**Login with social media account**

**VFHU-4506 [D2LOGIN022]**

**Acceptance Criteria:**

* The customer will have the choice to log by Hybris account email + password.
* Hybris must also allow the customer to login based on the social media credentials (if the customer has provided consent to use social media credentials to login to the webshop).
* In case the customer is logged in to his/her social media account and has not provided the consent to use social media credentials on the webshop, then on the login screen the customer will see the linked hybris email auto-populated. The customer will have to provide the hybris password to login to the webshop.

**Design Description:**

**Business Process Overflow:**

* I can login to the webshop using Hybris account email + password.
* I can login to the webshop using my social media credentials if I have provided the consent to use social media credentials instead of my Hybris credentials.
* If I am logged into my social media account which is linked to my Hybris account and I have provided the consent to use my social media credentials instead of my Hybris credentials then I will be automatically logged into the webshop at a Hybris account level.
* If I have not provided the consent to login to the webshop through the social media credentials, then I will be able to see the hybris email auto-populated. I will have to provide my hybris password in order to login at an account level into the webshop.
* In a scenario when I login to the social media channel but Hybris identifies that my social media account is not linked to any Hybris account, then I will be shown a message informing that my social media channel is not linked to a Hybris account. I will have to create a Hybris account and verify my registered email address. Up on clicking the verification link, I will be redirected to my data page where I will have to provide the consent to use social media credentials instead of Hybris credentials.
* In a scenario when I log on to the social media channel but Hybris identifies that the social media account is not linked to any Hybris account. I will be shown a message informing that the social media channel is not linked to a Hybris account. Post that if I provide existing Hybris account credentials to which there is already a social media channel linked to it, then I will be shown a message informing that there is already a social media account linked with the Hybris account.
* I will be able to login to the webshop using social media credentials only after I have verified the email address for my Hybris account

**Detailed Specifications:**

**Configuration/ Component Specifications:**

1. Vodafonetelcostorefront-web-spring.xml

|  |  |
| --- | --- |
| Component Name | vodafonetelcostorefront -web-spring.xml |
| New/OOTB | New |
| Xml configuration | <bean name="socialLoginValidationController" class="hu.vodafone.controllers.pages. SocialLoginValidationController "/>  <prop key="/social-login/\*\*"> socialLoginValidationController </prop> |
| Component Description | This configuration provides the social login validation controller |

1. Vodafonestorefront/spring-security-config.xml

|  |  |
| --- | --- |
| Component Name | spring-security-config.xml |
| New/OOTB | New |
| Xml configuration | <security:intercept-url pattern="/social-login/\*" access="hasRole('ROLE\_ANONYMOUS')" requires-channel="https" /> |
| Component Description | Spring security configuration |

1. socialLoginValidationController

|  |  |
| --- | --- |
| Component Name | socialLoginValidationController |
| New/OOTB | New |
| Package | hu.vodafone.controllers.pages |
| Class Name | socialLoginValidationController |
| Class Implements | abstractpagecontroller |
| Class logging | private static final Logger LOGGER = Logger.getLogger(socialLoginValidationController.class); |
| Component Description | New class for social login handler |

3.1 Methods

|  |  |
| --- | --- |
| Method Signature | Description |
| @RequestMapping(value = "/validateUser", method = RequestMethod.***POST***)  **public** boolean validateUser(string socialLoginId, String emailAddress) | //AJAX call request  This method used to validate socialloginid mapped to the same user or not.  //this method will call the vodafonecore class 🡪 vodafoneuserutil for verification. |

1. VodafoneUserUtil:

|  |  |
| --- | --- |
| Component Name | VodafoneUserUtil |
| New/OOTB | old |
| Package | hu.vodafone.util |
| Class logging | private static final Logger LOGGER = Logger.getLogger(vodafoneUserUtil.class); |
| Component Description | For all user related transactions |

4.1 Methods

|  |  |
| --- | --- |
| Method Signature | Description |
| public boolean isSocialIdMatchedWithUser(String socialloginId, String emailaddress) | Check user already exists in the system.  Validate the user against socialid in the system |

5. vodafoneemailservice

|  |  |
| --- | --- |
| Component Name | vodafoneemailservice |
| New/OOTB | old |
| Package | hu.vodafone.util |
| Component Description | This class used to send emails |

5.1 Methods

|  |  |
| --- | --- |
| Method Signature | Description |
| public void notifyEmail(String toAddress, String templateName,Map<String, String> emailconstants, List<File> attachements,String[] bccAddress, String[] ccAddress, CustomerModel customerModel) throws VodafoneMailUncheckedTechnicalException, VodafoneMailCheckedTechnicalException | Used to send mails to the customer  //use the existing commerce login or call this method with template. |

6. TelcoRegisterPageController:

|  |  |
| --- | --- |
| Component Name | TelcoRegisterPageController |
| New/OOTB | Old |
| extends | AbstractRegisterPageController |
| Package | hu.vodafone.controllers.pages |
| Methods | old |
| Component Description | This class used to register & validation of tokens, which are coming from browser. |

6.1 Methods

|  |  |
| --- | --- |
| Method Signature | Description |
| @SuppressWarnings("boxing")  @RequestMapping(value = "/activate", method = RequestMethod.GET)  **public** String activateCustomer(@RequestParam(required = **true**) **final** String token, **final** Model model, **final** HttpServletRequest request, **final** HttpServletResponse response, **final** RedirectAttributes redirectModel)  **throws** CMSItemNotFoundException | //old method  //redirect to home page, once the activation completed.  // write javascript on home page, if the client browser has already social login session, redirect to my account page. |

Along with above one’s, there is lot of **java script** has to written for social login identification and if any reload on the page or java scripts. Ajax calls need to be handled from the sync maner.

**Class Diagram:**

The following class diagram shows the social login into the webshop.



Register token validation:



**Sequence Diagrams:**

The following sequence diagram depicts a sequence of steps that occur on social login.



Register token validation:



**Email’s description:**

Templates: customer registration mail

Customer email address change link: (example) https://10.64.168.114:9005/vodafonestorefront/vodafone/%%locale%%/register/?activate=ntrxrdgvwKdcQfbWFdEvqjEvE6SgNPLRf5bTCpTi58b1eGTpRjW0Mai%2FXKgD2oR27HVRsrg9zYpafpClW95IGEGeubNhicBViOEK9aS1BDg3HrPEbglrHJz%2BSNueabivbKUxaJlPnhmQrzsIFUWY0w%3D%3D

**Messages /Exceptions:**

|  |  |
| --- | --- |
| Case | message(locale:en) |
| Registration token success | Use existing locale |
| Registration token failure | Use existing locale |
| Login failure messages | Use existing locale |

Sample js with html:



Social login account creation:



**Sample Diagrams:**



