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Requirements and Specifications for Modification of Joomla Extensions

We are using rsdirectory as a classified extension for our website including different other extensions that are connected to rsdirectory via specific plugins and components.

We need a further modification of rsdirectory to replace the existing credit package feature. There is a recent modification that is not complete and must be revised in order to meet the following requirements and specifications:

Modification of Credit Packages:

- credit packages shall be linked to rsdirectory user and/or user group (i.e. a given credit package shall only be available for certain user or user group) - status: implemented but may be aligned to future modification according to this project;
- credit package shall be optionally categorized by rsdirectory categories - status: implemented but may be aligned to future modification according to this project;
- menu item and modul item shall be available for credit packages of certain category (i.e. show credit packages of the given category, layout shall be definable) - status: not implemented;
- credit package buying must be extended by a checkout procedure, i.e. when selecting a credit package, there must be at least a three step process, ie.
 - step 1 : select package (with package description),
 - step 2: show package summary of selected package including description, net price, VAT, gros price, payment method and terms and condition checkbox with link to terms and conditions (any joomla content like article, K2 item etc.),
 - step: 3: checkout with payment gateway (using the paypal and wire transfer function and any other available payment gateway of rsdirectory) with sending a confirmation e-mail including the order details (transaction details)status: not implemented;
- the transaction details pages must be designed in the backend via the new extension, transaction details page must be designed like rsdirectory forms and emails in editor using free text and editor formatting as well as placeholders for the transaction - status: available in current plugin, but email-sending not verified yet;
- credit packages shall have - only optionally - a duration term of validity (i.e. duration term setting in days, month, years). i.e. after ending this term the package and the remaining credits shall be invalid and expired - status: implemented, but reliability not yet verified;
- the credit functionality of rsdirectory must work correctly, meaning that deduction of credits shall be correct and without any problems - status: not verified as the modifications have not been finished, but is part of this work;
- credit packages must be linkable to one or multiple forms – status: not implemented;
- the rsdirectory forms functionality requires also a modification via an plugin, it must be linkable to one or multiple credit packages (that means for example only available if the linked credit package is selected) as well as to multiple categories (at the moment, in rsdirectory a form can be linked only to one category) – status: not implemented;

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- there must be two different crediting features: i) option to use credit points versus ii) option to use number of published ads (number of ads at the same time during the validity period) - status: not implemented;
- extension of the publication period of a single ad: at the moment there is a rsdirectory field "publishing-period" useable in a form, it is required to override "publishing-period" field and make it obsolete in forms, instead, the publishing period of a single ad shall be defined in credit package, the total number of extensions (0 for not restricted), the days and/or months of extension; for credit point version, the number of credit points must defined for each parameter - status: not implemented correctly;

Modification of Payment and Invoicing:

- we will use an invoicing system that should integrate with the credit package, i.e the extension named invoice manager from Joomla That, i.e.
- created credit packages shall be available as products in invoice manager including the credit package description and optionally selectable parameters of the according credit package,
 - availability in invoice manager shall be set in the credit package plugin itself within each single credit package created including the information that shall be used in product description,
 - when a credit package is ordered via any credit package page of the website the according invoice must be automatically created in invoice manager,
 - whereby the type of payment and respective payment gateway must be added to invoice data and the invoice itself,
 - whereby further any online transaction via aforesaid payment gateways must be qualified according the payment status for pending payments "Pending", for successful transactions "Confirmed", for failed transactions "Failed",
 - these status information shall be available separately from the native Status information of invoice manager,
- the linking of payments during the checkout process with online payment gateways shall not affect the feature of invoice manager to allow payment via paypal manually from invoice manager;
- Contact data in invoice manager must be automatically imported for any users that make the very first order of a credit package, for existing users the invoice creation must be automatically for the correct contact;
- It must be optionally set if an invoice shall be send automatically or manually for a given credit package, i.e. send automatically or manually depending on the user group and/or credit package and/or form category and/or credit package category and/or payment type;
- Invoices must be send as PDF/A files, the layout of the default invoice templates for email and pdf must be modified (first copy!) by reversing the recipient and sender information;
- The invoice must have a sending status, i.e. not yet sent invoices must have the status "not sent", sent out invoices must have the status "sent";
- In the invoice manager overview the additional information about the payment type as well as the transaction status for online gateways as well as the information about sending status must be displayed as separate columns;

Modification of payment and invoicing have not been implemented.
Some details and other features must be defined during work progress.