Affiliate should be prepared in the backend first.

Affiliate code **is alpha-numerical with underscore, lower case only, the code is also unique**. Any disallowed characters will be treated as underscore, e.g. “Pregnancy & Newborn” => “pregnancy\_\_\_newborn”.

Same format for the sub-affiliate code

**[Note]** Affiliate code is different from affiliate name, which has no restriction.

**[Note]**When referring customer toward Totsy.com, the affiliates can still post the affiliate name as the code. The conversion will be: base64 decode => to lowercase => illegal character replace. The converted code will be validated, invalid code will be ignored.

When a customer is referred by an affiliate, the affiliate code (and affiliate id) will be saved in the session for future uses.

Upon register success, if there is affiliate id/code in session, an association between customer and affiliate will be created and saved in CustomerTracking module.

Upon customer login, affiliate id/code will be loaded into the session if exists.

Customer email confirmation. Upon register, user will receive an email. If email delivered, update the customertracking\_record status to confirmed. Need to coordinate with the Email API.

Tracking pixel, the script follow standard Magento escape structure: double curly braces with predefined keywords, e.g. to embed $customer[‘id’], xxxx{{var customer.id}}xxxx

For pages before login, the tracking info is uniquely the affiliate id.

For pages after login, the tracking info is uniquely the affiliate id and customer id.

Documentation for Totsy Customer Login

Modified by Yang:

1. Override core/customer session.php, add ‘Remember Me’ cookie time
2. Override core/customer customer.php, add store switching in authenticate method to redirect different store customer who are trying to login to a wrong store.
3. Add re-validation method in customer session. Add pre-dispatch method in HP-checkout checkout controller. Add new block and template ‘validationcheck’ in customer. When pre-dispatch is required in Customer Account and Checkout, it will do a re-validation, the time duration is 15mins. After 15mins, customer will redirect to validation page to re-enter their password again.