# General

## Application Start - Open the default database

As a user,

When I start the application, I want to have the project from medicx.zmdx file automatically loaded

So that I can immediately start working.

## Project opened - Open Medical Events tab

As a User,

When a project is opened, I want to have the Medical Events tab selected

So that I can immediately start looking into the medical history.

## Prevent application exit from "X" button if not saved

As a user,

If something is changed and not saved in the application (the star is displayed in the window's title) and I press the "X" button to close the application, I want to have a popup displayed and be presented with three options: Save and close, Do not save and close, Cancel

So that I am prevented to lose unsaved data.

## Prevent application exit from "File->Exit" menu if not saved

As a user,

If something is changed and not saved in the application (the star is displayed in the window's title) and I select the File->Exit menu item to close the application, I want to have a popup displayed and be presented with three options: Save and close, Do not save and close, Cancel

So that I am prevented to lose unsaved data.

## Prevent application exit from "Alt+F4" menu if not saved

As a user,

If something is changed and not saved in the application (the star is displayed in the window's title) and I press Alt+F4 to close the application, I want to have a popup displayed and be presented with three options: Save and close, Do not save and close, Cancel

So that I am prevented to lose unsaved data.

## Prevent application exit from "Alt+X" menu if not saved

As a user,

If something is changed and not saved in the application (the star is displayed in the window's title) and I press Alt+X to close the application, I want to have a popup displayed and be presented with three options: Save and close, Do not save and close, Cancel

So that I am prevented to lose unsaved data.

## File->Save menu item saves the project

As a user,

When I select the File->Save menu item, I want to save all the changes in the medicx.zmdx file and the star removed from the window's title bar

So that I can persist the data for another usage of the application.

## Ctrl+S saves the project

As a user,

When I press Ctrl+S, I want to save all the changes in the medicx.zmdx file and the star should be removed from the window's title bar

So that I can persist the data for another usage of the application.

## File->Exit menu item exits the application

As a user,

When I select the File->Exit menu item, I want to close the MedicX application

So that I leave the computer's memory free for other applications.

## Alt+X exits the application

As a user,

When I press Alt+X, I want to close the MedicX application

So that I leave the computer's memory free for other applications.

## Alt+F4 exits the application

As a user,

When I press Alt+F4, I want to close the MedicX application

So that I leave the computer's memory free for other applications.

# Medics Tab

## Display list of Medics

As a user,

When Medics tab is displayed, I want to see the list of medics with Name (First name, Middle name, Last name) and Specializations

So that I can select one of them to display its details.

## Order medics by name

As a user,

I want to see the list of medics ordered alphabetically by name (First Name then Middle and Last Name) in ascending order

So that I can find them easily by scrolling.

## Display Filtering box for Medics

As a user,

When Medics tab is displayed, I want to have a filtering box

So that I can easily search for a medic.

## Filter medics

As a user,

When I type a text in the filter box, I want to see in the medics list only the medics that have the text in any of the fields: First Name, Middle Name, Last Name, Specializations, Comments

So that I can find the medic that I want.

## Clear filters button (Medics)

As a user,

I want to have a "Clear filters" button that will delete the text from the filter box and will remove all the filters from the medics list

So that I can see all the medics.

## Display medic's details when selected

As a user,

When I select a medic in the medics list, I want to have its details displayed in the details panel

So that I can see more information about that medic.

## Display "New Medic" button

As a user,

When Medics tab is displayed, I want to have a "New Medic" button

So that I can add new medics in the system.

## Create new medic when "New Medic" button is clicked

As a user,

When I press the "New Medic" button, I want a new empty medic item to be created in the medics list, to be selected as the current one and to be displayed in the details panel,

So that I can add information in the system about a new medic.

## Display current medic's name in the details panel's title

As a user,

When the details of a medic are displayed, I want the name of the medic (First name, Middle Name and Last Name) to be displayed in the title bar of the details panel

So that I can easily see which medic is displayed.

## Display current medic's First Name in the details panel

As a user,

When the details of a medic are displayed, I want the First Name of the medic to be displayed in the details panel and to be editable

So that I can change it.

## Display current medic's Middle Name in the details panel

As a user,

When the details of a medic are displayed, I want the Middle Name of the medic to be displayed in the details panel and to be editable

So that I can change it.

## Display current medic's Last Name in the details panel

As a user,

When the details of a medic are displayed, I want the Last Name of the medic to be displayed in the details panel and to be editable

So that I can change it.

## Display current medic's Specializations list in the details panel

As a user,

When the details of a medic are displayed, I want the Specializations list of the medic to be displayed in the details panel as a multiline textbox (one item per line) and to be editable

So that I can change it.

## Display current medic's Comments in the details panel

As a user,

When the details of a medic are displayed, I want the Comments of the medic to be displayed in the details panel in a multiline textbox and to be editable

So that I can change it.

## When Medic's Name is changed, update the name in medics list

As a user,

When any of the First Name, Middle Name or Last Name of the medic is changed, I want to have it updated in the corresponding item from the medics list

So that I can see consistent data in the application.

## When Medic's Specialization list is changed, update the specialization in medics list

As a user,

When the Specializations list of the medic is changed, I want to have it updated in the corresponding item from the medics list

So that I can see consistent data in the application.

## When Medic's Name is changed, update the name in details panel's title

As a user,

When any of the First Name, Middle Name or Last Name of the medic is changed, I want to have it updated in the details panel's header

So that I can see consistent data in the application.

## Remember the selected Medic

As a user,

After I select a medic in the list, go on another tab and come back on the Medics tab, the previously selected medic should still be selected, and its details displayed in the details section

So that I can continue to edit it.

# Clinics Tab

## Display List of clinics

As a user,

When Clinics tab is displayed, I want to see the list of clinics with Name and Address.

So that I can select one of them to display its details.

## Order clinics by name

As a user,

I want to see the list of clinics ordered alphabetically by name in ascending order

So that I can find them easily by scrolling.

## Display Filtering box

As a user,

When Clinics tab is displayed, I want to have a filtering box displayed

So that I can easily search for a medic.

## Filter clinics

As a user,

When I type a text in the filter box, I want to see in the clinics list only the clinics that have the typed text in any of the fields: Name, Adderess (Street, City, County, Coutry), Phones, Program, Comments

So that I can find the clinic that I want.

## Clear filters button

As a user,

I want to have a "Clear filters" button that will delete the text from the filter box and will remove all the filters from the clinics list

So that I can see all the clinics.

## Display clinic's details when selected

As a user,

When I select a clinic in the clinics list, I want to have its details displayed in the details panel

So that I can see more information about that clinic.

## Display "New Clinic" button

As a user,

When Clinics tab is displayed, I want to have a "New Clinic" button

So that I can add new clinics in the system.

## Create new clinic when "New Clinic" button is clicked

As a user,

When I press the "New Clinic" button, I want a new empty clinic item to be created in the clinics list, to be selected as the current one and to be displayed in the details panel,

So that I can add information in the system about a new clinic.

## Display current clinic's name in the details panel's title

As a user,

When the details of a clinic are displayed, I want the name of the clinic to be displayed in the title bar of the details panel

So that I can easily see which clinic is displayed.

## Display current clinic's Name in the details panel

As a user,

When the details of a clinic are displayed, I want the Name of the clinic to be displayed in the details panel and to be editable

So that I can change it.

## Display current clinic's Address (Street, City, County, Country) in the details panel

As a user,

When the details of a clinic are displayed, I want the Address of the clinic (Street, City, County, Country) to be displayed in the details panel and to be editable

So that I can change it.

## Display current clinic's Phones list in the details panel

As a user,

When the details of a clinic are displayed, I want the Phones list to be displayed in the details panel as a multiline textbox (one item per line) and to be editable

So that I can change it.

## Display current clinic's Comments in the details panel

As a user,

When the details of a clinic are displayed, I want the Comments to be displayed in the details panel in a multiline textbox and to be editable

So that I can change it.

## When Clinic's Name is changed, update the name in clinics list

As a user,

When the Name of the clinic is changed, I want to have it updated in the corresponding item from the clinics list

So that I can see consistent data in the application.

## When Clinic's Address (Street, City, County, Country) is changed, update the address in clinics list

As a user,

When the Address of the clinic (Street, City, County, Country) is changed, I want to have it updated in the corresponding item from the clinics list

So that I can see consistent data in the application.

## When Clinic's Name is changed, update the name in details panel's title

As a user,

When the Name of the clinic is changed, I want to have it updated in the details panel's header

So that I can see consistent data in the application.

## Remember the selected Clinic

As a user,

After I select a clinic in the list, go on another tab and come back on the Clinics tab, the previously selected clinic should still be selected, and its details displayed in the details section

So that I can continue to edit it.

# Medical Events Tab

## Display List of medical events

As a user,

When Medical Events tab is displayed, I want to see the list with all medical events with the following fields:

* For Consultation: Date and the Medic
* For Investigation: Date and the Sent By

So that I can select one of them to display its details.

## Order medical events by date

As a user,

I want to see the list of medical events ordered by date in ascending order

So that I can find them easily by scrolling.

## Display Filtering box

As a user,

When Medical Events tab is displayed, I want to have a filtering box displayed

So that I can easily search for a medical event.

## Filter medical events

As a user,

When I type a text in the filter box, I want to see in the medical events list only the medical events that contain the text in any of the fields:

* For Consultation: Medic, Clinic, Labels, Comments, Prescriptions
* For Investigation: Sent By, Medic, Clinic, Labels, Comments

So that I can find the medical event that I want.

## Clear filters button (Medical events)

As a user,

I want to have a "Clear filters" button that will delete the text from the filter box and will remove all the filters from the medical events list

So that I can see all the medical events.

## Display medical event's details when selected

As a user,

When I select a medical event in the list, I want to have its details displayed in the details panel

So that I can see more information about that medical event.

## Display "New Consultation" button

As a user,

When Medical Events tab is displayed, I want to have a "New Consultation" button

So that I can add new consultation events in the system.

## Display "New Investigation" button

As a user,

When Medical Events tab is displayed, I want to have a "New Investigation" button

So that I can add new investigation events in the system.

## Create new consultation when "New Consultation" button is clicked

As a user,

When I press the "New Consultation" button, I want a new empty consultation item to be created in the medical events list, to be selected as the current one and to be displayed in the details panel,

So that I can add information in the system about a new consultation.

## Create new investigation when "New Investigation" button is clicked

As a user,

When I press the "New Consultation" button, I want a new empty investigation item to be created in the medical events list, to be selected as the current one and to be displayed in the details panel,

So that I can add information in the system about a new investigation.

## Display current consultation's Date and Medic in the details panel's header

As a user,

When the details of a consultation are displayed, I want the Date and the Medic's name to be displayed in the header of the details panel

So that I can easily see which consultation is displayed.

## Display current consultation's Date in the details panel

As a user,

When the details of a consultation are displayed, I want the Date of the consultation to be displayed in the details panel and to be editable

So that I can change it.

## Display current consultation's Medic in the details panel

As a user,

When the details of a consultation are displayed, I want a list with all the medics to be displayed as a drop-down list in the details panel and the consultation's Medic to be selected

So that I can change it.

## Display current consultation's Clinic in the details panel

As a user,

When the details of a consultation are displayed, I want a list with all the clinics to be displayed as a drop-down list in the details panel and the consultation's Clinic to be selected

So that I can change it.

## Display current consultation's Labels list in the details panel

As a user,

When the details of a consultation are displayed, I want the Labels list to be displayed in the details panel as a multiline textbox (one item per line) and to be editable

So that I can change it.

## Display current consultation's Comments in the details panel

As a user,

When the details of a consultation are displayed, I want the Comments to be displayed in the details panel in a multiline textbox and to be editable

So that I can change it.

## Display current consultation's Prescriptions in the details panel

As a user,

When the details of a consultation are displayed, I want the Prescriptions to be displayed in the details panel in a multiline textbox and to be editable

So that I can change it.

## When consultation's Date is changed, update the date in medical events list

As a user,

When the Date of the consultation is changed, I want to have it updated in the corresponding item from the medical events list

So that I can see consistent data in the application.

## When consultation's Date is changed, update the date in details panel header

As a user,

When the Date of the consultation is changed, I want to have it updated in the details panel header

So that I can see consistent data in the application.

## When consultation's Medic is changed, update the medic's name in medical events list

As a user,

When the Medic of the consultation is changed, I want to have it updated in the corresponding item from the medical events list

So that I can see consistent data in the application.

## When consultation's Medic is changed, update the medic's name in details panel's header

As a user,

When the Medic of the consultation is changed, I want to have it updated in the details panel's header

So that I can see consistent data in the application.

## Display current investigation's Date and Sent By medic in the details panel's header

As a user,

When the details of a investigation are displayed, I want the Date and the name of the Sent By medic to be displayed in the header of the details panel

So that I can easily see which investigation is displayed.

## Display current investigation's Date in the details panel

As a user,

When the details of an investigation are displayed, I want the Date of the investigation to be displayed in the details panel and to be editable

So that I can change it.

## Display current investigation's Sent By medic in the details panel

As a user,

When the details of an investigation are displayed, I want a list with all the medics to be displayed as a drop-down list in the details panel and the consultation's Sent By medic to be selected

So that I can change it.

## Display current investigation's Medic in the details panel

As a user,

When the details of an investigation are displayed, I want a list with all the medics to be displayed as a drop-down list in the details panel and the investigation's Medic to be selected

So that I can change it.

## Display current investigation's Clinic in the details panel

As a user,

When the details of an investigation are displayed, I want a list with all the clinics to be displayed as a drop-down list in the details panel and the investigation's Clinic to be selected

So that I can change it.

## Display current investigation's Labels list in the details panel

As a user,

When the details of an investigation are displayed, I want the Labels list to be displayed in the details panel as a multiline textbox (one item per line) and to be editable

So that I can change it.

## Display current investigation's Comments in the details panel

As a user,

When the details of an investigation are displayed, I want the Comments to be displayed in the details panel in a multiline textbox and to be editable

So that I can change it.

## When investigation's Date is changed, update the date in medical events list

As a user,

When the Date of the investigation is changed, I want to have it updated in the corresponding item from the medical events list

So that I can see consistent data in the application.

## When investigation's Date is changed, update the date in details panel header

As a user,

When the Date of the investigation is changed, I want to have it updated in the details panel header

So that I can see consistent data in the application.

## When investigation's Sent By medic is changed, update the medic's name in medical events list

As a user,

When the Sent By medic of the investigation is changed, I want to have it updated in the corresponding item from the medical events list

So that I can see consistent data in the application.

## When investigation's Sent By medic is changed, update the medic's name in details panel's header

As a user,

When the Sent By medic of the consultation is changed, I want to have it updated in the details panel's header

So that I can see consistent data in the application.

## Remember the selected medical event

As a user,

After I select a medical event in the list, go on another tab and come back on the Medical Events tab, the previously selected medical event should still be selected, and its details displayed in the details section

So that I can continue to edit it.