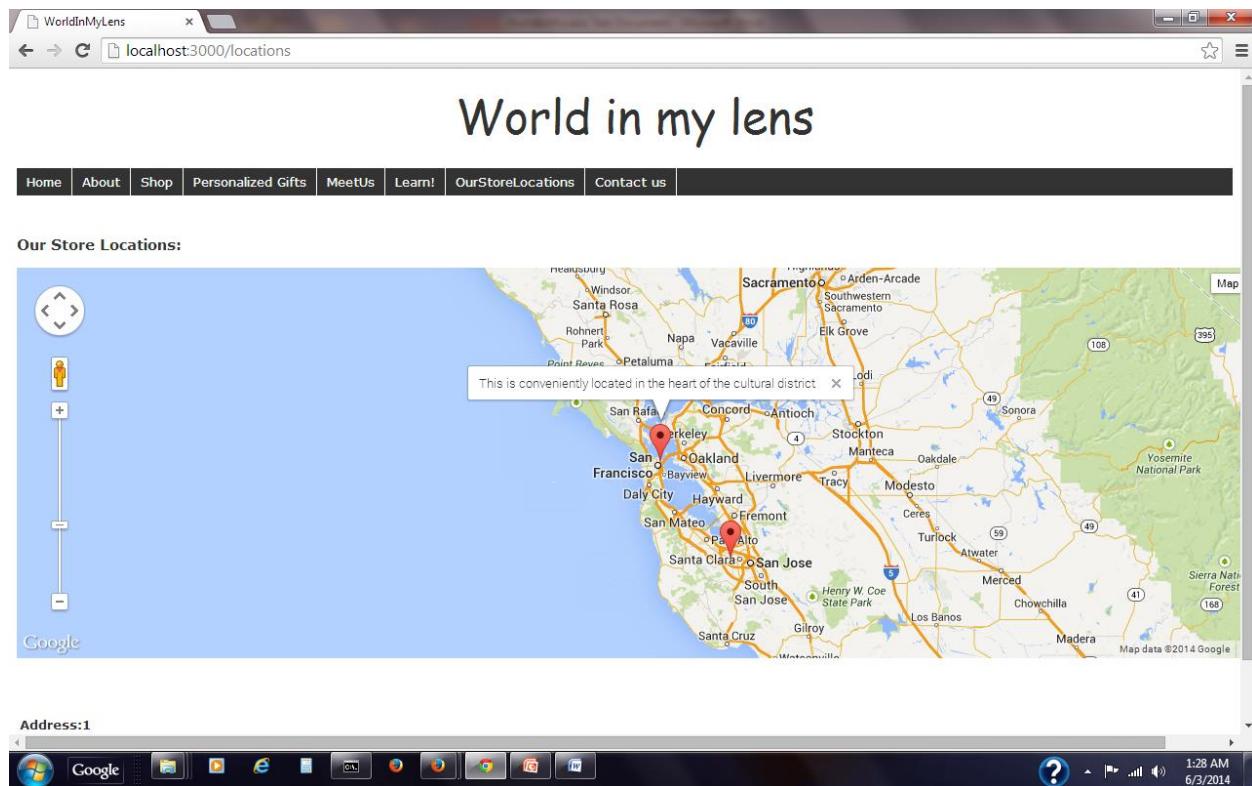
Status Photo / Video Event, Milestone + Chat

1:26 AM 6/3/2014

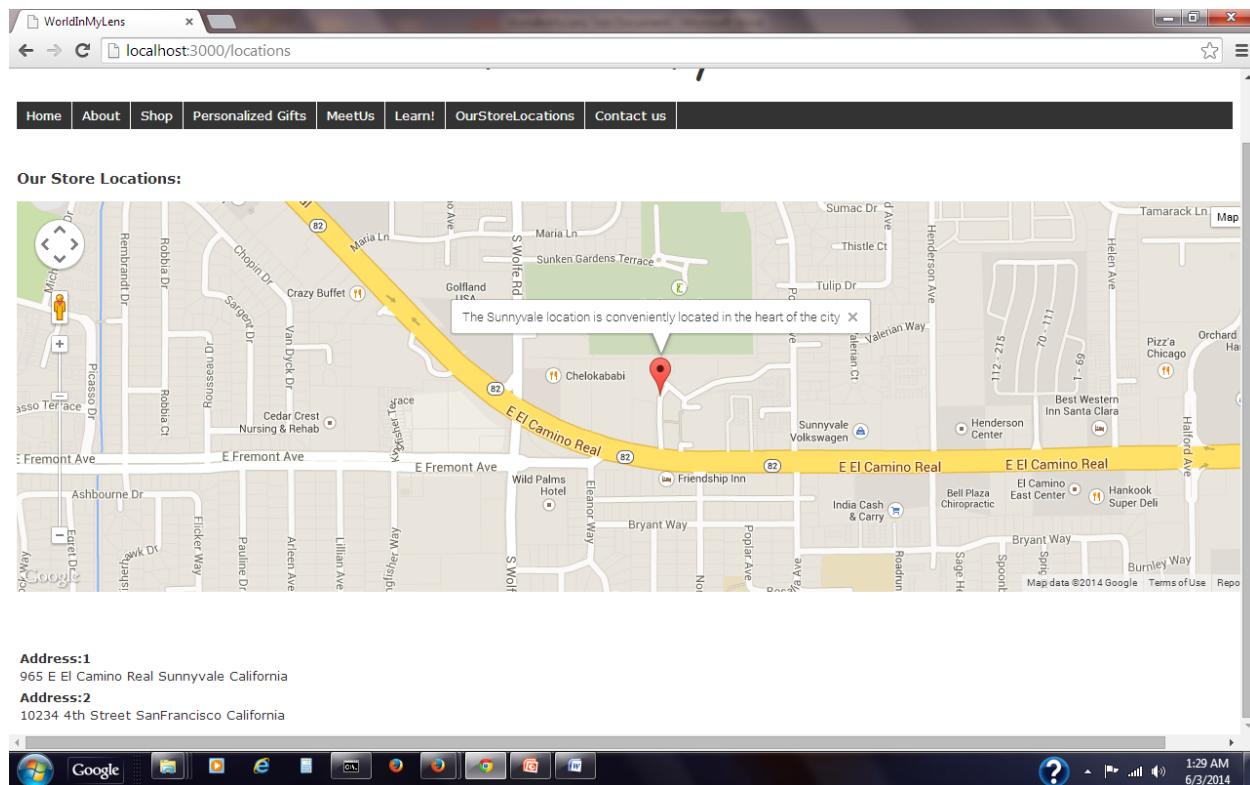
Screenshot 7.3: Learn! Displaying the Facebook Worldinmylens page Photography Events



Screenshot 8: Locations



Screenshot 8.1: Locations Displaying enlarged Sunnyvale store location with listing store addresses below



Screenshot 9.0: Contact us

The screenshot shows a web browser window with the title bar "WorldInMyLens" and the address bar "localhost:3000/contact/index". The page content includes a header "World in my lens", a navigation menu with links like Home, About, Shop, Personalized Gifts, MeetUs, Learn!, OurStoreLocations, and Contact us. Below the menu is a section titled "Contact Us" with instructions: "Complete the information below, and then click the 'Send' button to leave your message to us. Thank you." There are input fields for First Name, Last Name, Email address, and Your Phone. A larger text area labeled "Message:" contains a sample message. A "Send" button is at the bottom. At the bottom of the page, there are links for E-mail and Phone number, and a note: "A place to shop nice artwork without breaking your banks! Please note that we can produce more than what we have listed." and "Comments, questions, opinions? Contact us at info@worldinmylens.com Find us on Facebook: www.facebook.com/Worldinmylens". The browser taskbar at the bottom shows various open tabs and system icons.

Screenshot 9.1: Example of Customer filled in form before submitting

This screenshot is identical to Screenshot 9.1, but the "Message:" text area now contains a longer message from a customer named John Smith:

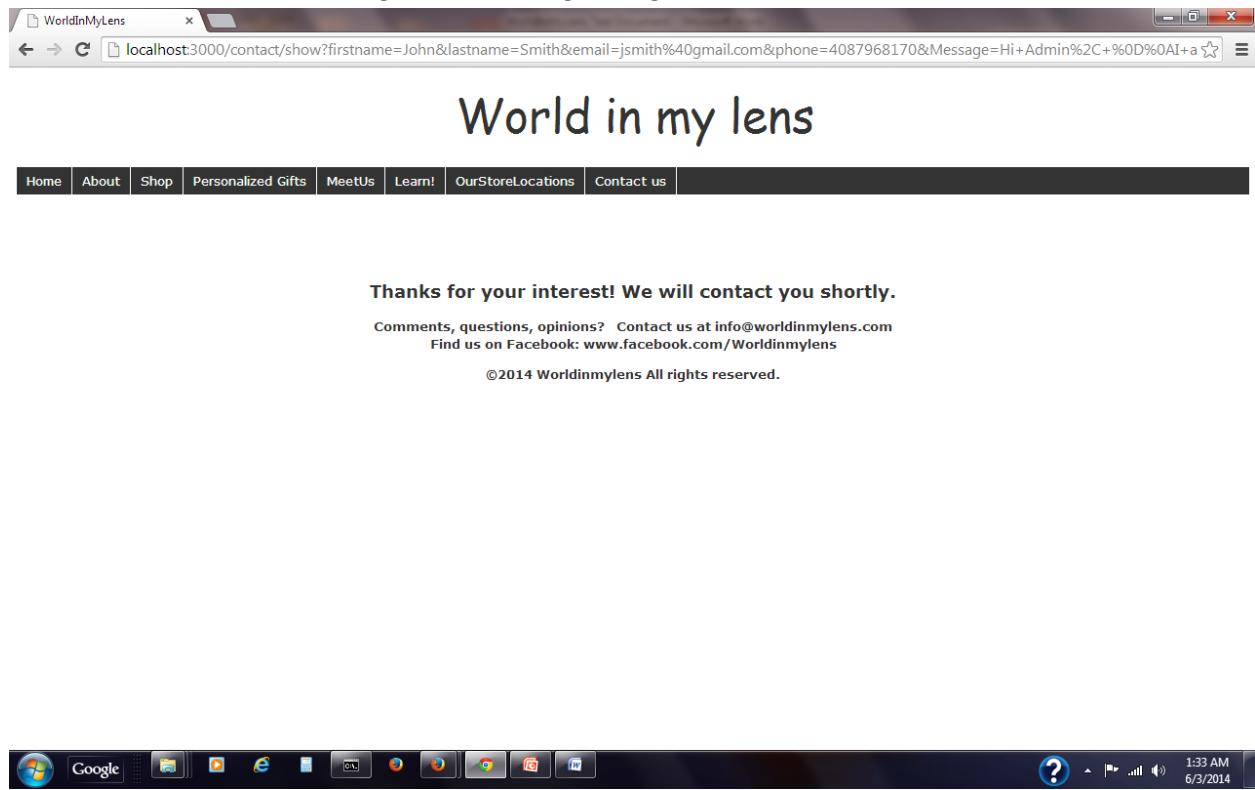
```

Hi Admin,
I am very much interested to purchase
the personalized Gifts from your
WorldInMyLens store. Can i get the
availability details.
Thanks,
John

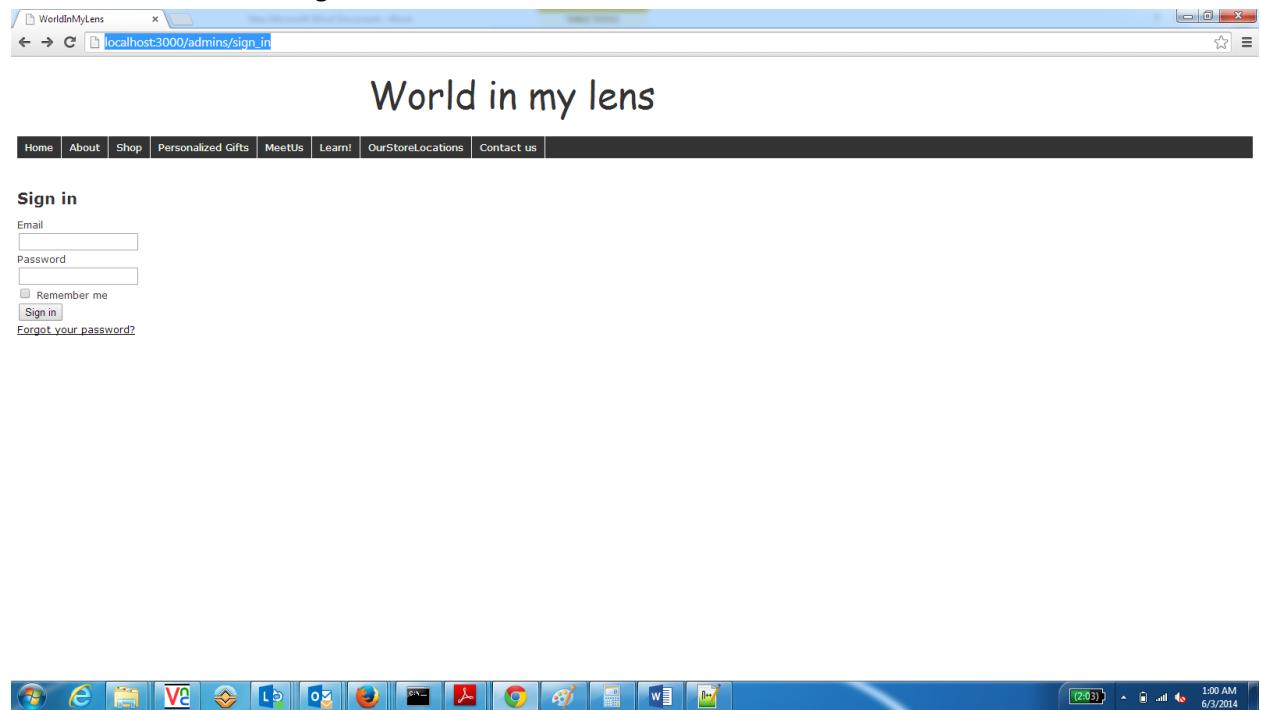
```

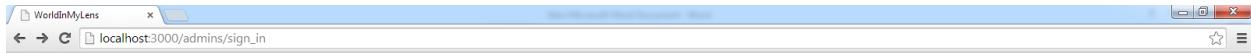
The rest of the page, including the header, menu, and footer, remains the same.

Screenshot 9.2: Success Message on contacting through contactus form



Screenshot .10: Admin Login



**Sign in**

Email
admin@wiml

Password

Remember me

[Forgot your password?](#)



Screenshot 11: List of posters

Title	Price	Description	Image_url	
Lovers at chi tou	30.0	This gicle print offers beautiful color accuracy on a high-quality paper (235 gsm) that is a great option for framing with its smooth, acid free surface	Love.jpg	Show Edit Destroy
Aspen trees in cocino forest	20.0	This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display	arizona.jpg	Show Edit Destroy
Elephant calf	32.99	This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display	elephant.jpg	Show Edit Destroy
White wooden fence	50.0	This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display	fence.jpg	Show Edit Destroy
Cocktail n roses	32.99	The detailed proofing process, standardized printing plates of offset lithography, this print reproduction maintains vivid colors, faithfulness to the original work of art	birds.jpg	Show Edit Destroy
The virgin of grapes	49.99	This gicle print offers beautiful color accuracy on a high-quality paper (235 gsm) that is a great option framing with its smooth, acid free surface	mother.jpg	Show Edit Destroy
Bay bridge at night	45.0	This fine art print is produced on Forest Stewardship Council certified paper, using post-consumer, sustainably sourced paper, soy-based inks	SFO.jpg	Show Edit Destroy
Grand Canyon	50.0	This photographic print is digitally printed on archival quality paper with vivid color and exceptional detail, suitable for museum or gallery display	grandcanyon.jpg	Show Edit Destroy
Twilight in central park	40.0	High-quality printing gives this fine art print its vivid and sharp appearance. Produced on medium weight cover stock, this art reproduction is coated with a silken finish that protects the inks and creates an elegant look.	Park.jpg	Show Edit Destroy

[New Poster](#)

Screenshot 12: List of orders

5. Challenges

- To modify the table:
 - 1) To add description

```
rails generate migration add_description_to_posters description:text
```

bundle exec rake db:migrate

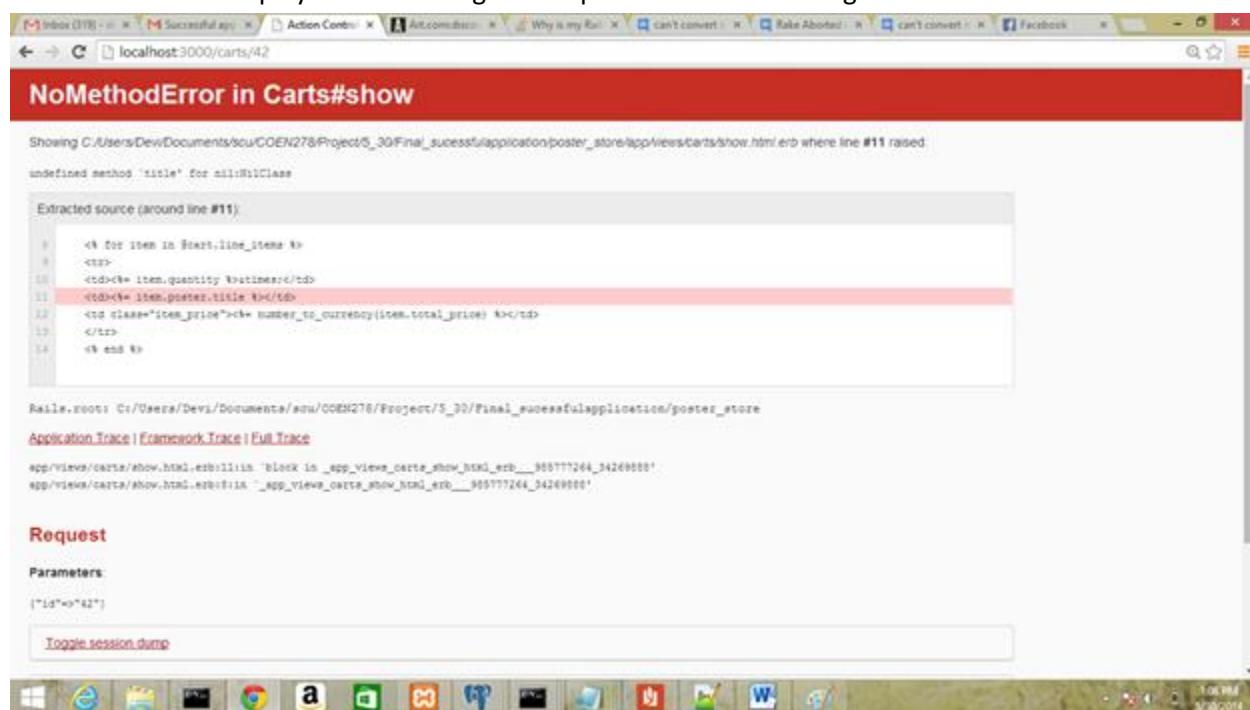
2) To add image:

rails generate migration add_image_url_to_posters image_url:string

bundle exec rake db:migrate

3) bundle exec rake db:seed

It will not display until the changes are updated in the following files



- 1) app\view_form.html.erb
- 2) app\view\index.html.erb
- 3) app\view\show.html.erb
- 4) app\controller\poster\poster_controller.rb -> update params

SSL error:

Change: add cacert.pem file to the C:\\railsinstaller folder

```

22 http.verify_mode = OpenSSL::SSL::VERIFY_NONE
23 http.use_ssl = true
24 http.cert = OpenSSL::X509::Certificate.new(File.read cacert_file)
25 request = Net::HTTP::Get.new(base_url)
26 response = http.request(request)
27
Rails.root: C:/Users/Devi/Documents/scu/COEN278/WebProgProject/copy on 5_31/5_31_0545pm/poster_store
Application Trace | Framework Trace | Full Trace
app/controllers/meet_controller.rb:24:in `read'
app/controllers/meet_controller.rb:24:in `index'

```

Request

Parameters:

None

[Toggle session dump](#)

[Toggle env dump](#)

Response

8:43 PM
5/31/2014

6. References

a. Devise gem

<https://github.com/plataformatec/devise> <http://rubyonrailshelp.wordpress.com/2014/01/03/creating-user-and-admin-model-using-devis-e-rails/> https://github.com/sferik/rails_admin/issues/1230

<http://stackoverflow.com/questions/10404469/devise-admin-logging-out-error>

b. Facebook graph

<http://isaacliu.info/site/blog/201009/ror-and-facebook-with-fb-graph.html>

c. Meetup

https://api.meetup.com/2/open_events.xml?zip=94101&topic=photo&text=photography&time=-,6w&key=4e7d6f2b1f6aaa774a2317781a5673

d. Googlemap

<http://www.youtube.com/watch?v=R0l-7en3dUw&feature=youtu.be>

<https://github.com/apneadiving/Google-Maps-for-Rails> <http://richonrails.com/articles/google-authentication-in-ruby-on-rails> <http://richonrails.com/articles/facebook-authentication-in-ruby-on-rails>