**Events Module**

It is a basic module for managing events on the site. Admin can manage all the events from admin and events can be published at frontend. Customers can go through event details and can attend that event.

Existing Module

Events Module is an existing module and available at magento connect.

Limitations

There were very few basic details available in existing module for an event. There were no feature to add more details in the event.

Customization Done

We have used this module as a reference for learning module development in magento. We have customized this module by adding some more details in Add Event functionality. This module is used for further module development in magento.

Tasks implemented

* In the add event functionality we have added four new fields : Category, Entry fee, Contact details and End date.
* Admin can see these fields in the events listing and update section.
* On frontend earlier this module was working for default theme only. We have did some changes to make it working for 'rwd' theme as well.
* New fields are also added on frontend for events listing and detail pages.
* Google map is added on the Event detail page which show the location of event in the map.

**User Survey Module**

This module is developed from scratch. In this module admin can manage survey forms. While creating a new survey form admin can select questions using checkbox admin wants to add in the form. Once a form is created customer can view this form on frontend and give feedback on the questions available in the form. Admin can view all the feedbacks from different customers for a selected form.

Limitations

Currently there is no management for questions which are listed while creating a form. Feedback from customers for a form is only single type 'Text'. On frontend a block should be created to display the form instead of listing all the forms.

Tasks implemented

* New Module is developed from scratch for it.
* New Top Menu is created in admin for survey module.
* Survey Form Listing is created in the module.
* Add new survey form functionality is created in this module. Admin can select questions from list which can be shown for this form on frontend.
* Update existing form functionality is created for survey form.
* Listing for Customers who have given feedback on the forms is created in admin.
* View the feedback details for a particular form given based on customer in admin is created.

Further Enhancements

Team will work on the above mention limitations of this module.

**Customization in User Module**

In the default signup process there are only three fields name, email and password. In Magento Community addition by default there is no feature to enhance it. While trying to enhance this functionality by adding more details we found an extension 'Clarion\_Customerattribute' available for it. This extension was working properly in default module.

Existing Module

Clarion\_Customerattribute is an existing module and available at magento connect.

SSTech\_Profileimage is an existing module and available at magento connect.

Limitations

There was no option to add image type custom attribute for customers in this module.

Tasks implemented

* We analyzed the existing User Module. During this we analyzed to customize User Module we need to create a custom module because we can't make changes in the Magento core library files.
* We installed existing module for reference but it was not working in our theme.
* We make changes in the existing module and make it working for both default and new theme.
* To add profile image for customer we used profileimage module. We customized the profileimage module to work in parallel with custom attribute module.

Further Enhancements

Team will work merge these to existing modules in a single module. So that above mentioned limitation can be overcome.

**Login through Social Media**

To login in the application by using facebook and gmail credentials this module is used. Admin can configure the application details for facebook and gmail in admin. Customer can choose facebook or gmail on frontend to login instead of new registration in the application.

Existing Module

Gomage-social-connector Module is an existing module and available at magento connect.

Limitations

Login through gmail was not working.

Tasks implemented

* Removed the non-required features from the module in admin.
* Make some customization for the new theme.
* Need to fix Login through gmail issue.