

User Administration Logic

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Logic

User (Extranet User)

User is anyone who has registered as a user and has got a user account for Extranet Neo. Users can be registered

- by themselves, using the "Register" button on the Website
- by other users

The "root" user account is the initial user. This "root" user has all possible permissions.

If a user is registered by another user, he is a subordinate user of this user. In this way all users are organised in strict hierarchical order. When X, Y and Z are users and "X created Y, Y created Z" then X can give permissions to both, Y and Z.

Use case:

- a) X, Y, Z are users
- b) X = Claudiu CultBooking Super Duper User, that has created Y = Paradise Hotel (Manager)
- c) Y = Paradise Hotel(Manager) has created user Z = Hotel Reception

X = Claudiu Super Duper, can give permissions to both Y = Paradise Hotel (Manager) and Z = Hotel Reception

If a user is registered by a Website, he is a subordinated user of the registration Website user (which itself is a subordinate user of the "root" user).

Users must be logged in, they need to be authenticated. We should have an optional 2FA.

User

- UserID
- User Login Name
- Subordinate_to_UserID

- First name
- Last name
- Language
- Email address
- Property
- Role
- Access expiration date

- Password

Page

The Extranet Neo is a collection of pages that allow user to get information and maintain their data.

Each page has a name, i.e. "Manage Users", "Manage Properties", "Page 1", "Page 2", ... "Page N".

Page
- PageID
- Name

Property

Property means real estate upon which is located an operating accommodation provider. The term includes all business like hotels, guesthouses, B&Bs, apartments and private rooms.

In the current system, we call a property an "Object" and it has got an ObjectID. In future, an object is called a property and the ObjectID becomes an PropertyID.

Users can be assigned to one or more properties. If they are assigned to at least two properties they see a drop-down menu (with semantic search) in the right corner of Extranet Neo.

It depends on the property group which look & feel the property has. Means, users can get a different look & feel, when they switch from one property to another.

Property
- PropertyID
- Name
- PropertyGroupID
- CultSwitch ObjectID



Hotel



B&B

Property Group

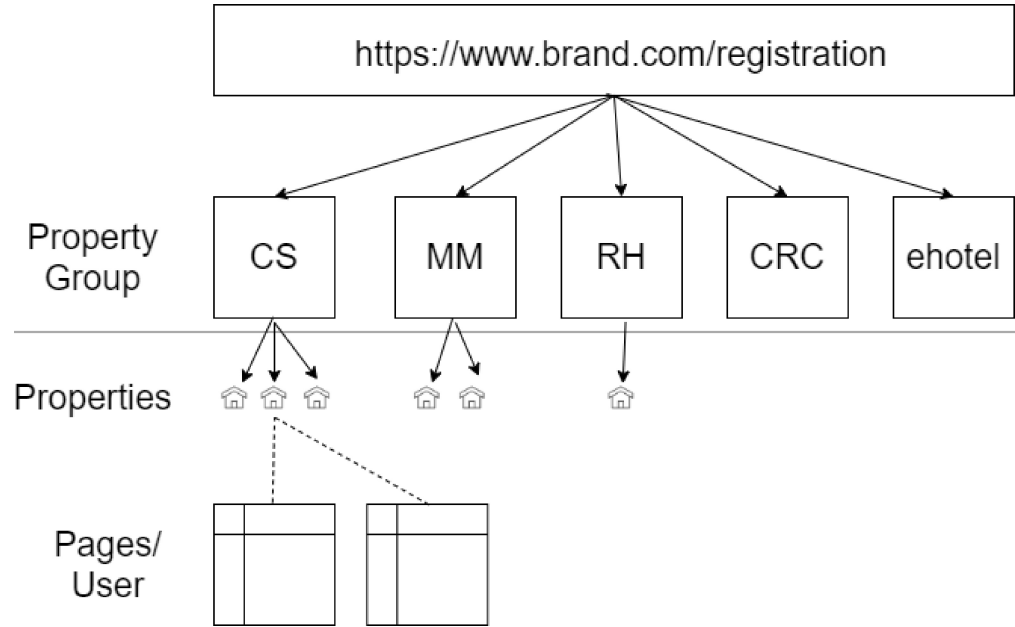
Property Group is a list of properties that share logo, colours and look & feel.

We have got already five property groups (CultSwitch, MappingMaster, Recommended Hotels, CRC and ehotel). More property groups will be defined for white-label solutions.

The property group is assigned to a property when it is registered.

Change chart here:

<https://www.diagrams.net/>



- Property Group

 - PropertyGroupID
 - Name
 - ColourCustomisationID
- Colour Customisation

 - ColourCustomisationID
 - Name
 - Logo
 - Font
 - Font Colour
 - Background Colour

User Group (Role)

A user group (role) is a collection of (one or many) pages within a particular property.

		Properties					
		A	B	C	D	E	F
Pages	1	x	x				x
	2	x				x	x
	3	x	x	x	x		x
	4	x		x	x	x	x
	5	x	x	x	x		
	6	x	x	x	x	x	x

Examples for user groups (roles)

- Role

 - RoleID
 - Name
 - PropertyID
 - CollectionOfPagesID
- Collection of Pages

 - CollectionOfPagesID

Permissions

Permissions are granted to users on page level for a particular property, means, once a user can see a page he can use it completely. There is no permission granted on field level, permissions for a particular page are the same for all users. If a user can see a page, he can use all features of this page.

Permissions can be inherited to another user in hierarchical order only. What a user does not have, he cannot pass on to others.

Permission

- UserID
- RoleID

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