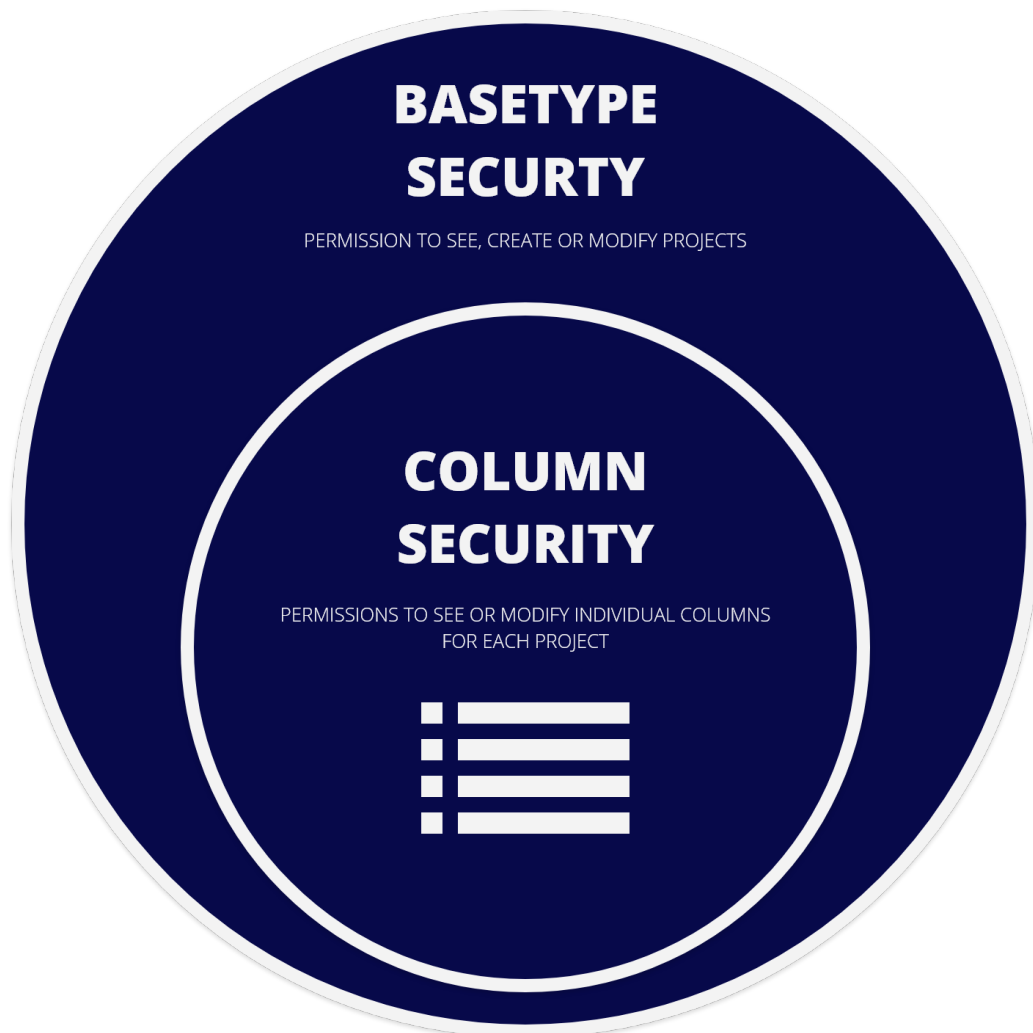| Document number	Revision
DOCU12498	1

Project Security

1. Background

In this article, you will learn about how default security is handled for *Projects* in Highstage.

2. Introduction

For *Projects* in Highstage, two concepts of security is introduced. General access to see, modify and create projects in Highstage is specified through ***Basetype security***. As an additional layer of security, ***Column security*** specifies the security associated with each individual column on an item in Highstage:

These concepts are dependent on each others and is evaluated as a layered structure. *Basetype security* is initially evaluated, and only if the user have access to the basetype, the security for the specific column is evaluated through *column security*:

BASETYPE SECURTY

PERMISSION TO SEE, CREATE OR MODIFY PROJECTS

COLUMN SECURITY

PERMISSIONS TO SEE OR MODIFY INDIVIDUAL COLUMNS FOR EACH PROJECT

A number of ***Roles*** are associated with *Projects*. Being assigned to a specific *role* grants a user a specific privileges' or responsibility on the specific project. This document explain the roles which is default bundled with Highstage and their relation to column security.

3. BaseType security

Basetype security must be set to enable users to view, modify or create *Projects* in Highstage.

The following table gives you an overview of the basetype columns that permits *users* or *user groups* to view, create or modify *Projects* in Highstage:

Column	Description
TrustRead	All `Users` and/or `User groups` listed has permission to **see** all existing *Projects*.
TrustCreate	All `Users` and/or `User groups` listed has permission to **create** new *Projects*.
TrustModify	All `Users` and/or `User groups` listed has permission to **modify** existing *Projects*.

ADMINISTRATOR NOTE: Basetype security can be applied by navigating to `SYSTEM` > `Types` > `Basetypes` in the side navigation menu.
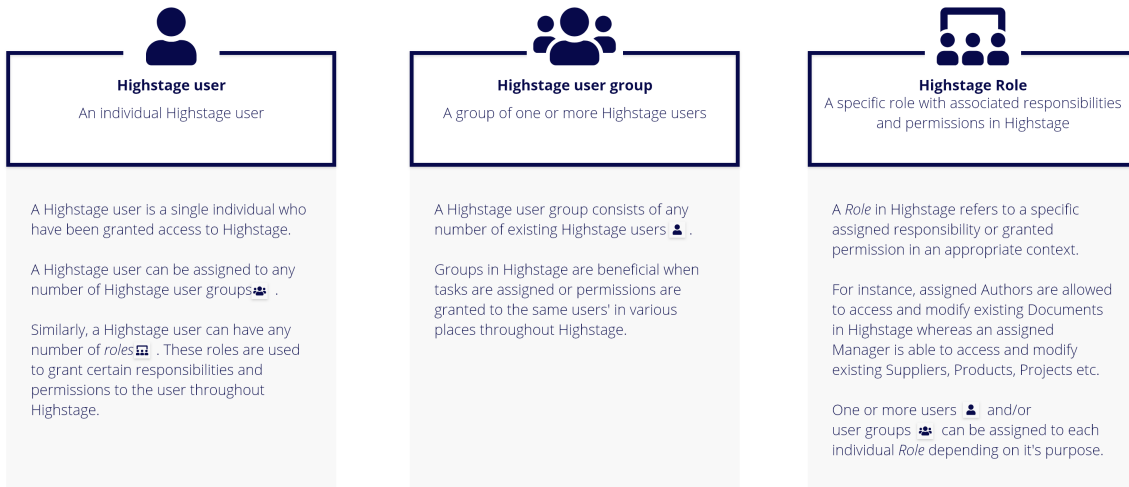
4. Column security

Column security refers to the responsibilities and permissions that are granted to users for each *Project*. These capabilities are granted through specific [Roles](#) which are associated with each individual *Project*.

The following table gives you an overview of the default columns and the required [roles](#) to view and/or modify them:

Column	Manager	Teammember	Trustee	Superuser [1]
active	Read / Write	Read	Read	Read
address	Read / Write	Read / Write	Read	Write
city	Read / Write	Read / Write	Read	Write
class	Read / Write	Read / Write	Read	Write
company	Read / Write	Read / Write	Read	Write
contact	Read / Write	Read / Write	Read	Write
country	Read / Write	Read / Write	Read	Write
email	Read / Write	Read / Write	Read	Write
entity	Read / Write	Read / Write	Read	Write
fax	Read / Write	Read / Write	Read	Write
ip	Read / Write	Read / Write	Read	Write
isworkspace	Read / Write	Read	Read	Read
manager	Read / Write	Read	Read	Read
name	Read / Write	Read / Write	Read	Write
note	Read / Write	Read / Write	Read	Write
obj	Read	Read	Read	Read
objtype	Read / Write	Read / Write	Read	Write
phone	Read / Write	Read / Write	Read	Write
postalcode	Read / Write	Read / Write	Read	Write
priority	Read / Write	Read / Write	Read	Write
teammembers	Read / Write	Read	Read	Read
trustcreate	Read / Write	Read / Write	Read	Write
trustees	Read / Write	Read / Write	Read	Write
url	Read / Write	Read / Write	Read	Write
workspace	Read / Write	Read / Write	Read	Write

5. Roles

A *Role* in Highstage refers to the assigned responsibility or privilege that determines a users' permissions to view, create or modify contents in Highstage:

Highstage user
An individual Highstage user

A Highstage user is a single individual who have been granted access to Highstage.

A Highstage user can be assigned to any number of Highstage user groups👥 .

Similarly, a Highstage user can have any number of *roles*🖥 . These roles are used to grant certain responsibilities and permissions to the user throughout Highstage.

Highstage user group
A group of one or more Highstage users

A Highstage user group consists of any number of existing Highstage users 👤 .

Groups in Highstage are beneficial when tasks are assigned or permissions are granted to the same users' in various places throughout Highstage.

Highstage Role
A specific role with associated responsibilities and permissions in Highstage

A *Role* in Highstage refers to a specific assigned responsibility or granted permission in an appropriate context.

For instance, assigned Authors are allowed to access and modify existing Documents in Highstage whereas an assigned Manager is able to access and modify existing Suppliers, Products, Projects etc.

One or more users 👤 and/or user groups 👥 can be assigned to each individual *Role* depending on it's purpose.

For any *Project* in Highstage, the following roles exists:

Role	Description	Permissions	Required	Note
`Manager`	Ability to see and change any column and assign additional `teammembers` and `trustees`.	Can `read` and `modify` any existing column and are allowed to assign `manager` to another Highstage user.	✕	Only one single user can be assigned as `manager` on each *Project* at a time. If no `Manager` is specified, modifications to the *Project* requires administrator privileges'. Default `Manager` is set as the user who created the *Project*.
`TeamMember`	Ability to see and change any column but the `manager`. Can assign additional `trustees`.	Can `read` and `modify` any existing column but is not allowed to modify the existing `manager`.	✕	Any number of users and user groups can be assigned as `teammember`.
`Trustee`	Ability to see all *Project* information.	Has `read` permissions, but cannot make any changes to the `Project`.	✕	Any number of users and user groups can be assigned as `trustee`.
`SuperUser`	Ability to change any column but the `manager`. Can assign additional `trustees`.	Can `modify` any existing column but is not allowed to modify the existing `manager`.	✕	A `SuperUser` is not assigned to a *Project* but is granted through the selected user level. A `SuperUser` still requires `read` capabilities by being assigned as a `Manager`, `TeamMember` or `Trustee` to be able to make modifications.

Highstage

1. A `SuperUser` has the same *Write* permissions as a `TeamMember`. A `SuperUser`, however, still needs to be listed as a `Manager`, `teammember` or `trustee` to gain *Read* access to permit modifications to an existing *Project*. ↵