GIVE AWAY

SECOND INCREMENT REPORT

Submitted By:

Sashidhar Reddy Gowra 12428313

Yashwant Kumar Palisetty 16202251

Ravi Kanth Devanaboyina 16198171

Anudeep Reddy Gujjula 16190413

Objectives:

The prime objective of this iteration is to design few web pages, provide necessary validations for the web pages, write necessary java code using struts framework for the designed web pages and provide navigation between the User Registration Screen and User Login Screen.

Import Existing Services/API:

Google Maps API:

We have planned to use Google maps API for locating the location of user who wish to grab items from donor. This service is yet to be used in the mobile version as we are currently working on the desktop version of the application.

https://developers.google.com/maps/documentation/business/

Amazon Product Search API:

We are planning to use amazon item search API for searching for items whenever a student wants to look for items and want to search for it using the application.

http://docs.aws.amazon.com/AWSECommerceService/latest/DG/ItemSearch.html

Detail Design of Services:

- **User Stories(Scrum Do Screen Shots):**
  The following are the stories we have created in the scrum do:

Story #9

Summary
As a member of the project, Sashidhar wanted to write code for User Registration Screen

Detail
As a part of MVC desgin pattern, Sashidhar have to develop java code using struts framework for user Regsitration screen.

Assignee sashidhar87	**Creator** RavikanthD
Epic:	**Category:**
Points: ?	**Time Estimate:** 20 hours
Tags	**Iteration:** User Interface Design
Todo	Permalink

Attachments:
Upload File

Comments:
Add Comment

Tip: Click a field to edit

Close

Story #8

Summary
As a member of the project, I wanted to write code for Login Screen

Detail
As a part of MVC desgin pattern, I have to develop java code using struts framework for Login screen.

Assignee	Creator
RavikanthD	RavikanthD
Epic:	**Category:**
Points: ?	**Time Estimate:** 20 hours
Tags	**Iteration:** User Interface Design
Todo	Permalink

Attachments:
Upload File

Comments:
Add Comment

Tip: Click a field to edit

Close

Story #10

Summary
As a member of the project, Yashwant wanted to work on UI for Login Screen

Detail
As part of this iteration, Yashwant need to work on client side validations using jquery and javascript.

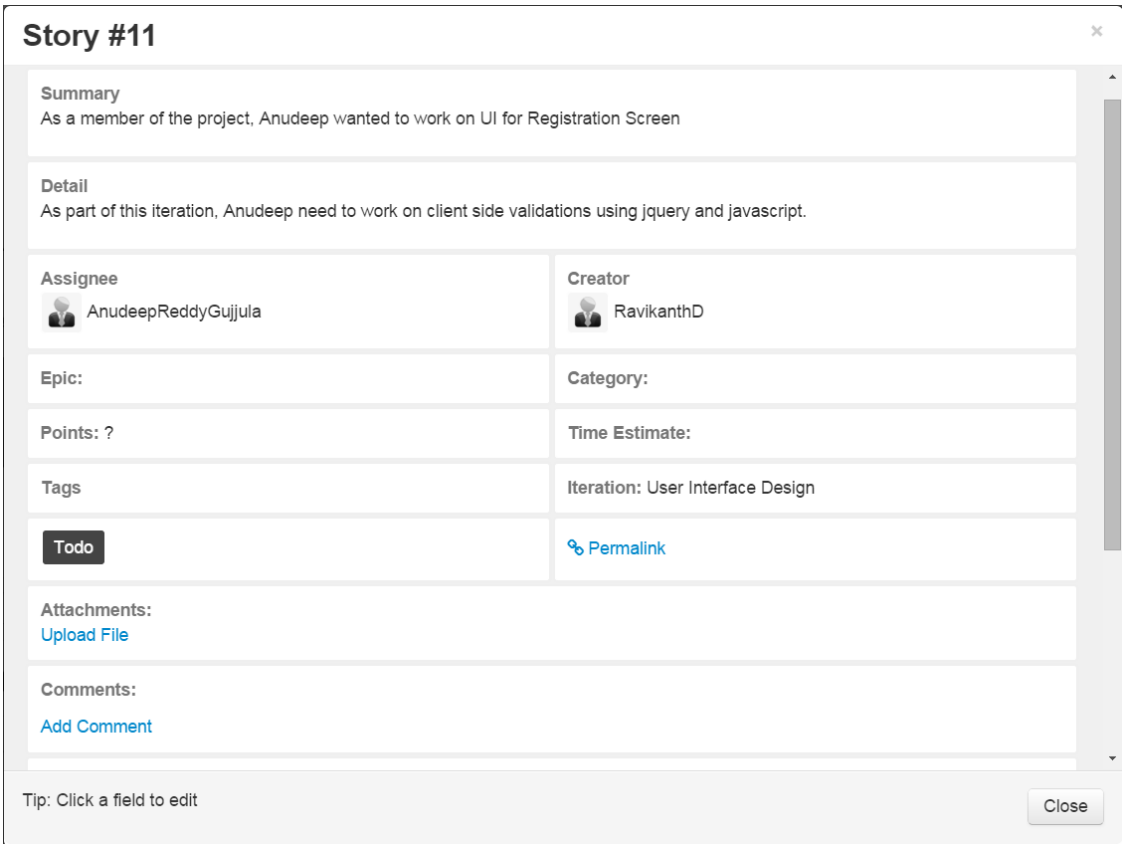
Assignee	Creator
Venkatarama Yashwant Kumar Palisetty	RavikanthD
Epic:	**Category:**
Points: ?	**Time Estimate:** 20 hours
Tags	**Iteration:** User Interface Design
Todo	Permalink

Attachments:
Upload File

Comments:
Add Comment

Tip: Click a field to edit

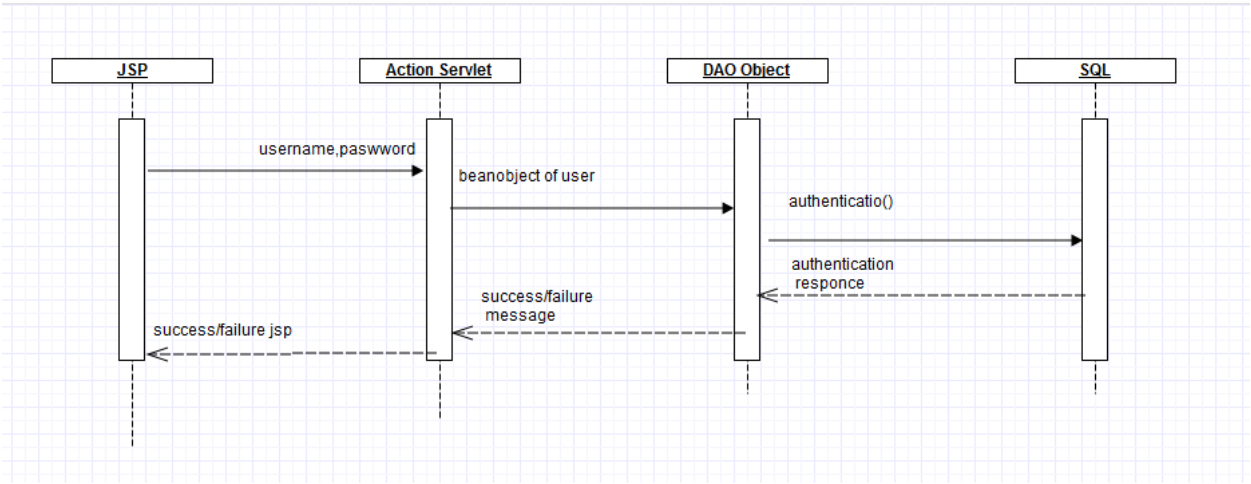
Close



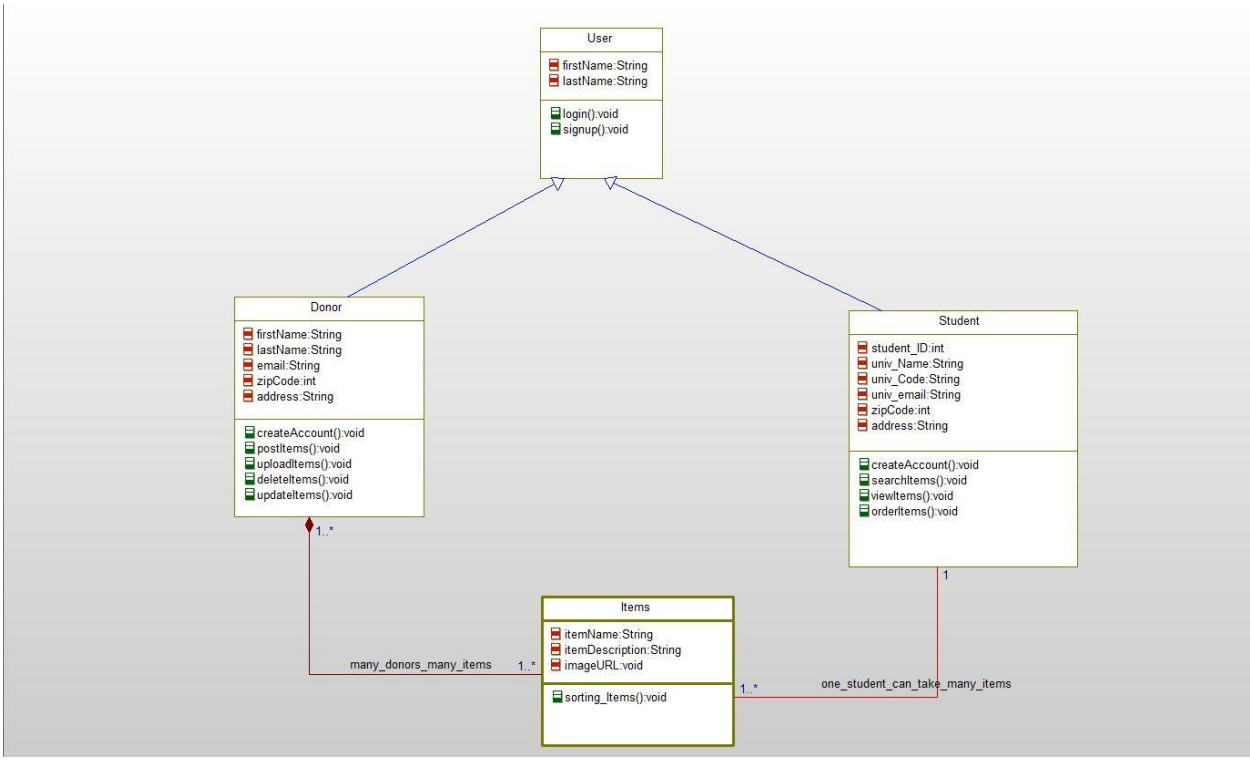
Service description:

We are have developed Registration and Login modules as part of second increment. We are using Oracle database to make the data persistent. We are planning to build a Restful service on top of it to store username and passwords and also to authenticate the users.

Sequence diagram:



Class diagram:



Design of User Interface:

- **Features:** The client will have the required UI pages to make a user login to the application look for items or even post some items for giveaway. Separate login for people who look donate items and people who look to grab items and also student verification for people who would like to grab items.
- **Styles:** As the application has many images of items which are posted in the application to donate, we need to use effective CSS styles to separate text and images and to make them fit to the screen without overlapping. Bootstrap gives an effective way CSS styling where we can maintain a single style sheet file and include all the style elements in that sheet with references.
- **Technologies:** For the UI screen design we would go with HTML5, JQuery as they provide some advanced features for UI design and scripting.

Design of Unit test cases:

Test Case Id	Module	Description	Expected Result	Status
1	Registration	Click signup button without entering user details.	Messaging showing mandatory fields required	**Pass**
2	Registration	Numeric in First name ,Last name	Message showing numeric are not accepted.	**Pass**

3	Registration	Entering different passwords in password and retype password fields.	Message showing passwords should be same	**Pass**
4	Login	Click on submit with blank username and passwords.	Message showing mandatory fields required	**Pass**
5	Login	Entering unregistered username and password.	Application should not allow to login .	**Pass**
6	Login	Entering a valid username and Password	System should allow the user to login and a welcome page should be displayed.	**Pass**

Implementation:

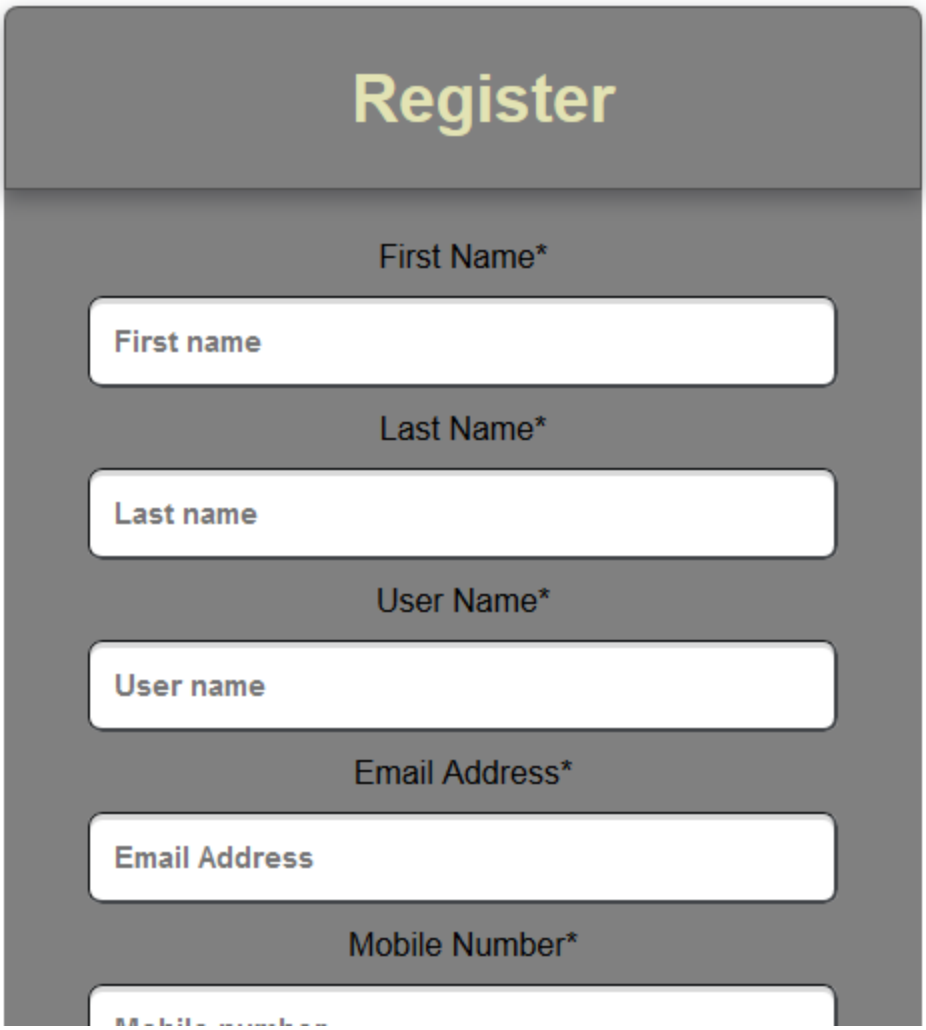
Implementation of Rest Services:

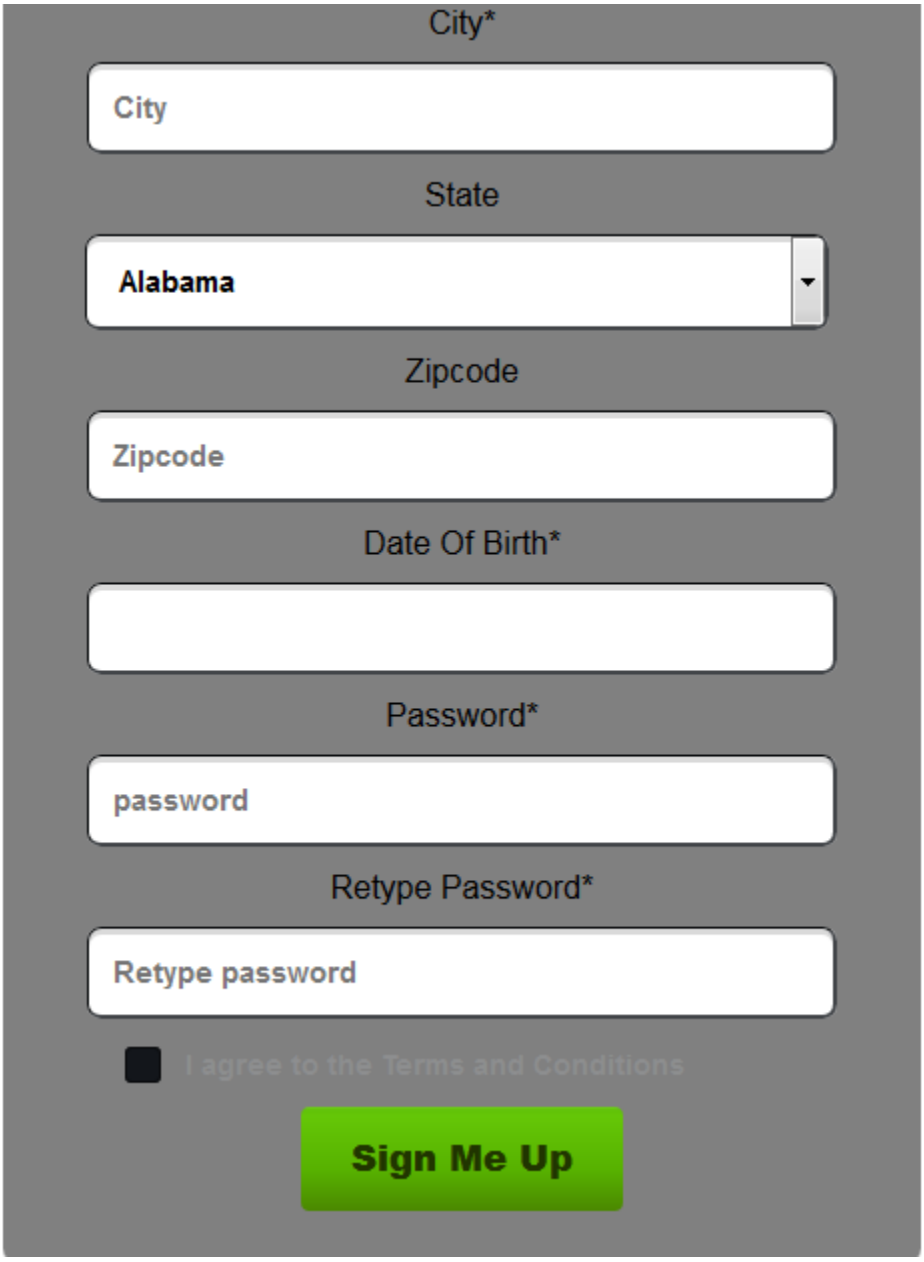
Right now we are working on Web Application and Rest services are yet to be implemented in the next increments.

Implementation of User Interface:

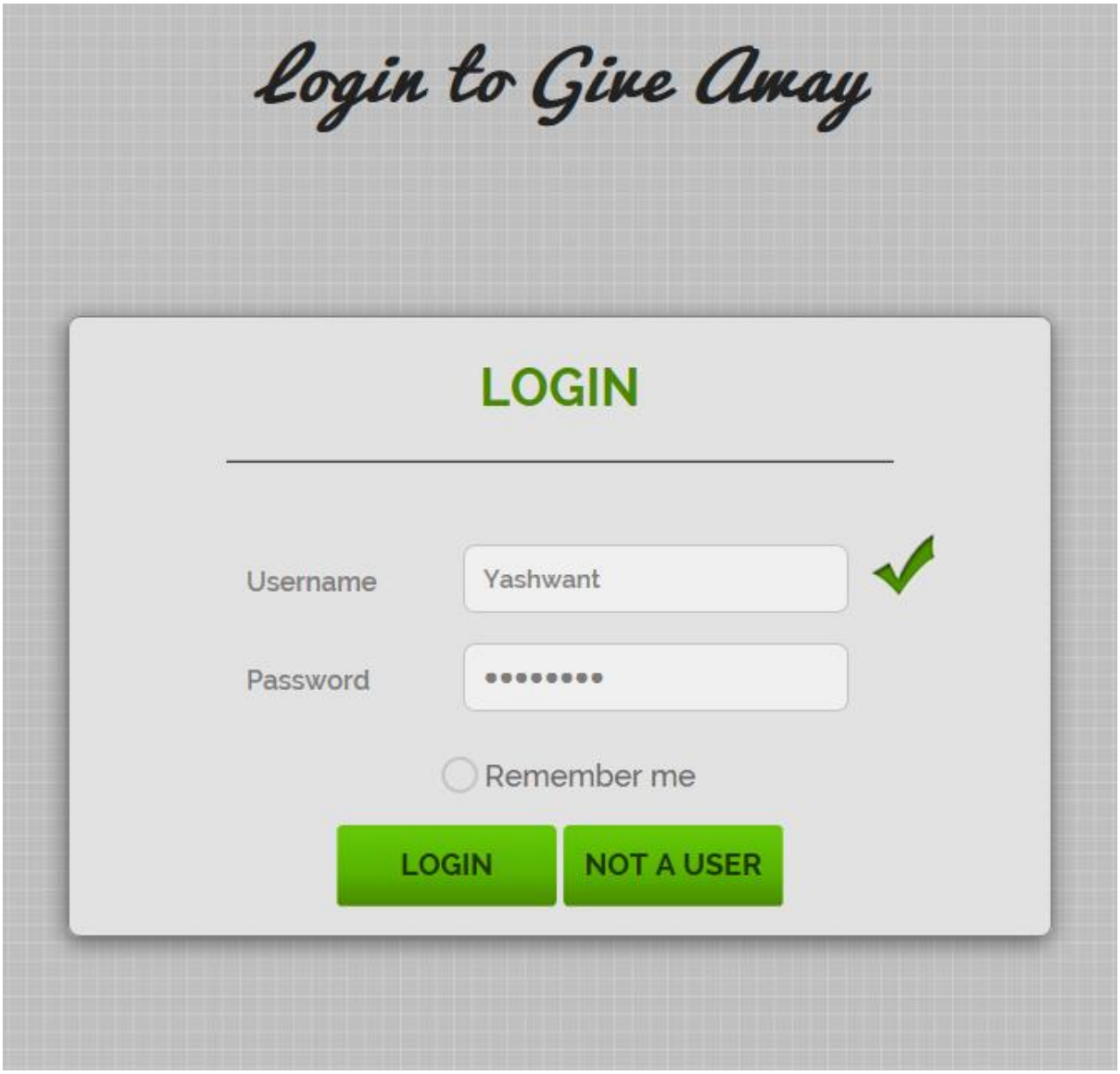
User Registration Screen:

Give Away Signup

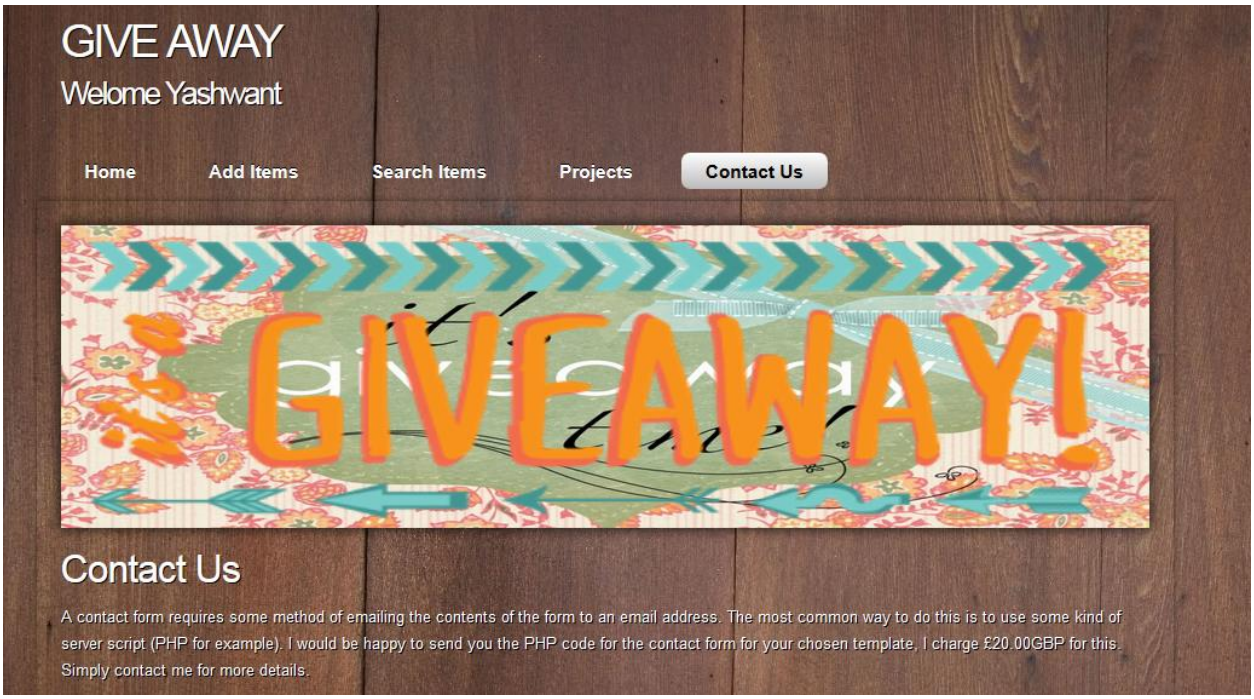



City*
City
State
Alabama
Zipcode
Zipcode
Date Of Birth*
Password*
password
Retype Password*
Retype password
I agree to the Terms and Conditions
Sign Me Up

Login Page:

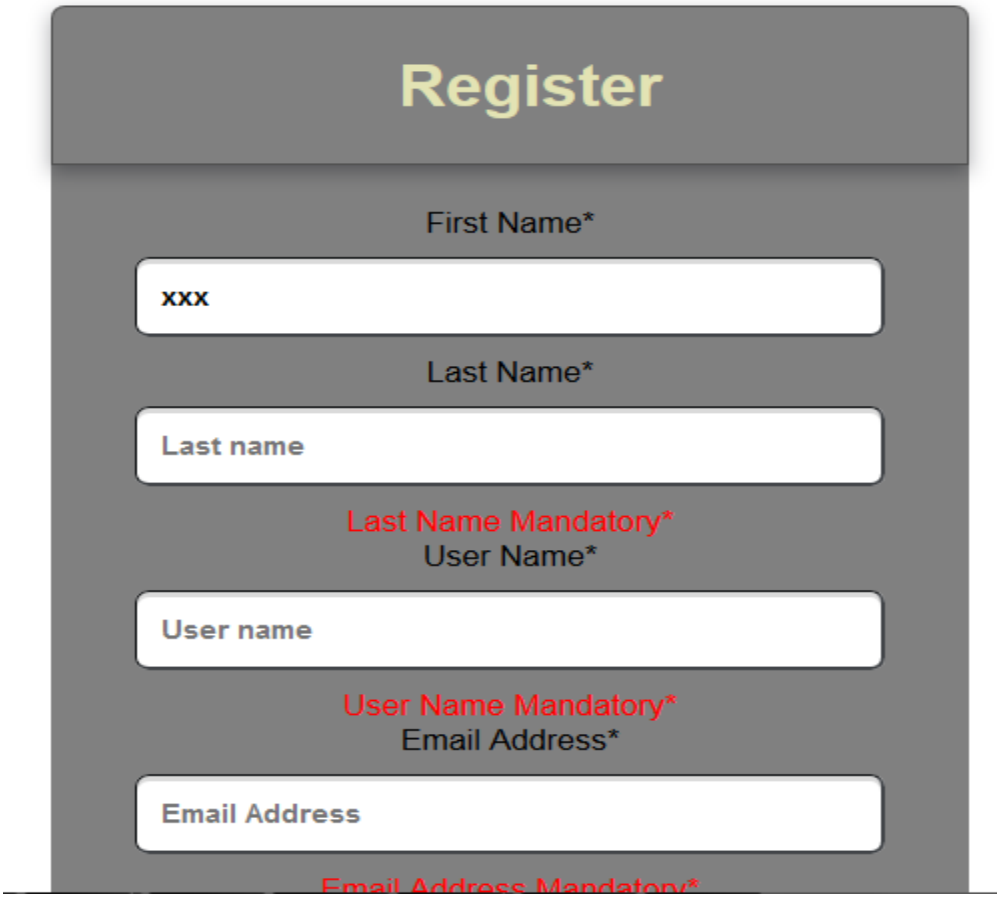

Login to Give Away
LOGIN
Username
Yashwant
Password
Remember me
LOGIN
NOT A USER

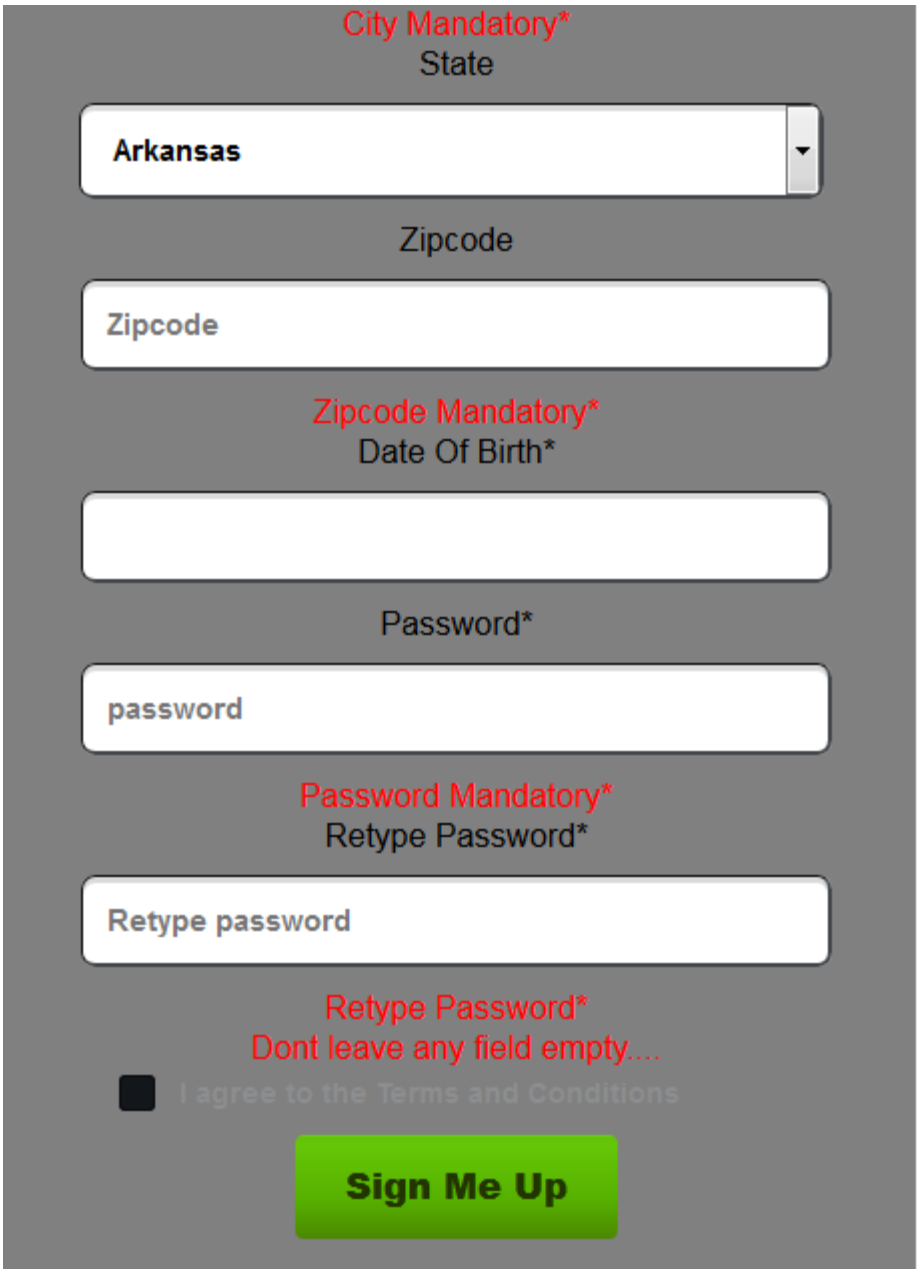
Home Page:



Implementation of Test Cases: Screenshots of client side validation Implementation.

Give Away Signup





Deployment:

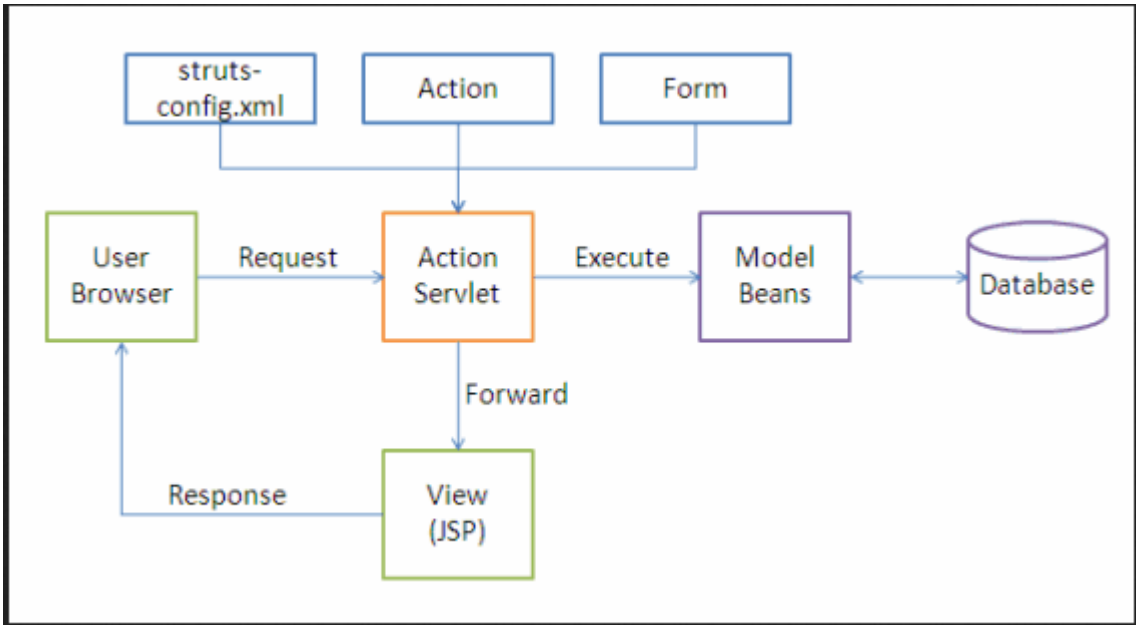
Project Scrum Do Link: **http://www.scrumdo.com/organization/giveaway/dashboard**

GitHub Link: **https://github.com/sashi987/ASE/tree/master/Increment2**

Report:

The Give Away application is being developed as web application using Struts2 framework on Java and Oracle data base for data storage and Jsp and javascipting and JQuery for User interface.

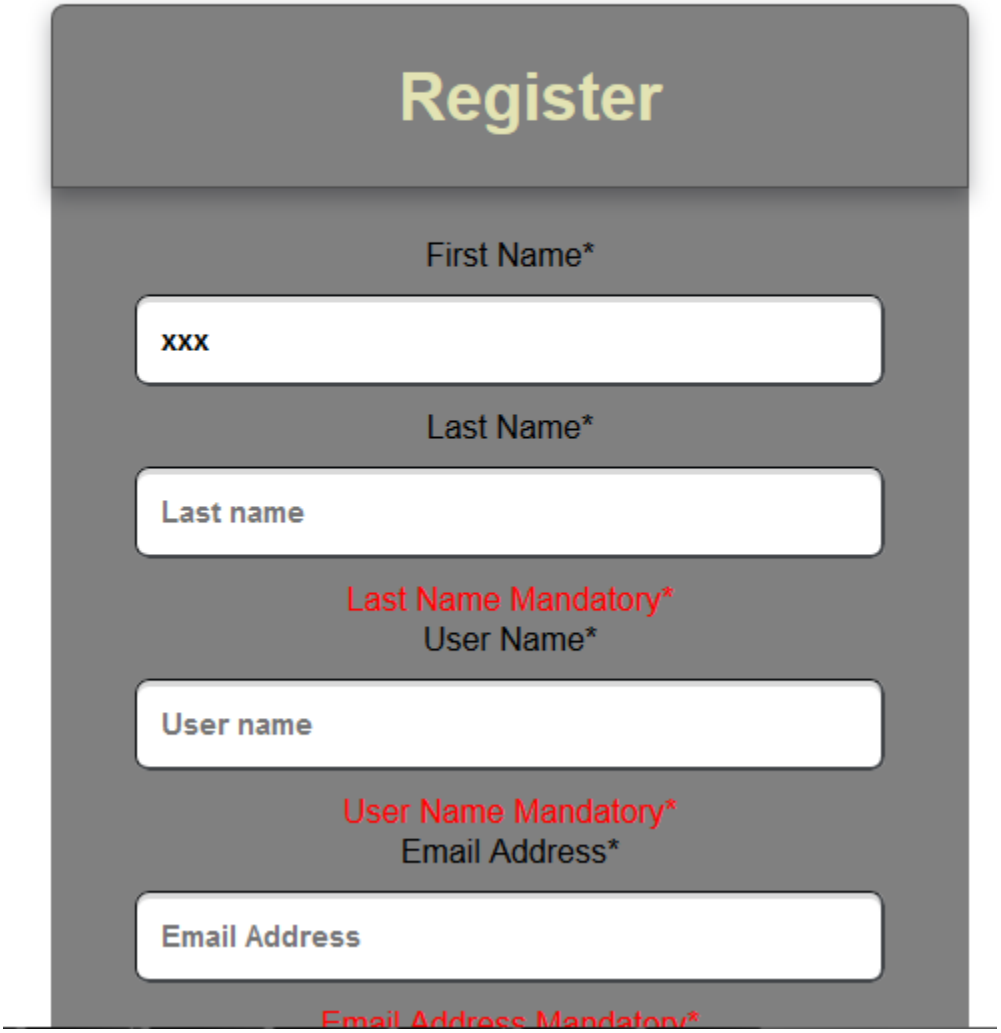
Struts Architecture:

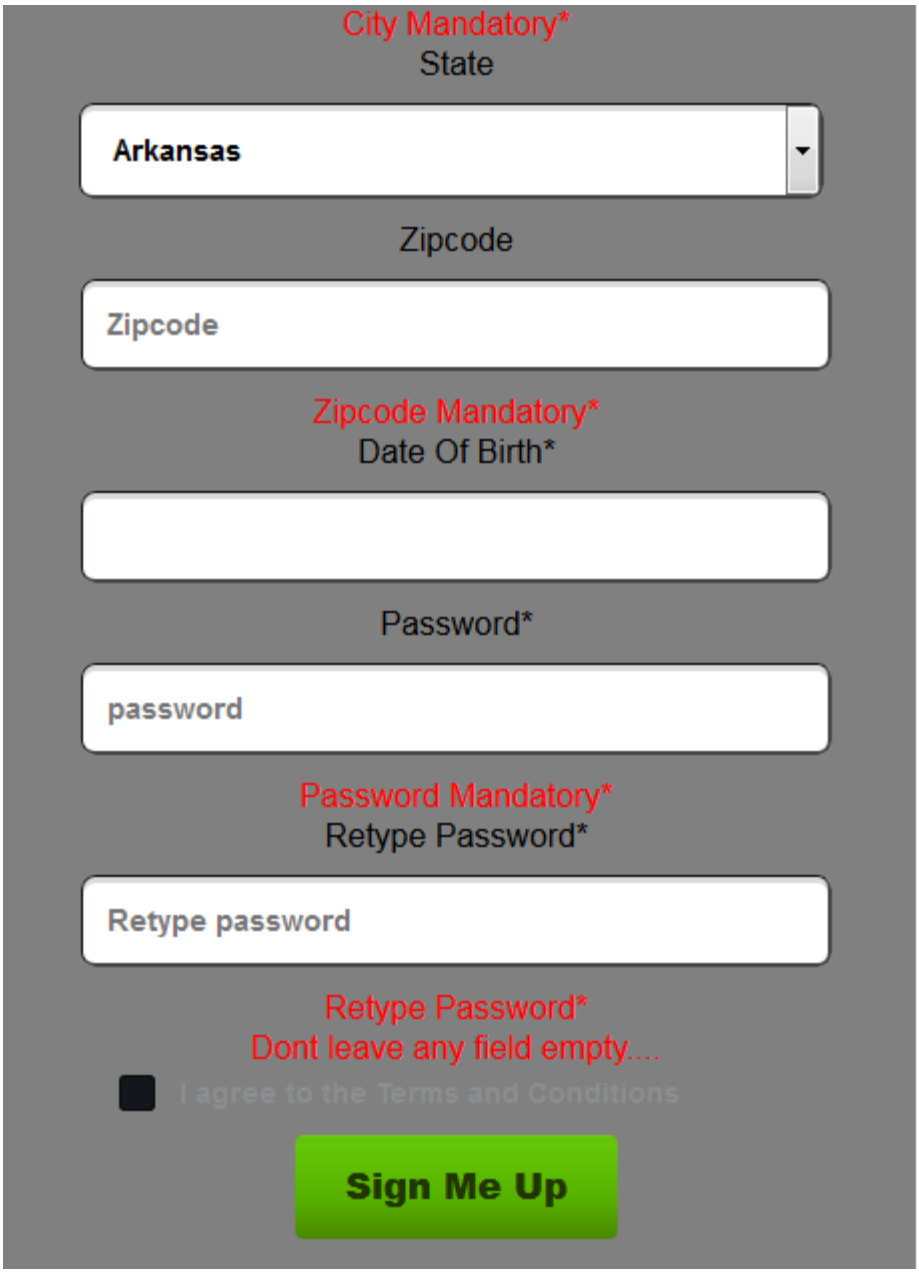


The following are the screens that we are using as part of our project,

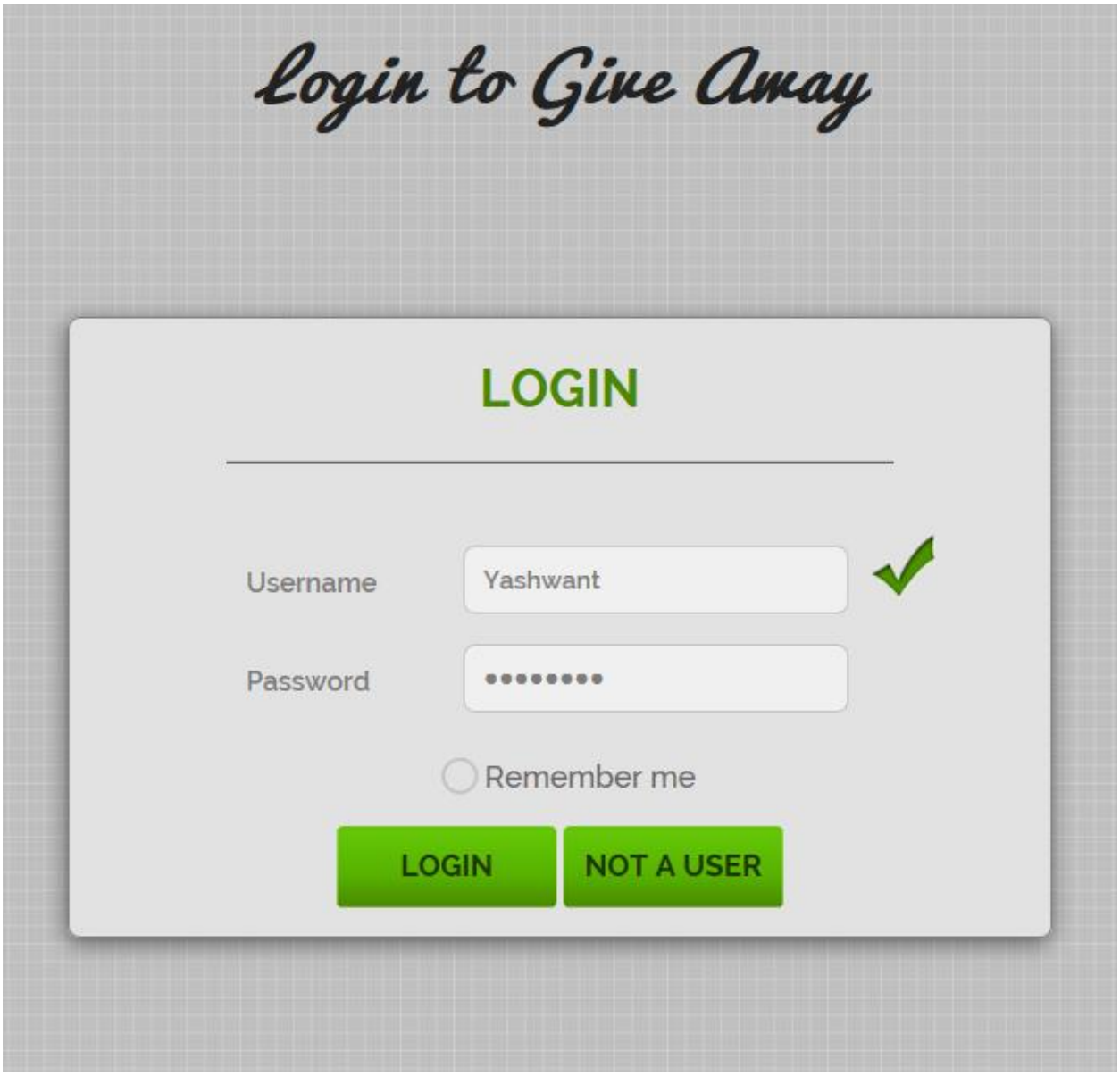
Registration Screen: Here in the registration page a user have to fill in the details like First name , Last name, Username . Email address, Mobile number. Date of birth, address, state. Zip code and a password for creating an account. All the fields are mandatory fields for user registration. Failure to fill any details will not allow the user to login.

Give Away Signup

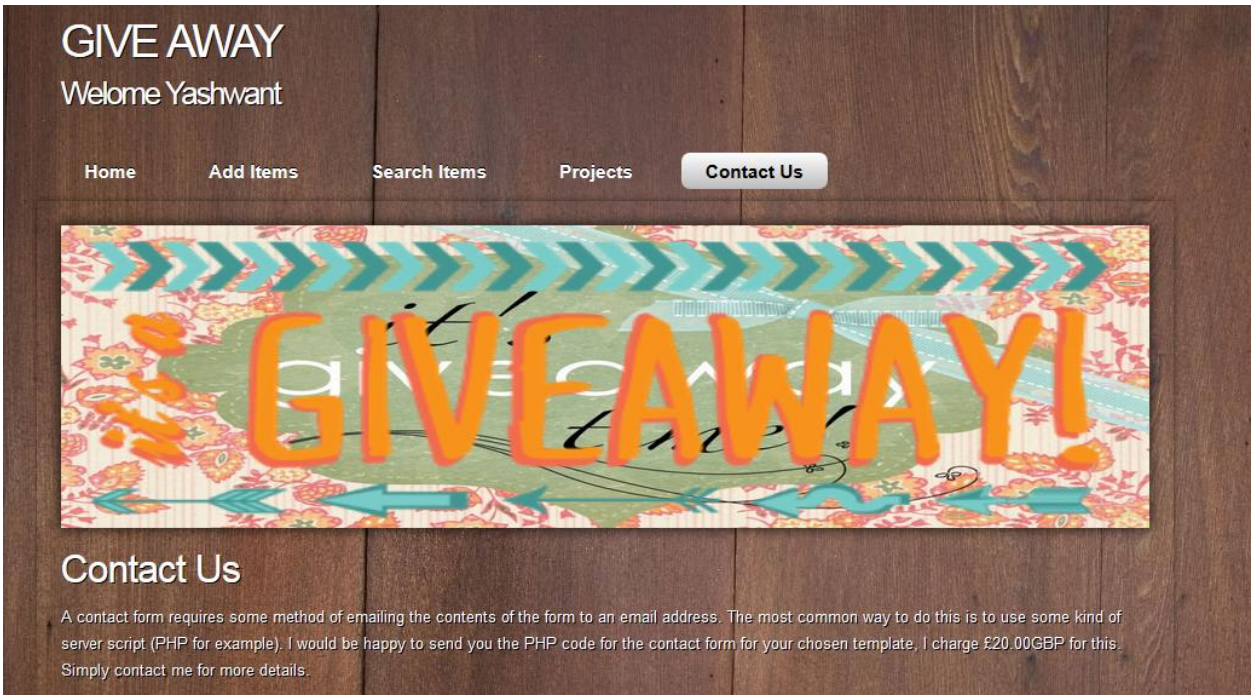




Login Screen: This is the Login page where the user can login to the application if he is registered user of the application. Here there will be two fields, username and password.



Home Page: This is the Landing Page for the application from where the user can navigate to various other screens depending on his requirement. The various tabs include Add Items, Search Items, and Contact Us.



Project Management:

https://www.scrumdo.com/projects/project/giveaway/iteration/121738/board

Implementation Status Report:

Work completed: Registration and Login Module for Users.

- Description: In the UI part screens like user login page, user registration page, home page, rpage have designed and with certain CSS styles and required JavaScript functions for client side validation. Connecting the pages with struts framework and successfully registering the users and assigning them username and passwords for login.
- Responsibility (Task, Person):
  Sashidhar Reddy Gowra-Developed java code on struts framework to connect to Oracle database and store registration details of the users, registering with the application.
  Yashwanth Palisetty: UI Screen Design and client side javascript validations for registration and home Pages.
  Ravikanth Devaboina: Developed java code for login module by connecting to Oracle database with the DAO layer.
  Anudeep Reddy Gujjula: UI Screen Design and client side validations for Login page.
- Time taken (#hours): UI Design and Client Validations: 20 hrs Java code on struts: 24 hrs.
- Contributions (members/percentage): Sashidhar Reddy Gowra 25%, Yashwanth Palisetty 25%, Ravikanth Devaboina 25%, Anudeep Reddy Gujjula 25%.

Work to be completed

- Description: Creating web services to get the data from Database, Using the already existing Google maps API for sharing the address location of a user, Unit Testing, System Testing, Testing the application on Android Devices
- Responsibility (Task, Person):
  Creating Web services, Hash Functions: Sashidhar Reddy Gowra, Ravikanth Devaboina.

Populating screens, UI alignments: Yashwanth Palisetty, Anudeep Reddy Gujjula.

- Time to be taken (estimated #hours) 150 hrs.
- Issues/Concerns: Creating RESTfull Web services, Creating hash functions for password hiding, Android devices screen alignments.