Payment

Payment is a new feature in Tiki5

The Payment API is built to be hooked from multiple parts of the system. While there is a user interface, the primary purpose of it is for management. Payment requests should be hooked to actions in the system. A good example is the PluginMemberPayment.

A payment request is like an Invoice.

A registered payment will execute a set of behaviors when events occur. Supported events are 'complete', when the payment is fully paid, and 'cancel' when the payment is abandoned. The behaviors can only be registered through the API. Manually created payments must be handled manually.

Behaviors are stored in lib/payment/behavior/ and are named like the behavior called ('sample' would be in sample.php). Inside those files, a function named payment_behavior_sample is expected to be present. When the behavior is registered, an array is provided.

```php
<?php
  global $paymentlib; require_once 'lib/payment/paymentlib.php';

  $user = 'test123';

  // ...

  $invoice = $paymentlib->request_payment( 'Some payment', 100, 30 );
  $paymentlib->register_behavior( $invoice, 'complete', 'notify_admin', array( $user, 'All good!' ) );
  $paymentlib->register_behavior( $invoice, 'cancel', 'notify_admin', array( $user, 'Forget it.' ) );
?
```

Upon payment, the following call will be made indirectly:

```php
  payment_behavior_notify_admin( 'test123', 'All good!' );
```

Wishes

For Shopping Cart and Payments.

Open & Pending
<table>
<thead>
<tr>
<th>Rating</th>
<th>Subject</th>
<th>Submitted by</th>
<th>Importance</th>
<th>Easy to solve?</th>
<th>Priority</th>
<th>Category</th>
<th>Volunteered to solve</th>
<th>LastModif</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>●</td>
<td>Improve Shopping Cart / ecommerce / online orders to become a multi-sided platform (marketplace / classified ads / rental management)</td>
<td>Marc Laporte</td>
<td>5</td>
<td>2</td>
<td>10</td>
<td>● Feature request</td>
<td></td>
<td>2018-11-27</td>
<td>0</td>
</tr>
<tr>
<td>●</td>
<td>Plugin Relation By Views / &quot;Other users also read&quot; likewise to &quot;Customers also bought&quot;</td>
<td>heb</td>
<td>7</td>
<td>0</td>
<td>1</td>
<td>● Feature request</td>
<td></td>
<td>2010-10-04</td>
<td>1</td>
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<tr>
<td>●</td>
<td>Shopping Cart does not handle decimal prices</td>
<td>Arild Berg</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>● Error</td>
<td></td>
<td>2014-04-19</td>
<td>7</td>
</tr>
<tr>
<td>●</td>
<td>Bind group expiry (and other trigger conditions) with group transition for an easier membership management</td>
<td>Xavier de Pedro</td>
<td>6</td>
<td>5</td>
<td>30</td>
<td>● Feature request</td>
<td></td>
<td>2016-05-27</td>
<td>0</td>
</tr>
<tr>
<td>●</td>
<td>Plugin Add to Cart to use existing data from tracker item</td>
<td>Bernard Sfez / Tiki Specialist</td>
<td>7</td>
<td>10 easy</td>
<td>70</td>
<td>● Feature request</td>
<td>Less than 30-minutes fix</td>
<td>2017-04-09</td>
<td>0</td>
</tr>
</tbody>
</table>
In themselves, the payments only handle the actual request for money and tracking of the payment made, regardless of the payment technique used. In a full payment process, you may have something that looks like this:

1. Product selection
2. Applying discount
3. Calculate shipping charges
4. Calculate applicable taxes
5. Proceed to payment (register the payment, as we care about it here)
6. Perform payment from gateway

Currently, the product selection can be handled through the cart module and add to cart plugin. Other elements in-between are not implemented at this time. When extending, please keep in mind the entire process and avoid adding too many features to the payment handling directly.

Team
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- Louis-Philippe Huberdeau
- You?

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To help with development, here you are create a sandbox account

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