

# OPENQMS.NET

## Deploying and hosting an ASP.NET Core app

The easiest way to get an up and running app is to use the pre-built docker image.

From the project folder, type `docker-compose up` in your console. The database is then started and requires some time to setup. When the database is ready, the application will connect to it and finish the setup. You should see a message that the application started and is listening on `https://0.0.0.0:XXXXX->443/tcp`. If not, check your list of docker containers.

Open a browser and navigate to `https://localhost:XXXXX`. You should now be on the application login page.

## Log in

### Use a local account to log in.

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Remember me?

[Forgot your password?](#)

[Register as a new user](#)

[Resend email confirmation](#)

### Use another service to log in.

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There are no external authentication services configured. See this [article about setting up this ASP.NET application to support logging in via external services](#).

Initially, the database is seeded with an administrator account, `admin@c-realize.com`, and a manager account, `manager@c-realize.com`, both with password `Temp123$`. After login, change the password by clicking on the user name.

Hello Administrator! |

Different options are displayed including Change Password.

## Manage your account

### Change your account settings

- Profile
- Email
- Password
- Two-factor authentication
- Personal data

#### Change password

Current password

New password

Confirm new password

Update password

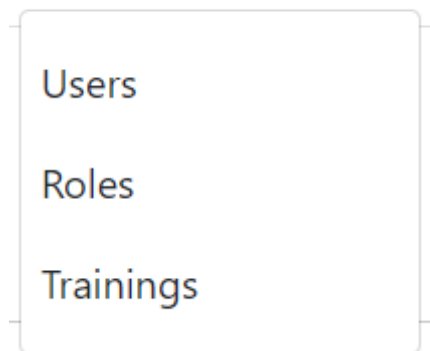
### Navigation

In the navigation bar at the top of the screen, different aspects of an organization and quality management are displayed. Click on any aspect to open its Index page.

Quality ▾ Products Processes Plant ▾ Policies People ▾

### Managing People

People ▾



Initially, the database is seeded with an administrator role and a manager role.

## Index

### Roles

Name	Description
Administrator	Administrators have access to all features.
Manager	Managers can view and approve documents. They can also manage trainings.

[Create New](#)

An administrator can create additional roles and users from the respective Index page.

OPENQMS.NET Quality Products Processes Plant Policies People Hello Administrator! Logout

## Create

### Role

Name  
User

Description  
General users

Create

[Back to List](#)

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## Register

### Create a new account.

First Name  
John

Last Name  
Doe

User Name  
User1

Email  
john.doe@example.com

Password  
\*\*\*\*\*

Confirm password  
\*\*\*\*\*

User Role  
User

Register

### Use another service to register.

There are no external authentication services configured. See this [article about setting up this ASP.NET application to support logging in via external services](#).

A manager can only view existing users and roles. Other users cannot access users and roles.

Both administrator and manager roles can create trainings, link an approved policy and assign them to a role.

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## Create

### Training

Name

Description

Date  
dd/mm/yyyy

Policy  
Policy A

Trainer  
manager@c-realize.com

Role  
User

Create

[Back to List](#)

Individual users can be selected after a training is created by clicking the Edit button on the Trainings Index screen.

## Edit

### Training

Name

Description

Date

Policy

Trainer

Trainees  
 admin@c-realize.com  
 manager@c-realize.com  
 john.doe@example.com  
 emma.smith@example.com

[Save](#)

[Back to List](#)

Other user roles can view the trainings they have been assigned. A training can be marked completed from the Details screen by an administrator or manager. Credentials then need to be entered.

## Details

### Training

**TrainingId** TRN-02  
**Name** Training B  
**Description** 123 abc  
**Date** 01/01/2024  
**Policy** [Policy A](#)  
**Completed By**  
**Completed On**  
**Trainer** manager@c-realize.com

**Trainees**

john.doe@example.com

emma.smith@example.com

Email

Password

[Complete](#)

Once completed, the training cannot be edited or deleted anymore.

## Index

### Trainings

Show  entries [Column visibility](#) [PDF](#) [Excel](#) Search:

Training Id	Name	Date	Status	Action
TRN-01	Training A	13/09/2023	Completed	<a href="#">Details</a>
TRN-02	Training B	01/01/2024	Scheduled	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 2 of 2 entries Previous  Next

[Create New](#)

## Managing policies, procedures and other documents

# Policies

Policies and other documents are version controlled. From the Documents Index page, click the Create button to create a new version of a document.

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---

### Create

#### Document

Title

Description

Content  No file chosen

[Back to List](#)

A file from the local storage can be uploaded. This file will then be stored on the server where a Files folder will be created in the OpenQMS repository. If a file with the same name already exists on the server location then it will not be uploaded. We therefore recommend to give your files a unique file name. Editing the document version will increase the version number. Only administrators and managers can approve a document version from the Document Details screen by entering their credentials.

## Details

### Document

<b>Id</b>	Doc-01
<b>Title</b>	Policy A
<b>Description</b>	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
<b>Version</b>	1.01
<b>Status</b>	Draft
<b>Authored By</b>	Administrator
<b>Authored On</b>	13/09/2023
<b>Approved By</b>	
<b>Approved On</b>	
<b>File Path</b>	C:\Users\HaoWang\Downloads\Repos\OpenQMS\OpenQMS\Files\New Microsoft Word Document.pdf

Email

Password

Upon approval, if the uploaded file is a pdf file, a digital certificate cert.pfx from the repository will be added (which might take some time). Once a document version is approved, it will be marked as a major version. Approved document versions cannot be edited or deleted anymore. For any changes, a new minor version will be created. When a new major version is approved, the previous approved version is set to obsolete.

# Index

## Documents

Show  entries Column visibility ▾ PDF Excel Search:

Doc Id	Title	Version	Status	Action
Doc-01	Policy A	1.00	Obsolete	<a href="#">Details</a>
Doc-01	Policy A	2.00	Approved	<a href="#">Details</a>
Doc-01	Policy A	2.01	Draft	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 3 of 3 entries Previous 1 Next

[Create New](#)

## Managing products, processes and the plant

Products Processes Plant ▾ |

Assets

Materials

Products are version controlled. From the Products Index page, click the Create button to create a new version of a product.

# Create

## Product

Product Name

Description

[Back to List](#)

Editing the product version will increase the version number. Only administrators and managers can approve a product version from the Product Details screen by entering their credentials.

Email

admin@c-realize.com

Password

.....

Approve

[Edit](#) |

[Back to List](#)

Once a product version is approved, it will be marked as a major version. Approved product versions cannot be edited or deleted anymore. For any changes, a new minor version will be created. When a new major version is approved, the previous approved version is set to obsolete.

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## Index

### Products

Show 10 ▾ entries Column visibility ▾ PDF Excel Search:

Product Id	Product Name	Version	Status	Action
PRD-01	Product A	1.00	Obsolete	<a href="#">Details</a>
PRD-01	Product A	2.00	Approved	<a href="#">Details</a>
PRD-01	Product A	2.01	Draft	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 3 of 3 entries Previous 1 Next

[Create New](#)

Processes, plant assets and materials can be created and managed in the same way.

## Managing quality events

Quality ▾

- Changes
- Deviations
- CAPA

From the navigation bar, select a type of event e.g. change or deviation to navigate to its Index page. Click the Create button to create a new event. Events can be associated to any product, process, plant asset or material version that has been approved.

## Create Change

Title  
Change 1

Product  
Product A

Process  
--Select Process--

Asset  
--Select Asset--

Material  
--Select Material--

CAPA  
--Select CAPA--

Proposal  
 tuqlat nulla pariatur. excepteur sint occaecat  
 cupidatat non proident, sunt in culpa qui officia  
 deserunt mollit anim id est laborum.

[Create](#)

[Back to List](#)

After its creation, the event needs to be evaluated from its Edit screen.

## Edit Change

Title  
Change 1

Product  
Product A

Process  
--Select Process--

Asset  
--Select Asset--

Material  
--Select Material--

Capa

Proposal  
 Lorem ipsum dolor sit amet, consectetur adipiscing  
 elit, sed do eiusmod tempor incididunt ut labore et

Assessment  
 tuqlat nulla pariatur. excepteur sint occaecat  
 cupidatat non proident, sunt in culpa qui officia  
 deserunt mollit anim id est laborum.

Only administrators and managers can then accept the evaluation from the Details screen by entering their credentials.

Email  
admin@c-realize.com

Password  
 .....

[Accept](#)

Once accepted, the necessary actions need to be implemented and required information added in the Edit screen.



Change 1

Product

Product A

Process

Asset

Material

Capa

Proposal

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et

Assessment

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et

Implementation

rugiat nulla pariatur, excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Save

[Back to List](#)

Eventually, the completed event can be approved by an administrator or manager.

Email

admin@c-realize.com

Password

.....

Approve

Approved events cannot be edited or deleted anymore.

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## Index

### Changes

Show 10 entries Column visibility PDF Excel Search:

Change Id	Title	Status	Action
CHG-01	Change 1	Approved	<a href="#">Details</a>
CHG-02	Change 2	Proposal	<a href="#">Edit</a>   <a href="#">Details</a>   <a href="#">Delete</a>

Showing 1 to 2 of 2 entries Previous 1 Next

[Create New](#)