

# Facebook Integration

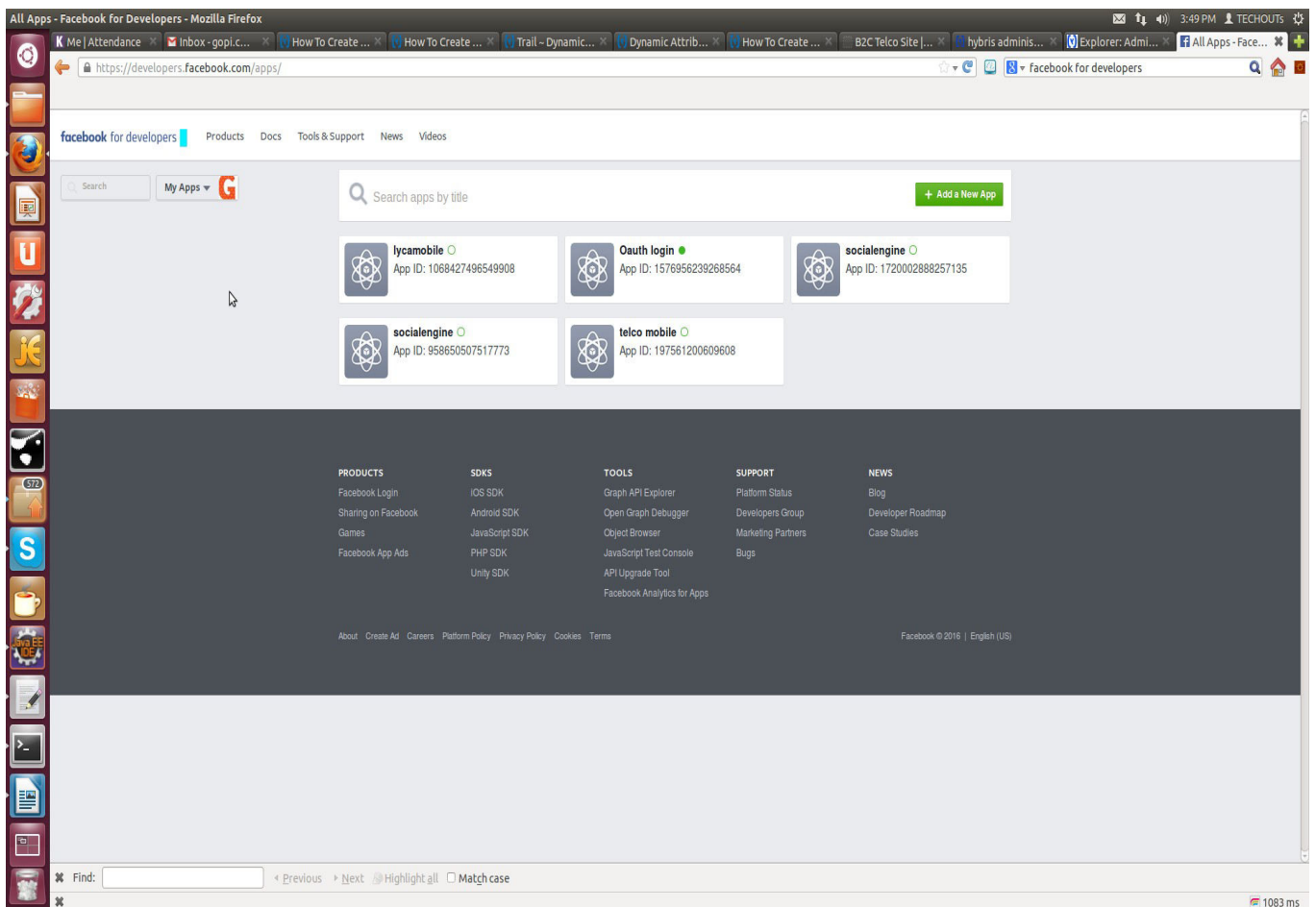
## Registering an Application with Facebook

You perform these steps in your web browser on Facebook.com

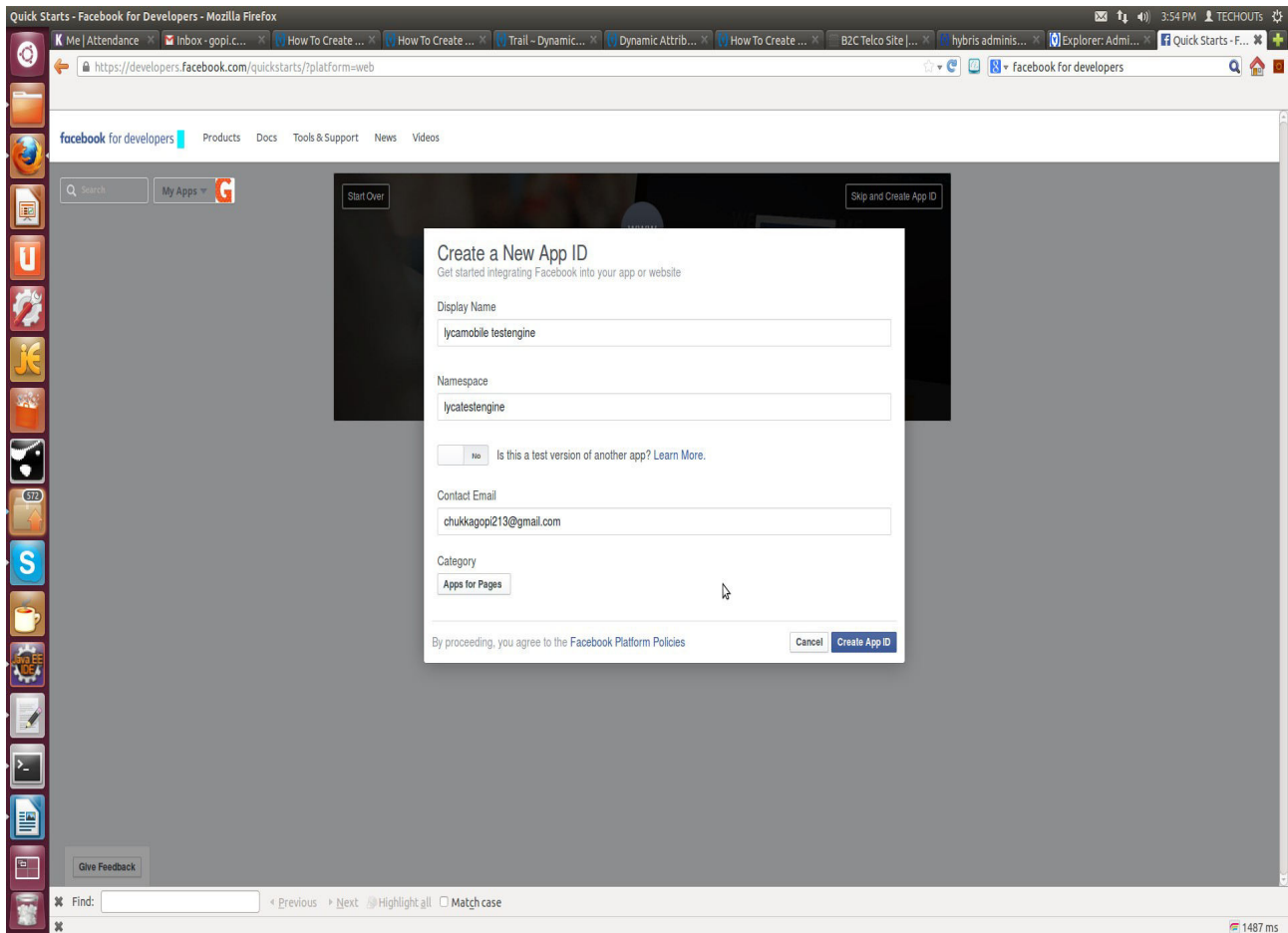
## Become a Facebook developer

If you do not already have an account with Facebook, go to <http://facebook.com> and register.

Then go to <http://developers.facebook.com>, and click Register Now button at the top of the page.

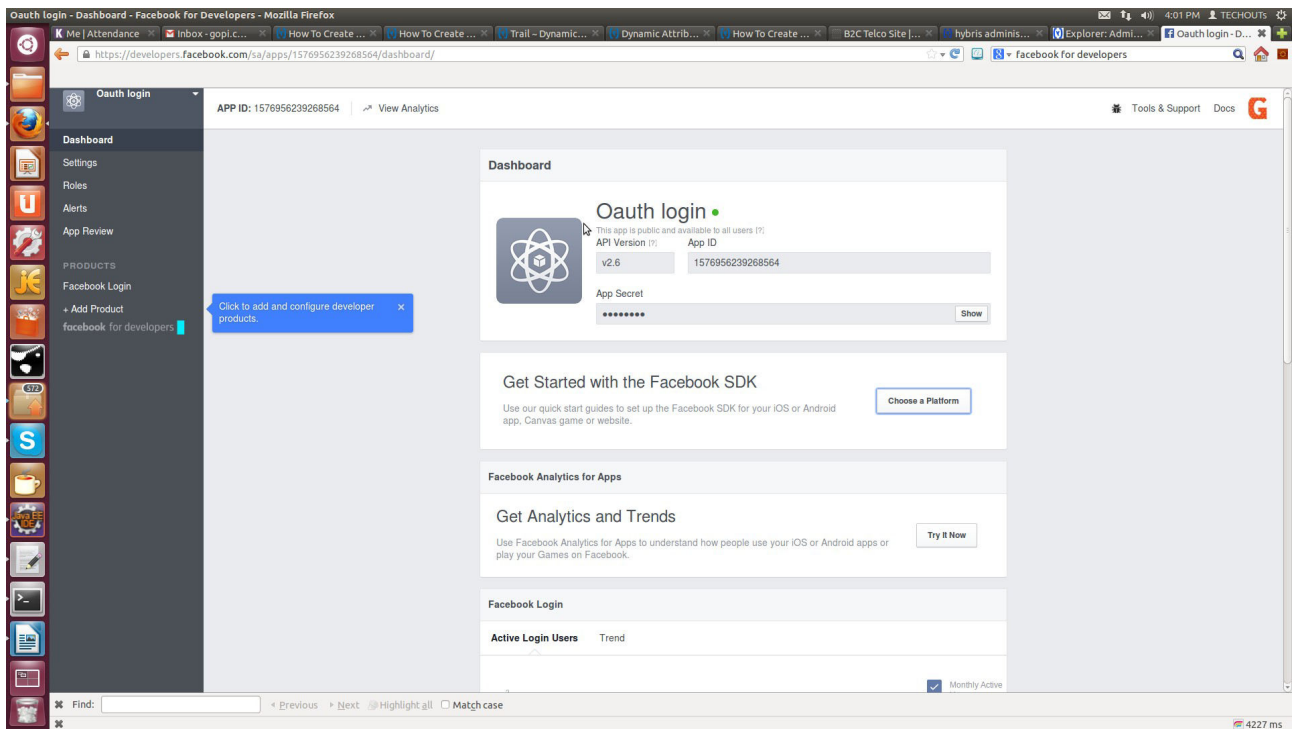


Click on add new app button and select website



fill the details and click create application button.

And goto the dashboard and check ur app-id and app-secret code and version like below



MyApps -lycamobile(app name)-settings

From the application settings page, you can configure various details about your application. The choices you make here depend on what kind of application you plan to build and what you want your application to do.

The main thing to note from the application settings page is the **App ID** and **App Secret** near the top. These values are your application's credentials to Facebook. You need these credentials to do almost anything with Facebook, including going through the OAuth authorization flow and working with Facebook's Graph API.

**Note:** This functionality is same like in Filpkart .Observe the how the filpkart login with Facebook before doing this task

## Building Login Functionality

Go to Developer Dash Board In facebook developer page —Choose Platform—Click webSite(www)

Copy the default code--

Apply the Below code Which page you want Login Functionality .Add the bellow code to your jsp or tag file Where you want **LoginwithFacbook** Button

**xxx.Tag or xxx.jsp**

```
<fb:login-button scope="public_profile,email"
onlogin="sendDataToServer();">Login With Facebook
</fb:login-button>
```

Write Js file for the Above Button

**loginwithfacebook.js**

```
window.fbAsyncInit = function() {
    FB.init({
        appId      : '970798776336299',
        xfbml      : true,
        version     : 'v2.6'
    });
};

(function(d, s, id){
    var js, fjs = d.getElementsByTagName(s)[0];
    if (d.getElementById(id)) {return;}
    js = d.createElement(s); js.id = id;
    js.src = "//connect.facebook.net/en_US/sdk.js";
    fjs.parentNode.insertBefore(js, fjs);
}(document, 'script', 'facebook-jssdk'));

function sendDataToServer()
{
    FB.getLoginStatus(function(response) {
        if (response.status === 'connected') {
            // connected
            replace_login();
        } else if (response.status === 'not_authorized') {

        } else {
            // not_logged_in
        }
    });
}

function replace_login(){
```

```

    FB.api('/me?
fields=name,first_name,last_name,email,gender',function(response)
{

    if(undefined==response.email)
    {
        alert('sorry unable to login with facebook');
    }
    else
    {

        $.ajax({
            type : "POST",
            url : "facebook/facebooklogin",
            data :
{firstName:response.first_name,lastName:response.last_name,gender:
response.gender,email:response.email},
            success : function(data) {

                if(data=="login")
                {
                    alert('user already resgisd use
password to login ');
                    $
('#j_username').val(""+response.email);

                }else
                {
                    $
('#j_username').val(response.email);
                    alert("please enter password to set
");

                    $('#loginfb').click(function (e) {

                        var password=$('#j_password').val();
                        alert("the value of
password"+password);

                        e.preventDefault(); //
<----- stop default behaviour of button
                        var element = this;
                        $.ajax({
                            url:
"facebook/facebooklogin",

                            type: "POST",
                            data:
{firstName:response.first_name,lastName:response.last_name,gender:
response.gender,email:response.email,password:password},
                            traditional: true,
                            success: function (data) {
                                if (data == "Success") {
                                    alert("Done");
                                    $

```

```

(element).closest("form").submit(); //<----- submit form
                                } else {
                                    alert("Error occurs
on the Database level!");
                                }
                                },
                                error: function () {
                                    alert("An error has
occured!!!");
                                }
                                });
                                });

                                /*document.location="https://b2ctelc
o.local:9002/lycamobilestorefront/b2ctelco/en"+data;*/
                                }

                                },
                                error : function(e) {
                                    console.log("ERROR: ", e);
                                    display(e);
                                }

                                }); //end ajax
                                }

                                });
                                }
                                $('#logout').click( function() {
                                    FB.logout();
                                });

```

## Create FaceBookAccountController

### FaceBookAccountController.java

```

/**
 *
 */
package com.lycamobile.storefront.facebook.controller;

import
de.hybris.platform.acceleratorstorefrontcommons.controllers.pages.
AbstractRegisterPageController;
import
de.hybris.platform.cms2.exceptions.CMSItemNotFoundException;
import de.hybris.platform.cms2.model.pages.AbstractPageModel;
import de.hybris.platform.commercefacades.user.data.RegisterData;
import

```

```

de.hybris.platform.commerceservices.customer.DuplicateUidException
;
import de.hybris.platform.core.model.user.UserModel;
import de.hybris.platform.servicelayer.user.UserService;

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

import org.apache.log4j.Logger;
import org.springframework.beans.factory.annotation.Autowired;
import
org.springframework.security.web.savedrequest.HttpSessionRequestCa
che;
import org.springframework.stereotype.Controller;
import org.springframework.ui.Model;
import org.springframework.web.bind.annotation.RequestMapping;
import org.springframework.web.bind.annotation.RequestMethod;
import org.springframework.web.bind.annotation.ResponseBody;

import com.lycamobile.storefront.controllers.ControllerConstants;

/**
 * @author jagadish
 *
 */
@Controller
@RequestMapping(value = "/facebook")
public class FacebookAccountController extends
AbstractRegisterPageController
{

    Logger LOG =
Logger.getLogger(FacebookAccountController.class);

    @Autowired
    private UserService userService;

    @Autowired
    private HttpSessionRequestCache httpSessionRequestCache;

    @Override
    protected AbstractPageModel getCmsPage() throws
CMSItemNotFoundException
    {
        return getContentPageForLabelOrId("register");
    }

    @RequestMapping(value = "/facebooklogin", method =
RequestMethod.POST)
    @ResponseBody

```

```

    public String loginFacebook(final HttpServletRequest request,
final HttpServletResponse response, final Model model)
    {

        LOG.info("facebook Controller");
        final String firstName =
request.getParameter("firstName");
        final String lastName =
request.getParameter("lastName");
        final String email = request.getParameter("email");
        final String password =
request.getParameter("password");

        //final Random randomNumber = new Random(123456);
        final RegisterData data = new RegisterData();
        data.setFirstName(firstName);
        data.setLastName(lastName);
        data.setLogin(email);
        data.setTitleCode("mr");

        LOG.info(request.getParameter("name"));
        LOG.info("inside loginfacebbok post method");
        //
        this.userService.loginOrCreateFacebookUser(request,
response, dto);

        try
        {
            final UserModel user =
userService.getUserForUID(email);
            System.out.println("the name of the user" +
user.getUid());
            /*
            * Second time login with fb
            ----- Facebook user already prasant in our data
base , show the
            * popup in login page for Enetring otp (for
authentication)(or) send password to email or sms
            *
            * the new password must be stored in database and
show the login page
            */

        }
        catch (final Exception uie)
        {
            try
            {
                if (password == null)
                {
                    return "fail";
                }
            }
        }
    }

```



```

        }
        else
        {
            data.setPassword(password);
            getCustomerFacade().register(data);
            //getAutoLoginStrategy().login(email.toLowerCase(), password, request, response);
            model.addAttribute("message",
"registration sucess");
            return "Success";
        }
    }
    catch (final DuplicateUidException e)
    {
        LOG.warn("registration failed: " + e);
    }
    return "/my-account/profile";
} //catch end

return "/login";

} //method end

/*
 * (non-Javadoc)
 *
 * @see
 *
de.hybris.platform.acceleratorstorefrontcommons.controllers.pages.
AbstractRegisterPageController#getSuccessRedirect
 * (javax.servlet.http.HttpServletRequest,
javax.servlet.http.HttpServletResponse)
 */
@Override
protected String getSuccessRedirect(final HttpServletRequest
request, final HttpServletResponse response)
{

    if (httpSessionRequestCache.getRequest(request,
response) != null)
    {
        return httpSessionRequestCache.getRequest(request,
response).getRedirectUrl();
    }
    return "/";
}

/*
 * (non-Javadoc)
 *
 * @see

```

```
de.hybris.platform.acceleratorstorefrontcommons.controllers.pages.  
AbstractRegisterPageController#getView()  
    */  
    @Override  
    protected String getView()  
    {  
        return  
ControllerConstants.Views.Pages.Account.AccountRegisterPage;  
    }  
}
```