FUNCTIONAL SPECIFICATIONS DOCUMENT

Requirements

1. User management

   1. The system will allow client users to register one user account per pre-existing client company that shall be the sole client user account associated with said client company.

   2. The system will allow client users to log in to their user account using their registered email address and password.

   3. The system will allow customers to log out from their user account.

   4. The system will allow customers to reset their password.
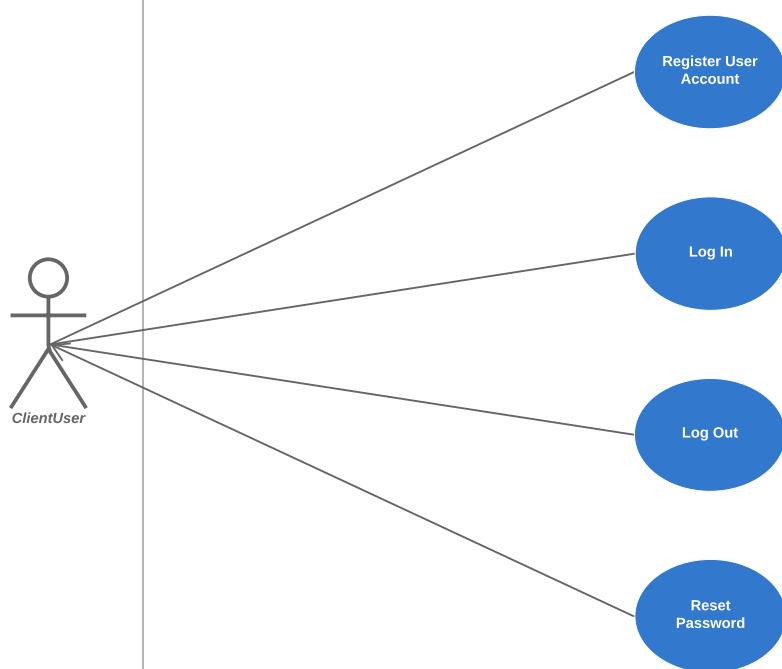
2. Campaign management

   1. The system will allow client users to create a new campaign, which will initially be stored as a draft.

   2. The system will allow client users to approve a campaign draft, making said campaign eligible for activation and giving it the status "Inactive".

   3. The system will allow client users to activate a campaign with the "Inactive" status, marking it "Active". An active campaign shall be visible to the general public, and eligible for purchase after and before its start and end dates, respectively.

   4. The system will allow client users to deactivate a campaign with the "Active" status.

   5. The system will allow client users to view an overview of all campaigns.

   6. The system will allow client users to filter the overview of campaigns based on campaign status, campaign category, and/or campaign type.

   7. The system will allow client users to view the data of any existing campaign.

   8. The system will allow client users to edit the data of an existing, non-archived campaign.

   9. The system will allow client users to archive a campaign.

   10. The system will allow client users to delete a campaign if it has never been activated.

User Management
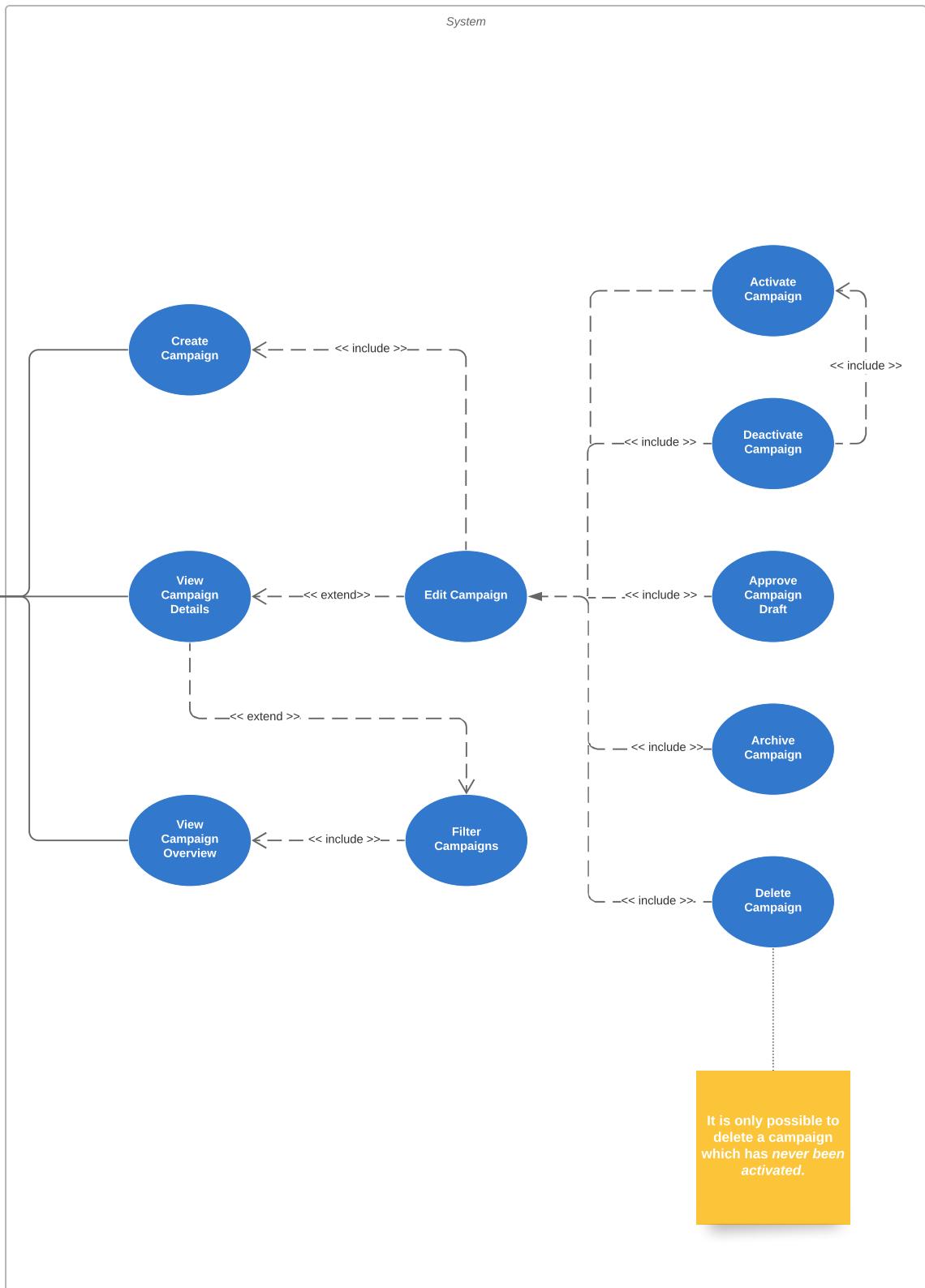
Jon Arild Karlsen | October 15, 2019
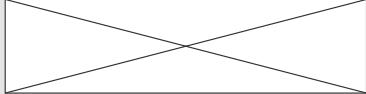
System

Register User Account

Log In

Log Out

Reset Password

ClientUser

Campaign Management

Jon Arild Karlsen | October 15, 2019

System

ClientUser

Create Campaign

View Campaign Details

View Campaign Overview

<< include >>

<< extend>>

<< extend >>

<< include >>

Edit Campaign

Filter Campaigns

Activate Campaign

Deactivate Campaign

Approve Campaign Draft

Archive Campaign

Delete Campaign

<< include >>

<< include >>

<< include >>

<< include >>

<< include >>

<< include >>

It is only possible to delete a campaign which has *never been activated*.

Groupomania

http://merchant.groupomania.com
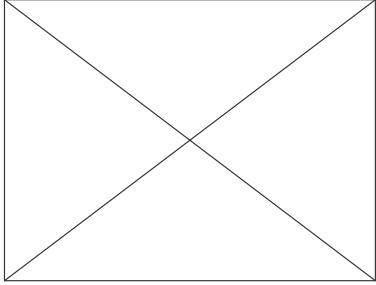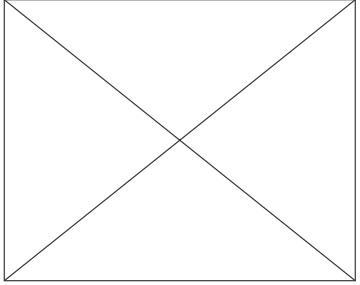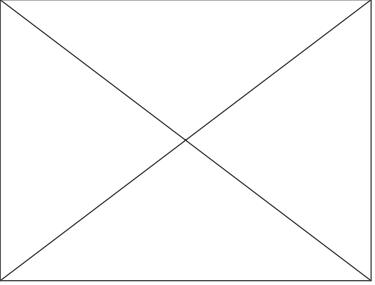
Get Started!

Log In

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Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed

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Contact us to get started today!

Lorem	Ipsum	Dolor
Link	Link	Link
Link	Link	Link
Link	Link	Link

Groupomania

http://merchant.groupomania.com

Log In

Email address

Password

Forgot your password?

Submit

. . .
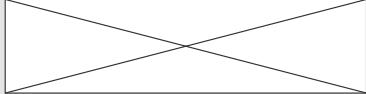
Don't have an account? Get started now!

Lorem	Ipsum	Dolor
Link	Link	Link
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Link	Link	Link

Groupomania

http://merchant.groupomania.com/registration?company_id=123456
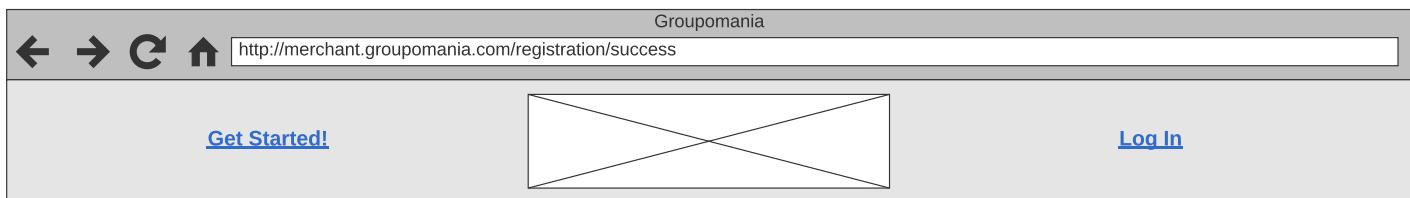
User Account
Registration

Please enter the following information to complete your registration as a client user of {{COMPANY_NAME}}.

First Name

Email Address

Last Name

Password

Confirm Password

Submit

Lorem

Ipsum

Dolor

Link

Link

Link

Link

Link

Link

Link

Link

Link

Groupomania

http://merchant.groupomania.com/registration/success

Get Started!   Log In

Registration

Success!

Thanks for registering! A confirmation email has been
sent to your email address. Please follow the link in the
email to activate your account and log in. You can follow
the link below to proceed directly to your email client.

Click this link to open your email client!

Lorem	**Ipsum**	**Dolor**
Link	Link	Link
Link	Link	Link
Link	Link	Link

Groupomania

http://merchant.groupomania.com

[Log Out](#)

Campaign Overview

New   View   Edit   Activate   Deactive   Archive   Delete

Name	Status		Category	Type	Start Date	End Date	Options
☑ Lorem	Draft	🟢	Dining	Voucher	10/11/19	20/11/19	⚙
☐ Ipsum	Inactive	🟢	Retail	Offer	10/12/19	31/12/19	⚙
☐ Dolor	Active	🟢	Experience	Voucher	04/07/19	04/07/20	⚙
☐ Sit	Expired	🔴	Retail	Offer	12/07/18	12/08/19	⚙
☐ Amet	Archived	⚪	Experience	Voucher	09/03/18	09/03/18	⚙

New campaign

View campaign

Edit campaign

Approve draft

Activate campaign

Deactivate campaign

Archive campaign

Delete campaign

| Status ▼ | Category ▼ | Type ▼ | Apply filter |

<< Prev   1 2 3 4 5 6 7 8 9 10   Next >>

Lorem	Ipsum	Dolor
Link	Link	Link
Link	Link	Link
Link	Link	Link

Groupomania

http://merchant.groupomania.com/campaigns/

Log Out

Campaign Name

Start Date
1/1/10

End Date
1/1/10

4 For how many days after expiry should the campaign be viewable (0-4)?

Categories

☑ Option 1
☐ Option 2
☐ Option 3

Campaign Type

◉ Option 1
◉ Option 2
◉ Option 3

Service Provider Address

Activity Difficulty (if applicable)

Description

B I U

☑ Limited number of redeemable offers? If yes, enter quantity below.

75 Available quantity.

List Price

Percent discount   Amount Discount

Please enter only one; the system will automatically calculate the other and update the corresponding field.

Drag images here, or use the "Browse" button to select images for upload.

Upload

Enter search tags here, separated by a comma.

Tags

Create Campaign

1

If viewing/editing an existing campaign, this button would change to say "Edit Campaign".

Lorem

Link

Link

Link

Dolor

Link

Link

Link

Link

Link

Link

Class Diagram

Jon Arild Karlsen | October 19, 2019

Campaign

- Id: Guid
- ClientCompanyId: Guid
- CampaignStatus: CampaignStatusId
- CampaignCategories: CampaignCategoryId[]
- CampaignType: CampaignTypeId
- CampaignName: string
- StartDate: DateTime
- EndDate: DateTime
- PaymentReference: Guid
- Quantity: int
- ViewableAfterEnd: bool
- DaysViewableAfterEnd: int
- OriginalPrice: decimal
- PercentDiscount: int
- AmountDiscount: decimal
- Image: uri
- Description: string
- ActivityDifficulty: string
- DateCreated: DateTime
- DateLastEdited: DateTime
- ServiceProvider: CompanyId
- Tags: string[]

+ CreateCampaign(campaignData: DTO): bool
+ EditCampaign(campaignData: DTO): bool
+ ActivateCampaign(): bool
+ DeactivateCampaign(): bool
+ ApproveDraft(): bool
+ ArchiveCampaign(): bool

ClientCompany

- Id: Guid
- ClientUserId: Guid
- CampaignArchive
- LegalName: string
- TradeName: string
- Website: string
- Email: string
- PhoneNumber: string
- StreetAddress string
- PostalCode: string
- PlaceName: string
- Region: string
- Country: string

None

> For MVP, each ClientCompany entity is a separate business even in the case of franchise operations (EG. Burger King).

Campaign Archive

- Id: Guid
- ClientCompanyId: Guid
- CampaignStatus: CampaignStatusId
- CampaignCategories: CampaignCategoryId[]
- CampaignType: CampaignTypeId
- CampaignName: string
- StartDate: DateTime
- EndDate: DateTime
- PaymentReference: Guid
- Quantity: int
- ViewableAfterEnd: bool
- DaysViewableAfterEnd: int
- OriginalPrice: decimal
- PercentDiscount: int
- AmountDiscount: decimal
- Image: uri
- Description: string
- ActivityDifficulty: string
- DateCreated: DateTime
- DateLastEdited: DateTime
- ServiceProvider: CompanyId
- Tags: string[]

+ FindById(id: Guid): Campaign
+ Search(searchParams: DTO): Campaign[]

CampaignType

- Id: Guid
- Name: string
- Description: string
- DateCreated: DateTime
- DateLastEdited: DateTime

None for MVP

CampaignCategory

- Id: Guid
- Name: string
- Description: string
- DateCreated: DateTime
- DateLastEdited: DateTime

None for MVP

CampaignStatus

- Id: Guid
- Name: string
- Description: string
- DateCreated: DateTime
- DateLastEdited: DateTime

None for MVP

ClientUser

- Id: Guid
- ClientCompany: Guid
- EmailAddress: string
- EmailConfirmed: bool
- FirstName: string
- LastName: string
- PasswordHash: string
- TwoFactorEnabled: bool
- DateUserCreated: DateTime
- DateLastEdited: DateTime
- LastLogin: DateTime
- AccessFailedCount: int
- ConcurrencyStamp: string
- SecurityStamp: string
- LockoutEnabled: bool
- LockoutEnd: DateTimeOffset?
- Claims
- Logins

+ RegisterUser(userData: DTO): bool
+ LoginUser(loginData: DTO): bool
+ LogoutUser(): bool
+ ResetPassword(userId: string): bool

> For MVP, a ClientCompany shall have only one associated ClientUser account. As such, there is no role-based authorisation.

> EG. draft (awaiting approval), active, expired, archived, deleted, etc. Set automatically by the Campaign class methods.