**ROLES AND CAPABILITIES:**

**Description**

Laboulangerie bakery application uses a concept of Roles, designed to give the site owner the ability to control what users can and cannot do within the site. A site owner can manage the user access to such tasks as adding, deleting and changing users, products categories, products, making orders, tracking orders, tracking staff and it's avaibility, aproving social media content. *(Add more if there are more)*

Laboulangerie bakery application has seven pre-defined **Roles**:

* Superadmin
* Client
* Administrator
* Menager
* Headchief
* Weiter
* Cachier.

New roles can be introduced or removed using the appropriate user interface( add\_role() and remove\_role() functions).

Each role is allowed to perform a set of tasks called **Capabilities.**

Pre-defined capabilities are:

* System Settings
* Menagement Setting
* User Menagement
* Product Menagement
* Orders Menagement
* Social Media Menagement.

A default set of capabilities is pre-assigned to each role, but capabilites can be assigned or removed using the appropriate user interface (add\_cap() and remove\_cap() functions).

To each capability is assigned a set of defaoult **SubCapabilities**, such as : 'SystemSettingsFeature1', 'SystemSettingsFeature2' .....

Purpose of SubCapabilities is to specify task for each of capabilities and to provide access to themselves.

Pre-defined Capatibilities and SubCapatibilities are generic and usable in any company using this software. Custom Cabitabilities and SubCapitabilities ask for custom software development and therefor can be added by software developer only.

On the other side, Roles can be added by Admin, and pre-defined capitabilities can be assigned to each Role.

Capatabilities and SubCapabilities are meaningful very tightly coupled and assigned by software developer and therefor there is no possibility for user to assign SubCapability to Capability.

The Superadmin role allows a user to perform all possible capabilities. Each of the other roles has a decreasing number of allowed capabilities.

Summary of Roles

* Superadmin - somebody with access to the site network administration features and all other features.
* Client – somebody who can access to site, register himself, login and make order
* Administrator - somebody who has access to all the administration features within a single site
* Menager –person wich has title of restoraunt menager
* Headchief
* Weiter
* Cachier.

Default role for new users is Client. That role can be updated to another Role by Menager or new user with any Role assigned can be added by Superadmin, Administrator or Menager.

Superadmin Role is protected and can't be delated (It is hardcoded to database and there is no setter metod for this property). The other roles are not protected and can be menage (delate, create, update, Capabilities-assigned) by Superadmin and Administrator.

Roles

A Role defines a set of tasks a user assigned the role is allowed to perform. For instance, the Superadmin role encompasses every possible task that can be performed within a application. The Administrator role limits the allowed tasks only to those which affect a restoraunt administrative. On the other hand, the User role allows the execution of just a small subset of tasks.

The following sections list the default Roles and their capabilities:

Super Admin

Administrator

The capabilities of Administrators differs between single site and [Multisite](https://codex.wordpress.org/Glossary#Multisite) WordPress installations. All administrators have the following capabilities:

* [activate\_plugins](https://codex.wordpress.org/Roles_and_Capabilities#activate_plugins)
* [delete\_others\_pages](https://codex.wordpress.org/Roles_and_Capabilities#delete_others_pages)
* [delete\_others\_posts](https://codex.wordpress.org/Roles_and_Capabilities#delete_others_posts)
* [delete\_pages](https://codex.wordpress.org/Roles_and_Capabilities#delete_pages)
* [delete\_posts](https://codex.wordpress.org/Roles_and_Capabilities#delete_posts)
* [delete\_private\_pages](https://codex.wordpress.org/Roles_and_Capabilities#delete_private_pages)
* [delete\_private\_posts](https://codex.wordpress.org/Roles_and_Capabilities#delete_private_posts)
* [delete\_published\_pages](https://codex.wordpress.org/Roles_and_Capabilities#delete_published_pages)
* [delete\_published\_posts](https://codex.wordpress.org/Roles_and_Capabilities#delete_published_posts)
* [edit\_dashboard](https://codex.wordpress.org/Roles_and_Capabilities#edit_dashboard)
* [edit\_others\_pages](https://codex.wordpress.org/Roles_and_Capabilities#edit_others_pages)
* [edit\_others\_posts](https://codex.wordpress.org/Roles_and_Capabilities#edit_others_posts)
* [edit\_pages](https://codex.wordpress.org/Roles_and_Capabilities#edit_pages)
* [edit\_posts](https://codex.wordpress.org/Roles_and_Capabilities#edit_posts)
* [edit\_private\_pages](https://codex.wordpress.org/Roles_and_Capabilities#edit_private_pages)
* [edit\_private\_posts](https://codex.wordpress.org/Roles_and_Capabilities#edit_private_posts)

Special Cases

The following capabilities are special cases:

* [unfiltered\_upload](https://codex.wordpress.org/Roles_and_Capabilities#unfiltered_upload) - This capability is not available to any role by default (including Super Admins). The capability needs to be enabled by defining the following constant:

define( 'ALLOW\_UNFILTERED\_UPLOADS', true );

With this constant defined, all roles on a single site install can be given the unfiltered\_upload capability, but only Super Admins can be given the capability on a Multisite install.