**Project PhotoX**

**Description**

Platform for photographers and their customers to facilitate placing orders print laboratory. Photos are seen as the main marketing tool platform and to stimulate their business model provides discounts in pyramid shape ("referral").

Example: A photographer (photographer E) placed an order for 1000 RON. I was given a discount of 10% that is Budget. It will be distributed as follows:

Laboratory - 2%, meaning 20 RON

Photographer A- split evenly the remaining 50%, ie 6.66 RON

Photographer B - equally divided in the remaining 50%, ie 6.66 RON

Photographer C - equally divided in the remaining 50%, ie 6.66 RON

Photographer D - 50% of the person who placed the order, ie 40 RON

Photographer E - 8% budget divided by "parents" - that is 80 RON, 2% goes to the laboratory

In case a photographer disappears from the system (under certain conditions of inactivity), its place in the tree is taken Laboratory.

If a photographer wants to move to another "branch" of the tree, it is necessary to create a new account to create a new network.

The platform must be multilingual. Default templates depend on the language / country.

**Roles**

System - party automated platform-based scheduled tasks, algorithm validation, generally user story that could not be described otherwise, but it is absolutely necessary

Administrator or laboratory - the user with the highest access server that can do everything from setting about the business model to track user activity.

Processor commands - the user part of organiziatiei activity, which processes orders coming from clients

Photographer - user who uses the platform to manage their own customers to place orders print

Final customer - the user can use the platform to keep in touch with photos and can place orders print in special conditions.

**Definitions**

Token (field) - which has representation in the database component form

Form - dynamically defined based on the data that is intended to collect

Template - messages, which can use tokens to customize the final message

**User Stories**

As we access the system administrator user name and password to have access to all application data

As an administrator can set up production costs for each production components to create sales prices

As an administrator can define product production to selecting components can easily organize

As an administrator can set the prices for each product (photo, album, etc.) you can get to customers (end users and photographers). Note: for now there are only two prices for sale to end users and photographers

As an administrator can set the overall level of discount for all the photos that I do not have to set it every

As an administrator can set the template bill may be billed to my clients (photographer or end customer)

As an administrator can choose between companies issuing invoices when preparing a bill to choose between VAT or without VAT.

As an administrator can the budget that a photographer must touch it before it can use the budget can not be spent to achieve budget

As an administrator can set template invitation so that I can invite a photographer

As an administrator can set the template contract between myself and photographer Q> or move the physical option contracts? If the user story is valid, then defines the user story> Like a photographer account creation system after invitation template automatically send a contract to sign it

As an administrator can send invitation a photographer using a predefined template, to invite him to the platform

As an administrator can set the minimum number of final customer accounts for photographers to be able to check disk space allocation when fresh invited

As an administrator can set the number of final customer accounts for photographers to be able to check disk space allocation

As an administrator can set the minimum order that the photographer must a place to get more disk space. Note: initial X photographer is entitled to final customer accounts. After ordering the minimum value, the photographer gets right to X + Y final customer accounts.

As an administrator is notified by signing an order to send invoice photographer

As an administrator can send the bill (template) a photographer so he could pay

As an administrator may mark the completion of an order that the photographer and budget update after applying discount

As an administrator can view the list of photographers to follow hierarchy and their budgetary situation. Q> display a tree, budget, total orders, orders last month?

As an administrator can disable a photographer account to restrict access to the platform. Q> it is necessary to restrict access to the final customer?

As an administrator can set the discount for each photographer to attract new customers photographer

As an administrator can set the number of days that a final customer has available to place an order for the system can free space on the expiry

As an administrator can set the number of days after a photographer budget is reduced by an amount to stimulate activity photographer

As an administrator can set the number of months of inactivity for the end customer because after this time to ask a reactivation fee. Note: to set both the number of months and the corresponding tax period (eg 12 months -> 10 EUR, 24 months -> 20 EUR, 36 months -> 30 EUR)

As an administrator can set the disk quota allocated to the photographer and his clients because it cannot be overcome

As an administrator can define tokens (fields) that can be used to build forms to be used by the photographer in their work

As an administrator can define forms predefined tokens (fields) that photographers can use in their work

As an administrator can view the list of activities that the photographer and the end customer have undertaken server

As an administrator can filter the list of activities by a certain photographer (with final customer charge) so I find your way

As an administrator can filter the list of activities by a specific customer so I finally find your way

As an administrator can confirm orders the photographer or the end customer to be notified

As a photographer I access the system username and password to have access to all data available application

As a photographer can send invitations (using a template) other photographers to build my own network of "referral". Note: this is deactivated if the photographer did not place a minimum order.

As a photographer can set the template invitation so that I can invite photographers to make my network

As a photographer can set the template terms and conditions on which end user must accept before to be able to use my platform to raise awareness about copyright terms

As a photographer can I public's portfolio of end customers with photos that have accepted the terms and conditions related to copyright.

I register as a photographer when I can enter your billing information so I could be billed administrator

As a photographer I can enter additional data for billing so I can select what bills one final customer

As a photographer I can see the disk quota that is available so that I can organize activities

As a photographer can order more share available disk to get more space for their customers

As a photographer can customize templates communication with tokens (fields) for the system to automatically fill in these data before sending them via email

As a photographer can define forms with fields predefined administrator that sends final customer to obtain data on the system to use them

As a photographer I invite an end customer to fill out a form to obtain data automatically

As a photographer can use accumulated budget (\* only if the budget is big enough - see story by setting the administrator) to place an order

As a photographer can upload photos customers to let them see

As a photographer can upload photos to a print command, so you can place an order

As a photographer can select photos subject order to place a print order

As a photographer can select your billing preferences (if there are several) before placing an order for the system to charge me on selected data

As a photographer can organize photos uploaded customers, event name and date so you can find them easily

As a photographer can delete photos to free up space

As a photographer can show movie, Youtube and Vimeo platforms to let customers see them

As a customer I finally access the system username and password to have access to all application data available to me

As a final customer must accept dialogue (template) that accept the terms and conditions imposed by photographer can have access to them

As an end customer can see photos uploaded by photographer give feedback

As a final customer can send feedback photographer selecting photos that I mean, that he may proceed in accordance with feedback

As a final customer can fill out a form with special fields photographer sends me to help him to get the data it needs

As a final customer can upload photos to place orders print

As a final customer can use photos to build my album to place orders print

As a final customer can remove from your photos

As a final customer can choose to pay directly to the laboratory or by card or cash on delivery

As the system can block the sale prices if production costs are lower than they, not losing out

As the system can delete discounts if selling prices are lower than production prices after discount so you do not stand loss

As a complete system can end customer input (from a form sent by photographer) to the account to make the work of the photographer

As the system can check which photos end customers have exceeded the expiration date of storage in order to free up space

As the system can check Photographer budgets to reduce their budget by downtime

As the system can notify photos were penalized inactive if budget to stimulate them to become active

As the system can notify photos of accumulation budget by sending an email to inform

As the system can verify that an account of the photographer must be replaced with a ghost account representing laboratory for hierarchy of photographers not be altered

As a system to monitor the actions of photographers and end customers in order to compile the list of activities for both the administrator and the photographer

As the system can block access to end customers own image after a set time administrator to determine pay an access fee

As the system can resize photos uploaded to not exceed a maximum value imposed. Note: 3000px x 2000px stand alone photo x 200 / 300dpi, 200dpi default, 9450px x 3600px album x 200 / 300dpi, 200dpi default

As the system can resize photos uploaded to generate thumbnails

As a system which can detect photographer account data to complete the final customer's logo appears photographer header

As the system can process a template to replace tokens to generate a PDF