Management of medical clinic

Medical clinic's management system

As described in this document system's main role is managing a small medical clinic in the scope of handling:

* patient's registration,
* doctor appointment registration,
* medical visit history registration by medicine doctors,
* system administration.

The system consists of three modules:

* Administration module
* Medical doctor module - medical visit handling
* Appointments management module - for staff of clinic reception

Each module is used for managing dedicated business processes proper system users are responsible for.

Detailed functionalities are described below in appropriate chapters.

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1. System administration module
   1. Login/Logout

The functionality of login into the system and logging out of the system is part of the administration module but is used for getting access to each of the modules.

All users use this part of the system to log in/log out.

After the correct login, the system automatically opens the appropriate module based on logged user’s rights.

**Epic: Login**

**User stories:**

Correct login into the system

**As a** non-logged-in user

**I want** to have the possibility to enter credentials (login and password) and confirm it

**So that** I will be able to start using the system

Acceptance criteria:

* Just after the system launches, the form with fields allowing to enter credentials: login and password and buttons: "OK", used to confirm data and "Cancel" to login process opt-out is opened.
* The system verifies compliance of the entered data with data stored in the database and launches the appropriate portal (module) if the entered data is correct.
* After successfully logging into the system, the dashboard of a proper module, according to user privileges, is displayed.

Resigning of logging in

**As a** non-logged-in user

**I want** to have the possibility to cancel logging in process at any time until I confirm the correct login details

**So that** I will be able to back to login into the process later

Acceptance criteria:

* Once the "Cancel" button is pressed the login form is closed

Incorrect login

**As a** non-logged-in user

**I want** to system checks correction of input login data

**So that** system safes access to the system for proper users only

Acceptance criteria:

* The system verifies that the data entered does not match the data stored in the database and presents a notification of an error in the data entered

System blocking

**As a** non-logged-in user

**I want** the system to block the possibility of logging again for X (parameter) minutes in the event of entering incorrect input data three times in a row

**So that the** security of the system will be higher

Acceptance criteria

* The third incorrect login data entering causes blocking of the possibility of using the next attempt of login (entering input data)
* The system starts showing the time remaining to unlock the possibility of entering input data

Input data unlock

**As a** non-logged-in user

**I want** the system to automatically unlock the ability to enter input after the lockout time is over

**So that** I can try to log in again.

Acceptance criteria

* When the system's lockout time expires, the input fields are available again, and the information about the time to unlock disappears

**Epic: Password changing**

**User stories**

Application for changing password

**As a** non-logged user

**I want** to be able to request a password change in case I forget it

**So that** I will be able to regain access to the system

Acceptance criteria:

* The "Forgot password" link is available on the login page.
* Activation of that link opens a new form that allows to enter login and e-mail address for the password change link
* The "OK" button is presented on the opened form.
* The "OK" button is unavailable (there is no possibility to push it)
* The system verifies whether the email address entered in the corresponding field contains exactly one "@" character and if so, the "OK" button becomes available
* The system verifies whether the email address entered in the corresponding field contains exactly one "@" character and if not, the "OK" button stay be unavailable
* A message with information about the link to form of password changing is displayed on the screen after address email entering and confirmation of it

Password change link

**As a** system user

**I want** to have the possibility to receive the password change link at the putting earlier email address

**So that** I will be able to open the appropriate form

Acceptance criteria:

* The system generates a link to change the password if the previously provided e-mail address is the same as the e-mail address stored in the database, corresponding to the login provided in the password change form.
* Regardless of the result of the comparison of the e-mail address entered on the form with the one stored in the database, the system displays a notification that the link has been sent to the e-mail.
* The system sends a link to the password change form to the appropriate email address in case of the correct comparison result of the e-mails.

Password change form launching

**As a** non-logged system's user

**I want** to system display the password change form after clicking on the received link

**So that** I will be able to put in a new password

Acceptance criteria

* The system presents the following fields and buttons after opening the form:
  + Login – the system shows the appropriate login name
  + New password - field to be filled in by the user
  + Confirm password - field to be filled in by the user
  + The "OK" button
  + The "Cancel” button
* The „OK” button will become available when the content of the fields: “New password” and ”Confirm password” will be the same

New password entering

**As a** non-logged system's user

**I want** to have the possibility to put in and confirm a new password.

**So that** the password will be changed

Acceptance criteria:

* The system presents the correct login on the form
* The "OK" button is unavailable
* The "Cancel" button is available
* The system checks if strings in the fields: "New password" and "Confirm password" are the same. If so, the "OK" button becomes available
* The system validates the correctness of entered password with accordance to password policy:
  + password length: not less than 8 characters and not more than 15 characters
  + use of each of the following types of marks at least once:
    - lowercase
    - uppercase
    - digital
    - special sign: "-", "\_", "!". "#", "$", "\*"
* If the password meets the validation criteria, the system displays a success message in the form of a pop-up window.
  + The "OK" button is available on the pop-up window
  + Once the "OK" button is pushed, the pop-up window and change password window are closed
* If the password doesn't meet the validation criteria, the system displays an error message in the form of a pop-up window.
  + The "OK" button is available on the pop-up window
  + Once the "OK" button is pressed, the pop-up window is closed

Password change cancelation

**As a** non-logged in system's user

**I want** to have possibility to resign from password changing at any time

**So that** I will be able to back to the operation in the future

Acceptance criteria:

* The "Cancel" button is available all time on the password change form (independently of forms fillings in status)
* After pushing this button, system presents the pop-up windows with the request of confirmation of change password cancelation message.
  + The "OK" button is available on the pop-up window
  + Once the "OK" button is pushed, the pop-up window and change password window are closed
  + The "Cancel" button is available on the pop-up window

Cancelation of password change cancelation:

**As a** non-logged system's user

**I want** to have the possibility to cancel the password change cancelation.

**So that** I can back to the operation once I pushed the "Cancel" button by chance

Acceptance criteria:

* When the "Cancel" button on the pop-up window is pressed, the system closes the message window.
* Data entered into the password change form will be lost.

**Epic: Logout**

Logging out from the system

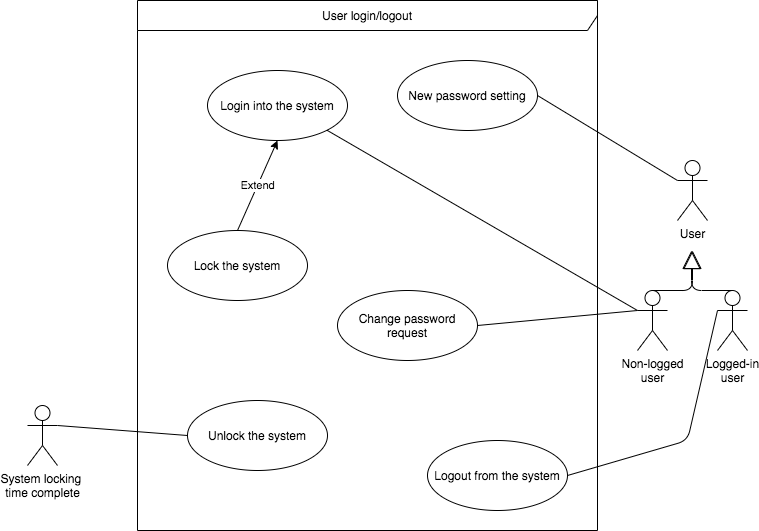
**As a** logged-in system user

**I want** to have the possibility to log out of the system.

**So that** I can correctly and safely complete work with the system

Acceptance criteria:

* The "Logout" button is available in the system
* Pressing this button causes a window with a message about a logout attempt
* Two buttons are available on the message window: "OK" and "Cancel"
* When the "OK" button is pressed user is logged out from the system and the "Login" form with empty fields is opened
* When the "Cancel" button is pressed, the message window is closed



|  |  |
| --- | --- |
| Name | Login into the system |
| ID | Log\_1.1 |
| The aim | Login the user into the system |
| Description | Non-logged user has the possibility to login into the system. For the login user must put in two kinds of information:   * Login name * Password   After the correct login process, the system launches the proper module, based on the user’s rights |
| Author | Jarosław Zając |
| Actor | Non-logged user |
| Start conditions | N/A |
| Final conditions | User logged-in  Appropriate module launched |
| Input data | Login name  Password |
| Output data | N/A |
| Scenarios | Main:   1. User launches system 2. System opens login window 3. User puts input data 4. System checks that data is correct 5. System launches appropriate module, based on user rights   Alternative:  Incorrect input data – not more than two times in a row   1. System checks that input data is incorrect 2. System views message with error details   3rd incorrect data input in a row   1. System checks that input data is incorrect 2. System lock possibility of login data input (login name and password fields are unavailable) 3. System starts to show time to remain to unlock the system |
| Notices |  |

* 1. System user management – clinic staff

**Epic: List of users**

**User stories**

View list of users

**As an** Administrator

**I want** to have the possibility to view a list of users.

**So that** I know which users are available.

Acceptance criteria:

* After choosing “Users” in the main menu system displays a form with a list of users
* The Administrator can perform the following operations:
  + Add new user
  + View user’s details
  + Edit user data
  + Deactivate active user
  + Activate inactive user

Data filtering

**As an** Administrator

**I want** to filter the list of the users

**So that** I will be able to find quickly the proper data

Acceptance criteria:

* The following filters can be used to filter the list of the system’s users:
  + Username
  + First name of the employee
  + The second name of the employee
  + The role the user in the system – choosing from the drop-down list box
* Filtering criteria can be combined

Data sorting

**As an** Administrator

**I want** to sort out the list.

**So that** I can sort the list in ascending or descending order to the selected fields

Acceptance criteria:

* All fields on the list can be used to sort it in ascending or descending order

**Epic: User management**

**User stories:**

Adding new system user

**As an** Administrator

**I want** to have the possibility to enter the data of a new system’s user and confirm it.

**So that** thenew system’s user will be registered in the system.

Acceptance criteria:

* The button “Add a user” is available on the list of users.
* Pressing the button “Add a user” opens a form allowing you to add a new user.
* When a user doesn’t fill in all empty fields and click the “Add” button system will display an error message.
* When the “Cancel” button is pressed, the system closes the adding form.
* The system adds the new User to the database.
* If the user made some changes and tries to leave the editing form without saving it, the system displays a pop-up with confirmation of leaving.
* The system generates login and password and sends an e-mail to the user with information about adding to the system and login data.
* The new user can be added to an already existing employee.
* An employee must be chosen from the drop-down list box.

View the user’s details.

**As an** Administrator

**I want** to have the possibility to view user details

**So that** I know all the information about them.

Acceptance criteria:

* Pressing the “Details” button on the list of users, the system opens the form with all user details
* The following buttons are available:
  + Close – causes closing the window with user details
  + Edit – causes activation of the edit mode of the form

Edit of the user’s data

**As an** Administrator

**I want** to have the possibility to edit the data of a user and confirm it.

**So that** the user data is up to date.

Acceptance criteria:

* Pressing the “Edit” button on the list of users / the “Edit” button on the form with user details, the system opens the form with user details in the edit mode / activates the edit mode of the user details form.
* All data of the edited user can be changed, including the role of the user in the system, excluding user ID
* The cancel button is available to click.
* Once the “Cancel” button is pressed system closes the edit form
* If the user made some changes and tries to leave the editing form without saving it, the system displays a pop-up with confirmation of leaving.
* When the “Save” button is pressed system saves changes in the database and views the list of users.
* The “Change password” button is available.
* After finalizing the operation, the system sends an e-mail to the user with information about changes.

User deactivation from the list

**As an** Administrator

**I want** to have the possibility to deactivate a user and confirm it.

**So that** the user is unable to perform any action in the system.

Acceptance criteria:

* On the list of users, there is a button "Deactivate user".
* When the “Deactivate user” button is pressed, the system displays a message in the form of a pop-up window with two buttons “Deactivate” and “Cancel”.
* When the “Deactivate” button is pressed, the system changes the user status to “Inactive” and closes the pop-up window.
* When the “Cancel” button is pressed, the system closes the pop-up window without changing the status of the edited user.

User deactivation from the user details form

**As an** Administrator

**I want** to have the possibility to deactivate a user and confirm it.

**So that** the user is unable to perform any action in the system.

Acceptance criteria:

* On the details form of users, there is a “Deactivate user” button.
* When the “Deactivate user” button is pressed, the system displays a message in the form of a pop-up window with two buttons “Deactivate” and “Cancel”.
* When the “Deactivate” button is pressed, the system changes the user status to “Inactive” and closes the pop-up window.
* When the “Cancel” button is pressed, the system closes the pop-up window without changing the status of the edited user.

User activation from the list

**As an** Administrator

**I want** to have the possibility to activate a user and confirm it.

**So that** the user would be able to perform actions under her/his permission.

Acceptance criteria:

* On the list of users, there is a button "Activate user".
* When the “Activate user” button is pressed, the system displays a message in the form of a pop-up window with two buttons “Activate” and “Cancel”.
* When the “Activate” button is pressed, the system changes the user status to “Active” and closes the pop-up window.
* When the “Cancel” button is pressed, the system closes the pop-up window without changing the status of the edited user.

User activation from user details

**As an** Administrator

**I want** to have the possibility to activate a user and confirm it.

**So that** the user would be able to perform the same actions which they could perform before being deactivated.

Acceptance criteria:

* On the details of users, there is a button "Activate user".
* When the “Activate user” button is pressed, the system displays a message in the form of a pop-up window with two buttons “Activate” and “Cancel”.
* When the “Activate” button is pressed, the system changes the user status to “Active” and closes the pop-up window.
* When the “Cancel” button is pressed, the system closes the pop-up window without changing the status of the edited user.

**Epic: User password management**

The user’s password changing

**As an** Administrator

**I want** to have the possibility to change the user password

**So that** I will be able to create a new password in case of password is forgotten by the user

Acceptance criteria:

* Once the “Change password” button is pressed the system presents the following fields and buttons after opening the user’s password-changing form:
  + The New password - field is to be filled in by the Administrator
  + The Confirm password - field is to be filled in by the Administrator
  + The "Save" button
  + The "Cancel" button
* The system checks if strings in the fields: "New password" and "Confirm password" are the same.
* The system validates the correctness of entered password with accordance to password policy:
  + password length: not less than 8 characters and not more than 15 characters
  + use of each of the following types of marks at least once:
    - lowercase
    - uppercase
    - digital
    - special sign: "-", "\_", "!". "#", "$", "\*"
* If the password meets the validation criteria, the system doesn’t view the error
* If the password doesn't meet the validation criteria, the system displays an error   
   about incorrect data
* When the user clicks the “Save” button the system saves the new password in the database and closes the form.

Password change cancelation

**As an** Administrator

**I want** to have the possibility to resign from password changing at any time

**So that** I will be able to back to the operation in the future

Acceptance criteria:

* The "Cancel" button is available all-time on the password’s change form (regardless of the forms fillings in status)

After pushing this button, the system presents the user’s data edit form

Obraz zawierający wiosna, sprężyna, natura, zrzut ekranu

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | View list of users |
| Id | UM\_3.1 |
| The aim | Show list of the Users |
| Description | After clicking the button “User management” the list of the Users is displayed for administrator |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | Employees management button was clicked |
| Final conditions | List of the Users is shown |
| Input data | - |
| Output data | User data |
| Scenarios | Main:   1. Employees management button was clicked by administrator 2. System shows the list of the employees   Alternative:  Closing the window:   1. The administrator clicks on the “Cancel” button 2. System closes window |
| Notices | - |

|  |  |
| --- | --- |
| Name | Adding new system user |
| Id | UM\_3.2 |
| The aim | New user is added to the list |
| Description | When the “Add new user” button is pressed system opens an adding user form which after filling will add new user to the list |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | List of the Users is shown |
| Final conditions | New user is shown into the list of users |
| Input data | Username  Password  Role  Employee |
| Output data | - |
| Scenarios | Main:   1. Administrator clicks on “User list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Add new user” button 4. System opens “Add new user” form 5. Administrator inputs data and confirms by clicking “Add” button 6. System adds new user to the database 7. System shows list of users   Alternative:   1. Button “Cancel” closes the window |
| Notices | - |

|  |  |
| --- | --- |
| Name | View the user’s details. |
| Id | UM\_3.3 |
| The aim | View user details |
| Description | Pressing the “Details” button on the list of users, the system opens the form with all user details |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | List of the Users is shown |
| Final conditions | Details of the User are shown |
| Input data | - |
| Output data | Employees data |
| Scenarios | Main:   1. Administrator selects the appropriate employee 2. Administrator clicks Details button 3. System opens the form with all user details   Alternative:  Button “Cancel” is clicked   1. System closes window |
| Notices | - |

|  |  |
| --- | --- |
| Name | Edit of the user’s data |
| Id | UM\_3.4 |
| The aim | Edit user’s data |
| Description | Administrator has the possibility to edit user’s data |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | List of the Users is shown |
| Final conditions | Edited user is shown in the list |
| Input data | Username  Role  Status  Employee |
| Output data | - |
| Scenarios | Main:   1. Administrator clicks on “User list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Edit user” button 4. System opens “Edit user” form 5. Administrator inputs data and confirms by clicking “Save” button 6. System adds edited data to the database 7. System shows list of users   Alternative:  Change user’s password   1. Administrator clicks “Change password” button 2. System displays changing password’s form 3. Administrator inputs new password and confirms it by clicking “Save” button 4. System saves new password in database   Cancellation   1. Button “Cancel” closes the window |
| Notices | - |

|  |  |
| --- | --- |
| Name | User deactivation from the list |
| Id | UM\_3.5 |
| The aim | Deactivating a user from the list. |
| Description | Administrator has the possibility to change the employee’s status to Inactive |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one active User exists. List is open. |
| Final conditions | The user has “Inactive” status. |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. The administrator navigates to the user’s list. 2. The administrator selects the "Deactivate user" button for a specific user. 3. The system displays password confirmation form 4. Administrator inputs password 5. System deactivates user and displays user’s list   Alternative:  Cancellation   1. Button “Cancel” cancels the process |
| Notices | - |

|  |  |
| --- | --- |
| Name | User deactivation from the user details form |
| Id | UM\_3.6 |
| The aim | Deactivating a user from the user details form. |
| Description | Administrator has the possibility to change the employee’s status to Inactive |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one active User exists. Details are open. |
| Final conditions | The user has “Inactive” status. |
| Input data | N/A |
| Output data | N/A |
| Scenarios | 1. The administrator opens the edition form of user. 2. The administrator clicks on the "Change status of user" button. 3. The system displays a pop-up window with password confirmation 4. Administrator inputs password 5. System changes status and displays user list |
| Notices | - |

|  |  |
| --- | --- |
| Name | User activation from the list |
| Id | UM\_3.7 |
| The aim | Activating a user from the list. List is open. |
| Description | Administrator has the possibility to change the employee’s status to Active |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one unactive User exists |
| Final conditions | The user has “Active” status. |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:  Main:   1. The administrator navigates to the user’s list. 2. The administrator selects the "Reactivate user" button for a specific user. 3. The system displays password confirmation form 4. Administrator inputs password 5. System reactivates user and displays user’s list   Alternative:  Cancellation  Button “Cancel” cancels the process |
| Notices | - |

|  |  |
| --- | --- |
| Name | User activation from user details |
| Id | UM\_3.8 |
| The aim | Activating a user from the user details form. |
| Description | Administrator has the possibility to change the employee’s status to Active |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one unactive User exists. Details are open. |
| Final conditions | The user has “Active” status. |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. The administrator opens the edition form of user. 2. The administrator clicks on the "Change status of user" button. 3. The system displays a pop-up window with password confirmation 4. Administrator inputs password   System changes status and displays user list |
| Notices | - |

* 1. System parameters and dictionaries management

**Epic: doctor’s specializations**

**User stories**

Adding a specialization  
**As an** Administrator  
**I want** to have the possibility to add a new doctor’s specialization  
**So that** I will be able to update the list of specializations

Acceptance criteria:

* When the “Add a specialization” button is pressed system opens an adding specialization form with an empty field (specialization name) and two buttons: “Add” and “Cancel”
* The “Add” button is available to press. After pressing it, the new specialization is saved in the database
* When the “Cancel” button is pressed system closes the adding form
* If the user entered a specialization name and tries to leave adding form without saving, the system displays a pop-up with confirmation of leaving
* The new specialization name must be unique
* The system adds a new specialization to the list of specialization
* The system closes the adding form and views the list of specializations

Editing a specialization  
**As an** Administrator  
**I want** to have the possibility to edit existing doctor specialization  
**So that** I will be able to edit a specialization if it is needed

Acceptance criteria:

* When the “Edit” button is pressed system opens an editing form with a filled-in field (specialization name) and two buttons: “Save” and “Cancel”
* The “Save” button is available to click, after which the changed specialization will be saved in the database
* When the “Cancel” button is pressed system closes the editing form
* If the user made some changes name and tries to leave the editing without saving, the system displays a pop-up with confirmation of leaving
* Once the “Save” button is pressed system saves changes and views the list of specializations
* The updated specialization name must be unique
* The system saves changes and updates them in the database

Removing a specialization  
**As an** Administrator  
**I want** to have the possibility to remove existing doctor specialization from the list of doctors  
**So that** I will be able to remove a specialization if it is needed

Acceptance criteria:

* When the “Remove” button is pressed system displays a window with confirmation of specialization removing
* If the “Delete” button is pressed system removes a specialization from the list of specializations
* If the “Cancel” button is pressed system cancels the specialization removing
* Removed can be only specialization which is not assigned to any doctor now

**Epic: setting up the time to login page unlock**

**User stories**

Setup the time to unlock the login page

**As an** administrator

**I want** to have the possibility to set up the “Time to unlock login page” parameter

**So that** I will be able to change the value of the parameter

Acceptance criteria:

* The user can fill out the number of minutes of the parameter

Obraz zawierający tekst, diagram, zrzut ekranu, linia

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | Adding a specialization |
| Id | DS\_2.1 |
| The aim | possibility to add a new doctor’s specialization |
| Description | When the “Add a specialization” button is pressed system opens an adding specialization form which after filling will add new specialization to the list |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | List of the employees is shown |
| Final conditions | adding specialization form is shown |
| Input data | specialization name |
| Output data | New Specialization |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Edit Specializations” button 4. System opens “Edit Specializations” form 5. Administrator inputs name of specialization and clicks “Add” button 6. Button “Add” closes the information window and the adding the new Specialization form. 7. The system adds the new Specialization to the database   Alternative:   1. Button “Cancel” closes the window   If the user made some changes name and tries to leave the editing without saving   1. system displays a pop-up with confirmation of leaving |
| Notices | - |

|  |  |
| --- | --- |
| Name | Editing a specialization |
| Id | DS\_2.2 |
| The aim | editing existing doctor specialization’s |
| Description | When the “Edit” button is pressed system opens an editing form with a filled-in field (specialization name) and two buttons: “Save” and “Cancel” |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | List of the employees is shown |
| Final conditions | edit specialization form is shown |
| Input data | specialization name |
| Output data | Edited Specialization |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Edit Specializations” button 4. Administrator selects the appropriate specialization and inputs data 5. Administrator clicks edit button 6. System saves changes and views the list of specializations   Alternative:  Cancel the window   1. System closes window   If the user made some changes name and tries to leave the editing without saving   1. system displays a pop-up with confirmation of leaving |
| Notices | - |

|  |  |
| --- | --- |
| Name | Removing a specialization |
| Id | DS\_2.3 |
| The aim | remove existing doctor specialization from the list of doctors |
| Description | When the “Remove” button is pressed system displays a window with confirmation of specialization removing |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | List of the employees is shown |
| Final conditions | window with confirmation of specialization removing is shown |
| Input data | - |
| Output data | - |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Edit Specializations” button 4. Administrator selects the appropriate specialization and clicks “Remove” button 5. Administrator clicks Remove button 6. System displays a window with confirmation of specialization removing 7. System removes a specialization from the list of specializations   Alternative:   1. Button “Cancel” closes the window |
| Notices | - |

* 1. Employees management

**Epic: List of employees**

**User stories:**

Launching the “Employees management” functionality

**As** **an** administrator

**I want** to have the possibility to launch the functionality of employees’ management

**So that** I will have access to all functions of the system allowing managing staff of the clinic

Acceptance criteria

* The button allowing access to the employees’ management functionalities is available on the administration module dashboard
* Clicking the button opens a screen with the list of employees

View list of employees

**As an** Administrator

**I want** to have the possibility to review the list of employees

**So that** I can have access to all employees in one place.

Acceptance criteria:

* The list of employees is presented in tabular form
* The list can be arranged in ascending and descending order
* The list can be filtered by the user
* The system presents the following buttons after opening the form:
  + Button “Add new employee”
  + Button “Review employee”, next to each employee – after pressing, the system opens the view employee’s details form.
  + Button “Deactivate employee”, next to each employee – after pressing, the system opens deactivating employee form.

Filter list of employees

**As an** administrator

**I want** to filter the data

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows filtering employees on:
  + Active or inactive status.
  + Roles

Sort list of employees

**As an** administrator

**I want** to have the possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows you to sort from:
  + Alphabetically ascending
  + Alphabetically descending

**Epic: Employee management**

Adding the employee

**As an** Administrator

**I want** to have the possibility to add an employee to the system

**So that** they will be able to start work in the clinic.

Acceptance criteria:

* The button “Add new employee” is available on the list of employees and pressing it opens a new form that allows you to enter the data of a new employee and confirm it.
* The button “Next” is disabled if mandatory fields aren’t filled.
* The button “Cancel” is available.
* Once the "Cancel" button is pressed the adding form is closed.
* Once input data is incorrect, the system generates and presents the message with information about incorrect input data.
* The form can be filled in with the following kinds of data:
  + Mandatory:
    - Personal data
      * First name
      * Last name
      * The PESEL
    - Date of birth – chosen from the calendar
    - Role – chosen from the drop-down list
  + Optionally:
    - Correspondence address
    - E-mail address
    - Phone number
    - Sex
* Validation rules:
  + PESEL policy:
    - The number needs to have 11 numbers
    - The First 6 numbers contain the short date of birth (DDMMYY)
    - The penultimate number must match the sex of the employee:
      * Even or zero in the case of female
      * Odd in the case of male
  + E-mail policy
    - The E-mail needs to contain @.
    - The E-mail needs to contain valid syntax.
    - The E-mail needs to contain a valid top-level domain.
    - The E-mail needs to contain the recipient's name.
  + The mobile number needs to have 9 numbers.
* If the chosen role is the Medical Doctor, then a list of specialties is shown up.
* If any of the following data doesn’t meet the data policy, there’s a pop-up window with information about putting the data wrongly.
* The button “OK” closes the window and allows an administrator to correct the data.
* After clicking the “Next” button system opens a new form that allows you to optionally add a new user to the employee.
* You can skip this step by pressing the “Skip” button and the system adds a new employee to the system.
* An administrator needs to fill following data:
  + Login
  + Password
* The system shows a pop-out window message: “Employee added”.
* The system adds the new employee to the database and sets their status to Active.
* The system sends an e-mail to the user with information on login data.
* The system shows the information on successfully adding an employee to the database.
* Button “OK” closes the information window and the adding the new employee form.

View of employee details

**As an** Administrator

**I want** to have the possibility to view employee’s details

**So that** I can see significant information as personal data.

Acceptance criteria:

* The button “Review employee” is available and pressing it opens a new form that allows you to view and change the data of an employee and confirm it.
  + The button is available on the view list of employees.
* The button “Cancel” is available.
* Once the "Cancel" button is pressed the view of the employee’s details form is closed.
* The system allows you to see all employee’s data.
* The system presents the following buttons after opening the form:
  + Button “Edit employee” – after pressing, the system launches the edit mode of the employee data.

Editing of employee data

**As an** Administrator

**I want** to have the possibility to change the data of an existing employee and confirm it

**So that** I will be able to update their date in the system

Acceptance criteria:

* The button “Edit employee” is available and pressing it opens a new form that allows updating an employee's data and confirming it.
  + The button is available on the view list of employees and views employee’s details.
* The button “Confirm” is disabled if all fields aren’t filled.
* The button “Cancel” is available.
* Once the "Cancel" button is pressed the editing form is closed.
* Once input data is incorrect, the system generates and views the message with information about incorrect input data.
* Validation rules are the same as for the “Add new employee” user story
* If any of the following data doesn’t meet the data policy, there’s a pop-up window with information about putting the data wrongly.
* Button “OK” closes the window and allows an Administrator to correct the data.
* The system shows a message window with information about “Employee’s data changed.”
* Button “OK” closes the message window.

Employee’s deactivation

**As an** Administrator

**I want** to have the possibility to change the employee’s status to Inactive

**So that** the employee can no longer work

Acceptance criteria:

* The button “Deactivate employee” is available and pressing it opens a new form that allows you to deactivate the employee and confirm it.
  + The button is available in the list of employees.
  + The form can also be launched by changing the employee’s status from active to inactive in updating the employee’s data form.
* The button “Confirm” is unavailable if fields aren’t filled.
* The button “Cancel” is available.
* Once the "Cancel" button is pressed the deactivation form is closed.
* The field to fill is:
  + Administrator’s password
* If a password is wrong, the system shows a pop-up window.
  + Button “OK” closes the pop-up window.
* If the employee is an active user of the system, the user account is automatically deactivated.

Employee reactivation

**As an** Administrator

**I want** to have the possibility to reactivate deactivated early employee

**So that** the employee will be able to back to work

Acceptance criteria:

* There is the possibility to find employees with the “Deactivated” status.
* On the list of employees with the “Disactivated” status, the “Reactivate” button is available
* Clicking on the “Reactivated” button changes the status of the employee to “Active”.
* The operation needs to be confirmed by the Administrator.
* Once an inactive employee had access to the system (associated with the system user), the user is also automatically reactivated.

Obraz zawierający tekst, diagram, zrzut ekranu, linia

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | Show list of employees |
| Id | EM\_1.1 |
| The aim | Show list of the employees |
| Description | After clicking the button “Employees management” the list of the employees is displayed for administrator |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | * Employees management button was clicked |
| Final conditions | List of the employee’s is shown |
| Input data | - |
| Output data | Employees data |
| Scenarios | Main:   1. Employees management button was clicked by administrator 2. System shows the list of the employees |
| Notices |  |

|  |  |
| --- | --- |
| Name | Review employee |
| Id | EM\_2.1 |
| The aim | Show details of the employes |
| Description | After clicking the button “Review employee” the form that allows you to view and change the data of an employee is shown |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | * List of the employees is shown |
| Final conditions | Details of the employee is shown |
| Input data | - |
| Output data | Employees data |
| Scenarios | Main:   1. Administrator selects the appropriate employee 2. Administrator clicks review button 3. System opens “Review employee” form and presents employee data   Alternative:  Button “Cancel” is clicked   1. System closes window |
| Notices | - |

|  |  |
| --- | --- |
| Name | Edit employee |
| Id | EM\_1.3 |
| The aim | Edit employee’s data |
| Description | After clicking the button “edit employee” the form that allows you to view and change the data of an employee is shown |
| Author | Adam Gadzinowski |
| Actor | Administrator |
| Start conditions | * List of the employees is shown |
| Final conditions | Details of the employee is shown |
| Input data | First name  Last name  PESEL  Correspondence address  E-mail address  Phone number  Sex |
| Output data | Employees data |
| Scenarios | Main:   1. Administrator selects the appropriate employee 2. Administrator clicks edit button 3. System opens “edit employee” form and presents employee data in the edit mode   Alternative:  Cancel the window   1. System closes window   Access to the edit employee data from employee details   1. Administrator clicks on the revive button 2. System shows employee details 3. Administrator clicks on the edit button 4. System changed the mode of the screen to editable |
| Notices | - |

|  |  |
| --- | --- |
| Name | Deactivate employee |
| Id | EM\_1.4 |
| The aim | Deactivate employee |
| Description | The button “Deactivate employee” is available and pressing it opens a new form that allows you to deactivate the employee and confirm it. |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one active employee exists. |
| Final conditions | The employee deactivation form has been launched. |
| Input data | Administrator’s password |
| Output data | N/A |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator chooses employee from the list and clicks on “Deactivate employee” button 4. The system displays password form 5. Administrator inputs password 6. The system verifies that the password is correct. 7. The user’s account is automatically deactivated, and the windows closes.   Alternative:  Cancellation of the process:  2. The user clicks on the “Cancel” button.  3. The system closes the window.  Entering the wrong password:  2. The administrator enters an incorrect password.  3. The system checks and verifies that the password is incorrect.  4. The system displays a window with information that the password is wrong. |
| Notices | - |

|  |  |
| --- | --- |
| Name | Reactivate Employee |
| Id | EM\_1.5 |
| The aim | Reactivate Deactivated employe |
| Description | Clicking on the “Reactivated” button changes the status of the employee to “Active”. |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | At least one inactive employee exists. |
| Final conditions | The form to reactivate the employee has been launched |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator chooses employee from the list and clicks on “Reactivate employee” button 4. The system displays password form 5. Administrator inputs password 6. The system verifies that the password is correct. 7. The user’s account is automatically reactivated, and the windows closes.   Alternative:  2. The user clicks on the “Cancel” button  3. The system closes the window. |
| Notices | - |

|  |  |
| --- | --- |
| Name | Add new employee |
| Id | EM\_1.6 |
| The aim | Adds new employee to the system |
| Description | After clicking the button “Add New employee” system opens a new form that allows you to enter the data of a new employee and confirm it. |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | List of the employees is shown |
| Final conditions | New Employee data is added to the database |
| Input data | First name  Last name  PESEL  Correspondence address  E-mail address  Phone number  Sex |
| Output data | New Employee data |
| Scenarios | Main:   1. Administrator clicks on “Employee list” button in the menu on dashboard 2. System opens window with list of employees 3. Administrator clicks on “Add new employee” button 4. The system opens “Add New Employee” window. 5. The administrator enters the input data for the new employee. 6. The system checks and verifies that the input data is correct. 7. The system displays a window with information that the employees has been added. 8. The system adds the new employee to the database and sets their status to active. 9. The system closes the „Add New Employee” form.   Alternative:  Input data is incorrect:   1. The administrator enters incorrect input data for the new employee. 2. The system checks and verifies that the input data is incorrect. 3. The system generates a message with information about the incorrect input data.   Input data does not meet the data policy:   1. The input data for the new employee does not meet the data policy. 2. The system checks and verifies that the input data does not meet the data policy. 3. The system generates a window with a message about putting the data in incorrectly.   Button “Next” is clicked:   1. The administrator clicks on the “Next” button. 2. The administrator enters the input data for the new employee. 3. The system displays a window with information that the new employee has been added. 4. The system adds the new employee to the database and sets their status to active. 5. The system sends an email to the user with information on their login data. 6. The system closes the “Add New Employee: form.   Process is canceled:   1. The administrator clicks on “Cancel” button 2. The system closes the window. |
| Notices | - |

* 1. Offices management

**Epic: Offices in the clinic management**

**User stories**

View of offices list

**As an** Administrator

**I want** to have the possibility to review the offices' list

**So that** I know which offices are available.

Acceptance criteria:

* The button "Offices" is available on the main form.
* When the button "Offices" is pressed, the system displays a form with a list of rooms.
* Once no one office is registered, the empty list is presented.

Adding new office

**As an** Administrator

**I want** to have the possibility to enter data of a new office and confirm it

**So that** I will be able to assign a room to the doctor.

Acceptance criteria:

* There is the possibility to add a new office from the list of offices.
* Each office must have a number, specialization – chosen from the list, and information that can be used for general meetings or specialized only.

Edit the office’s data

**As an** Administrator

**I want** to have the possibility to edit the data of an office and confirm it

**So that** the office’s data is up to date

Acceptance criteria:

* The office can be:
  + Deactivated – being active
  + Activated – being inactive
  + Renumerated
  + Changed into another specialization
  + Checked/unchecked as a general (dedicated for general meetings)

Deleting office

**As an** Administrator

**I want** to have the possibility to delete data of an office and confirm it

**So that** I will be able to delete them from the list of offices

Acceptance criteria:

* On the list of offices, there is a button "Delete", beside the room’s name.
* When the “Delete” button is pressed, the system displays a message in the form of a pop-up window with two buttons “Delete” and “Cancel”.
  + When the “Delete” button is pressed, the system deletes room from the database.
  + The only office not planned for a future visit may be deleted.
  + When the “Cancel” button is pressed, the system closes the pop-up window.

Obraz zawierający diagram, linia, tekst, krąg

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | Show list of offices |
| ID | RM\_1.1 |
| The aim | Administrator can see the list of offices |
| Description | Administrator can see list of offices using “Offices” option on dashboard. |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Administrator dashboard is open |
| Final conditions | List of offices is open |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. Administrator clicks on “Office list” button in the menu on dashboard 2. System opens window with list of offices |
| Notices |  |

|  |  |
| --- | --- |
| Name | Add new office |
| ID | RM\_2.1 |
| The aim | Add new office to the system |
| Description | Administrator has the possibility to add an office to the system |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | List of offices is open |
| Final conditions | Adding new office form is open |
| Input data | Correct office data |
| Output data | New office data |
| Scenarios | Main:  1. Administrator clicks on “Add new office” button  2. System opens adding new office form  3. Administrator puts input data  4. Administrator clicks on “Add” button  5. System checks that data is correct  6. System adds new office to list of offices and database  7. System closes “Add new office form” and opens the list of offices  Alternative:  “Add” button is pressed with empty fields:  System makes “Add” button unable to click by Administrator  “Cancel” button is pressed:  System closes “Add new office form” and opens the list of offices  Incorrect input data  1. System checks the correctness of data  2. System makes “Add” button unable to click by Administrator |
| Notices |  |

|  |  |
| --- | --- |
| Name | Edit office’s details |
| ID | RM\_3.1 |
| The aim | Update current information about office |
| Description | Administrator can edit office data |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | List of offices is open |
| Final conditions | Form to edit office data is open |
| Input data | Correct office data |
| Output data | New office data |
| Scenarios | Main:   1. Administrator chooses and office from the list of offices 2. Administrator clicks on “Edit office” button 3. System opens editing office form 4. Administrator puts input data 5. Administrator clicks on “Save” button 6. System checks that data is correct 7. System shows message that data was changed 8. System updates data in the system 9. System closes the window   Alternative:   Incorrect input data  5. System checks that data is incorrect  6. System makes “Save” button unable to click by Administrator  “Cancel” button is pressed without any changes  3. System closes the window  “Cancel” button is pressed with any changes  4. System displays an additional window with confirmation of closing  5. Administrator clicks on “Confirm” button  6. System closes confirmation window and editing office window |
| Notices |  |

|  |  |
| --- | --- |
| Name | Remove office |
| ID | RM\_4.1 |
| The aim | Removing chosen office |
| Description | Administrator can remove chosen office |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Offices list is open |
| Final conditions | Window with confirmation of removing office is open |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:  1. Administrator clicks on “Delete office” button  2. System opens confirmation of office removal form  3. Administrator clicks on “Delete” button  4. System removes office from system  6. System show message with confirmation of removal  5. System closes the window  Alternative:   “Cancel” button is pressed by Administrator  1. Administrator clicks on “Cancel” button  2. System closes the window |
| Notices |  |

* + 1. Calendars handling

Calendar lifecycle

1. Template defining by administrator – administrator defines the calendar for next month, putting all free days and working hours when patients can be serviced. Let’s assume for simplicity, that the clinic is open between 7 am m d 8 pm. That means that the first visit can begin at 7 am and the last is to finish at 8 pm. Each visit time is planned for 20 minutes. Between every four hours, a short break (20 minutes) is included. The clinic works from Monday to Saturday.
2. The Administrator adds a list of planned terms based on the current month. The system automatically generates terms of planned visits for all active doctors.
3. The Administrator fills in terms for new doctors and saves the calendar as a version for confirmation by doctors.
4. The system automatically sends an e-mail to all doctors with information about the generation of a new calendar. The link to the calendar is attached to the message.
5. The doctor, after reading an e-mail, clicks on the link, and the system opens the doctor’s calendar in the system. A doctor can open a calendar manually, as well.
6. The doctor can accept the calendar, makes changes, or reject the whole calendar.
   1. Calendar accepted – acceptance by the first doctor, changes the status of the calendar to “Partially accepted. The acceptance by all doctors changes the status of the calendar to “Accepted”. The fully accepted calendar can be handled furthermore.
   2. The calendar changed – after confirmation of changes, the system checks any conflict with planned terms on the same dates, hours, and offices. If conflicts don’t exist, new terms go to the calendar. In case of conflict occurs, the system generates a pop-up message for a doctor. The doctor can change terms or restore the originally generated by the system.
   3. Terms rejected – if a doctor rejects a term and confirms it, the system checks that as a free.
7. The administrator could activate the new calendar after all doctors have approved their calendars.

**Epic: calendar generation**

**User stories**

Generation of a new calendar based on a blank form

**As an** Administrator

**I want** to generate a new calendar based on a blank form

**So that** I will be able to fill in all data on the calendar manually

Acceptance criteria:

* After generation, the form of the calendar is empty (no term is filled in)
* The calendar is filled in according to the following flow and conditions:
  + An administrator chooses the month
  + The system generates a new calendar, based on the natural calendar for the chosen month. Only working days are added to the calendar. As a result, a list of working days in the calendar is generated. For each day list of available terms is generated. The clinic is open between 7 am and 8 pm. That means that the first visit can begin at 7 am and the last is to finish at 8 pm. Each visit time is planned for 20 minutes. Between every four hours, a short break (20 minutes) is included. The clinic works from Monday to Saturday.
  + Next, the schedule for each doctor is created:
    - An administrator selects the doctor for whom the schedule will be prepared
    - An administrator selects the date from calendar generated
    - An administrator selects the cabinet where visits will be carried out
    - An administrator selects terms when the doctor will be able to admit patients on the visit
    - An administrator saves selected data
    - The action is repeated for each doctor
    - Only one meeting in the same cabinet can be scheduled at a time (day and term)
    - Meetings for many doctors can be scheduled on the same day in the same cabinet.

Generation of a new calendar based on the previous/current month

**As an** Administrator

**I want** to have the possibility to generate a new calendar based on the previous/current month

**So that** the new calendar will be filled in the same terms as the template one and the process of calendar generation will be facilitated.

Acceptance criteria:

* As a template month, any earlier or current month can be selected
* The system automatically fills in the calendar
* An Administrator has the possibility to make changes to the generated calendar according to conditions described in the “Generation of a new calendar based on the blank form” user story.

Update a calendar

**As an** Administrator

**I want** to have the possibility to change the calendar

**So that** the calendar can be updated

Acceptance criteria:

* Updated can be only not activated yet the calendar
* The operation can be performed from the list of calendars or details of the selected calendar.
* Changes can be made according to conditions described in the “Generation of a new calendar based on the blank form” user story

Calendar removing

**As an** Administrator

**I want** to have the possibility to remove the existing calendar

**So that** the calendar will not be able to use for scheduled appointments

Acceptance criteria:

* Removed can be an only inactive calendar.
* The operation can be performed from the list of calendars or details of the selected one.

Calendar sending for approval

**As an** Administrator

**I want** to have the possibility to send a calendar for approval to doctors

**So that** the doctors will be able to accept, modify or reject it

Acceptance criteria:

* For approval can be sent only the non-activated calendar

**Epic: List of calendars**

View the list of calendars by the administrator

**As an** Administrator

**I want** to have the possibility to view the list of calendars

**So that** I will be able to select the proper one

Acceptance criteria:

* The list of calendars can be filtered and sorted

Filter list of calendars by the administrator

**As an** Administrator

**I want** to filter the list of calendars

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows filtering calendars on:
  + Calendar name
  + Status

Sort list of calendars by the administrator

**As an** Administrator

**I want** to have the possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows sorting the list from:
  + Alphabetically ascending
  + Alphabetically descending

**Epic: Calendar management:**

View details of the selected calendar by the administrator

**As an** Administrator

**I want** to have the possibility to view details of the selected calendar

**So that** I will be able to check the details and make the decision about editing

Acceptance criteria:

* The system presents details of the calendar after clicking on the selected on the list of calendars
* There is the possibility to edit the calendar

Edit calendar by the administrator

**As an** Administrator

**I want** to have the possibility to edit selected calendar

**So that** the calendar data will be up to date

Acceptance criteria:

* The operation can be performed from the list of calendars or the calendar’s details

Obraz zawierający tekst, diagram, linia, krąg

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | Generating a new calendar |
| ID | CAL 1.1 |
| The aim | Generating a new calendar |
| Description | Administrator has the possibility to generate a new calendar |
| Author | Natalia Heleniak, Paulina Swaczyna, Kamila Zych, Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | System displays the calendar |
| Input data | * Doctor * Office * Date |
| Output data | View a calendar |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. User clicks the button „Add New Plan or Calendar”. 4. System displays a calendar 5. User choose Date and confirms by clicking button “Add new Plan” 6. System displays a window with fields to fill out 7. User fills in the required data 8. System verifies the correctness of the data 9. User clicks the button „Generate and save” |
| Notices |  |

|  |  |
| --- | --- |
| Name | Details view of calendar |
| ID | CAL 1.2 |
| The aim | Details view of calendar |
| Description | Administrator has the possibility to remove calendar from the system |
| Author | Natalia Heleniak, Paulina Swaczyna, Kamila Zych |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | Displays a details view of calendar |
| Input data | N/A |
| Output data | Details of calendar |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. User select a calendar. 4. User clicks the button „Review Calendar”. 5. System displays a window with details of calendar. |
| Notices |  |

|  |  |
| --- | --- |
| Name | Editing a calendar |
| ID | CAL 1.3 |
| The aim | Editing a calendar |
| Description | The user has the possibility to edit the calendar |
| Author | Natalia Heleniak, Paulina Swaczyna, Kamila Zych |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | System displays the edited calendar |
| Input data | * Doctor * Office * Date * Month * year |
| Output data | View an edited calendar |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. User select a calendar. 4. User clicks the button „Edit calendar”. 5. System displays a window with fields to fill out. 6. User fills in the required data. 7. System verifies the correctness of the data. 8. User clicks the button „Edit calendar”. |
| Notices |  |

|  |  |
| --- | --- |
| Name | Displaying a list of calendars |
| ID | CAL 1.4 |
| The aim | Displaying a list of calendars |
| Description | The user has the possibility to display the calendars. |
| Author | Natalia Heleniak, Paulina Swaczyna, Kamila Zych |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | View of calendars list |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. |
| Notices |  |

|  |  |
| --- | --- |
| Name | Filter list of calendars |
| ID | CAL 1.5 |
| The aim | Displaying filtered list of calendar |
| Description | The user has the possibility to filter displayed list of calendars |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | View of filtered calendars list |
| Input data | * Date * Status |
| Output data | N/A |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. Administrator inputs date, status or both. 4. System displays filtered calendars list |
| Notices |  |

|  |  |
| --- | --- |
| Name | Sort list of calendars ascending |
| ID | CAL 1.6 |
| The aim | Displaying list of calendars ascending |
| Description | The user has the possibility to sort list of calendars ascending |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | View of sorted calendars list ascending |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. Administrator clicks the button “Sort Ascending”. 4. System shows the sorted alphabetically ascending list of calendars. |
| Notices |  |

|  |  |
| --- | --- |
| Name | Sort list of calendars descending |
| ID | CAL 1.7 |
| The aim | Displaying list of calendars descending |
| Description | The user has the possibility to sort list of calendars descending |
| Author | Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | View of sorted calendars list descending |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. Administrator clicks the button “Sort descending”. 4. System shows the sorted alphabetically descending list of calendars. |
| Notices |  |

|  |  |
| --- | --- |
| Name | Generating a new calendar based on the selected previous one |
| ID | CAL 1.8 |
| The aim | Generating a new calendar |
| Description | Administrator has the possibility to generate a new calendar based on the previous one |
| Author | Natalia Heleniak, Paulina Swaczyna, Kamila Zych, Maciej Tekliński |
| Actor | Administrator |
| Start conditions | Logged in user with appropriate permissions. |
| Final conditions | System displays the calendar |
| Input data | N/A |
| Output data | View a calendar |
| Scenarios | Main:   1. User clicks with menu on the calendar. 2. The system displays a list of calendars. 3. User selects and clicks the button „Duplicate Calendar”. 4. System displays filled calendar based on the selected one from the list. 5. User clicks the button „Generate and save”. 6. System shows a pop-up with adding confirmation. |
| Notices |  |

1. Doctor’s portal handling
   1. Calendars management

**Epic: current calendar viewing**

**User stories**

Calendar viewing

**As a** doctor

**I want** to have the possibility to view current calendar details

**So that** I will know when the schedule of appointments

Acceptance criteria:

* The calendar is available as an option on the doctor’s dashboard.
* The calendar is presented after clicking on the “Calendar” button.
* Opening the calendar shows a list of days in the current month when a doctor’s duties are scheduled.
* The system allows viewing details of selected days.

View daily visits

**As a** doctor

**I want** to have the possibility to view a list of appointments scheduled for a selected day

**So that** I will be able to plan my daily activities

Acceptance criteria:

* The system presents a list of visits scheduled for the selected day
* The list can be sorted and filtered

Sort the list of visits in the calendar

**As a** doctor

**I want** to have possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows you to sort from:
  + Alphabetically ascending
  + Alphabetically descending

Filter list of visits in the calendar

**As a** doctor

**I want** to filter data

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows to filter employees on:
  + Date of the visit.
  + Patient data

**Epic: appointments cancelation**

**User stories**

Mass cancellation of appointments

**As a** doctor

**I want** to be able to cancel multiple appointments from my calendar

**So that** I will be able to change the status of appointments and inform patients and medical clinic staff and management about it

Acceptance criteria:

* The system allows selecting multiple visits at the same time.
* Canceled can be a future appointment (not today)
* Visits are canceled after clicking the “Cancel” button.
* The operation needs to be confirmed before being performed.

Single cancelation appointment from the calendar view

**As a** doctor

**I want** to have the possibility to cancel a single appointment from the calendar view

**So that** I will be able to change the status of the appointment and inform patients and medical clinic staff and management about it

Acceptance criteria:

* The system allows selecting a single appointment for cancelation
* Canceled can be a future appointment (not today)
* After selecting the appointment, the system starts to present the “Cancel” button
* After clicking that button an operation is launched
* The operation needs to be confirmed before being performed.

Single cancelation of an appointment from an appointment’s detail’s view

**As a** doctor

**I want** to have a possibility to cancel the appointment viewing its details

**So that** I will be able to change the status of the appointment and inform patients, medical clinic staff, and management about it

Acceptance criteria:

* While in the appointment detail view the “Cancel” button is available
* The operation needs to be confirmed before being performed.

**Epic: The future calendar management**

**User stories**

Future calendar viewing

**As a** doctor

**I want** to have the possibility to view the future calendar details

**So that** I could manage it

Acceptance criteria:

* The future calendar is available as an option on the doctor’s dashboard.
* The future calendar is presented after clicking on the “New Calendar” button.
* Opening the calendar shows a list of days in the future months when a doctor’s duties are scheduled.
* The system allows viewing details of selected day
* Following buttons are available on the form:
  + Accept
  + Modify
  + Reject

Calendar acceptance

**As a** doctor

**I want** to have the possibility to accept calendar prepared by the administrator

**So that** the calendar can be accepted

Acceptance criteria:

* After clicking on the “Accept” button on the form with future calendar details, system opens pop-up window with possibility to confirm acceptation by the doctor
* The doctor can opt out of accepting the calendar by clicking on the "Cancel" button in the open pop-up window

Calendar modification

**As a** doctor

**I want** to have the possibility to modify the calendar received from the administrator

**So that** I will be able to adjust the calendar to my preferences

Acceptance criteria:

* The doctor can update the existing terms or add the new
* The doctor sees terms of other doctors in the calendar in the read-only mode
* Changing or adding a new term can be done according to the rules described in the “Generation of a new calendar based on the blank form” user story (The administration module)

Terms rejection

**As a** doctor

**I want** to have the possibility to reject one or more planned terms from the future calendar

**So that** I will be able to adjust the calendar to my preferences

Acceptance criteria:

* The doctor can reject one or more terms at the same time
* The deleted term becomes available to other doctors and the administrator as soon as the doctor accepts the operation

Obraz zawierający tekst, diagram, linia, zrzut ekranu

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | Accept future calendar |
| ID | MAN 1.1 |
| The aim | Accept future calendar by doctor |
| Description | Doctor has possibility to accept calendar prepared by the administrator. After clicking on the button “Accept”, system opens window with possibility to confirm acceptation by the doctor |
| Author | Mateusz Kruk |
| Actor | Doctor |
| Start conditions | Doctor is logged into the system  Form with list of today visits is presented |
| Final conditions |  |
| Input data |  |
| Output data |  |
| Scenarios | Main :   1. Doctor clicks button “Accept” on the form with future calendar details 2. System presents window with possibility to confirm acceptation by the doctor 3. Doctor clicks button “Confirm” 4. Future calendar is accepted   Alternative :  Doctor clicks button “Cancel” on confirmation window :  3. Doctor clicks button “Cancel” in the open window  4. Future calendar is not accepted |

|  |  |
| --- | --- |
| Name | Update terms from calendar |
| ID | MAN 1.2 |
| The aim | Update terms from calendar by doctor |
| Description | Doctor has possibility to update terms to calendar received from the administrator |
| Author | Mateusz Kruk |
| Actor | Doctor |
| Start conditions | Doctor is logged into the system  Form with current calendar details is presented |
| Final conditions | List of visits for selected day is presented with changes |
| Input data | Date of visit  Cabinet, where visit will be carried out  Term of visit |
| Output data |  |
| Scenarios | Main :   1. Doctor selects day from future calendar 2. System presents list of visits for selected day 3. Doctor selects visit 4. System presents new form with details of selected visit 5. Doctor selects button “Modify” 6. System presents new form with new details of selected visit to filled in 7. Doctor fill in the new information about visit 8. Doctor press button “Confirm” 9. System checks availability of chosen date, cabinet and term in database 10. System confirms, that chosen date, cabinet and term are available in database 11. System presents message, that new information is correct 12. System saved changes 13. System presents list of visits for selected day with changes   Alternative :  Doctor gives incorrect new information about visit :  9. System sees, that chosen date, cabinet and term of visit are available in database  10. System presents message, that new information is not correct  11. Doctor correct all information about visit  12. System checks availability of chosen date, cabinet and term in database  13. System confirms, that chosen date, cabinet and term are available in database  14. System presents message, that new information is correct  15. System saved changes  16. System presents list of visit for selected day with changes  Doctor clicks button “Cancel” on form  8. Doctor clicks button “Cancel”  9. System presents form with future calendar details |

|  |  |
| --- | --- |
| Name | Add new terms to calendar |
| ID | MAN 1.3 |
|  | Add new terms to calendar by doctor |
| The aim | Add new terms to calendar by doctor |
| Description | Doctor has possibility to add new terms to calendar received by the administrator |
| Author | Mateusz Kruk |
| Actor | Doctor |
| Start conditions | Doctor is logged into the system  Form with current calendar details is presented |
| Final conditions | List of visits for selected day is presented with changes |
| Input data | Date of visit  Cabinet, where visits will be carried out  Term of visit |
| Scenarios | Main :   1. Doctor selects button “Add term” 2. System presents form, where doctor can gives information about new visit 3. Doctor fill in the information about new visit 4. Doctor clicks button “Confirm” 5. System checks availability of chosen date, cabinet and term in database 6. System confirms, that chosen date, cabinet and term are available in database 7. System presents message, that new information is correct 8. System add new visit into list 9. System presents list of visits for selected day with changes   Alternative :  Doctor gives incorrect information about new visit :  6. System sees, that chosen date, cabinet and term are not available in database  7. System presents message, that new information is not correct  8. Doctor correct all details about visit  9. System checks availability of chosen date, cabinet and term in database  10. System confirms, that chosen date, cabinet and term are available in database  11. System presents message, that new information is correct  12. System adds new visit into list  13. System presents list of visits for selected day with changes  Doctor clicks button “Cancel”   1. Doctor clicks button “Cancel” 2. System presents form with future calendar details |

|  |  |
| --- | --- |
| Name | Rejects terms from calendar |
| ID | MAN 1.4 |
| The aim | Reject terms from calendar by doctor |
| Description | Doctor has possibility to reject selected terms from future calendar |
| Author | Mateusz Kruk |
| Actor | Doctor |
| Start conditions | Doctor is logged into the system  Form with current calendar details is presented |
| Final conditions | Future calendar details is presented with changes |
| Input data | New date of visit |
| Output data |  |
| Scenarios | Main :   1. Doctor selects day from future calendar 2. System presents list of visits for selected day 3. Doctor selects visit 4. System presents new form with details of selected visit 5. Doctor selects button “Reject” 6. System gives choice to doctor between button “Confirm” and button “Cancel” 7. Doctor selects button “Confirm” 8. System rejects visit from future calendar 9. System presents future calendar details with changes   Alternative :  Doctor selects button “Cancel”   1. Doctor selects button “Cancel” 2. System cancels process 3. System presents new form with details of selected visit |

Obraz zawierający tekst, diagram, linia, zrzut ekranu

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name | View calendar details |
| ID | MAN 1.5 |
| The aim | View calendar details by doctor |
| Description | Doctor has possibility to click chosen button, which will present form with current calendar details |
| Author | Mateusz Kruk |
| Actor | Doctor |
| Start conditions | Doctor is logged into the system  Main form of system is presented |
| Final conditions | Form with current calendar details is presented |
| Input data |  |
| Output data |  |
| Scenarios | Main :   1. Doctor chooses button to launch form with current calendar details 2. System presents form with current calendar details |

* 1. Medical visit management

**Epic: List of visits**

**User stories**

View of appointments list

**As a** doctor

**I want** to have the possibility to view a list of visits

**Do that** I will know a number and kinds of a patient for today

Acceptance criteria:

* A list of visits of today is presented on the screen after login into the system by the doctor.
* The system allows filtering and sorting of the list.
* A doctor has the possibility to perform a view of the details of the selected visit.

Filter list of appointments

**As a** doctor

**I want** to filter the list of appointments

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows filtering patients on:
  + A time of an appointment
  + Name and surname of the patient

Sort list of appointments

**As a** doctor

**I want** to have possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows sorting the list from:
  + Alphabetically ascending
  + Alphabetically descending

**Epic: appointments management**

**User stories**

View of an appointment’s details

**As a** doctor

**I want** to have a possibility to view details of an appointment

**So that** I will know crucial information about the appointment

Acceptance criteria:

* After double-clicking on a particular booked appointment, the system displays a pop-up that shows the necessary details of the appointment
* The pop-up that views details can be closed anytime thanks to the “Close” button

Adding results of an appointment

**As a** doctor

**I want** to have a possibility to add comments to a past appointment

**So that** I will be able to fill in some results

Acceptance criteria:

* While in calendar, choosing the appointment displays more options
* Clicking on a button “Register results” opens a new form with gap
* After the button “Confirm change” is clicked, the system adds the comment to the database
* If I do not want to add it, I click the button “Cancel”

Registration of an appointment

**As a** doctor  
**I want** to have the possibility to register an appointment  
**So that** I can book appointments for my patients

Acceptance criteria:

* The button “Register an appointment” is available after clicking on a particular day in the calendar
* Clicking the “Register an appointment” button displays a pop-up that allows the doctor to enter the time of the appointment and important information about the appointment such as personal details of the patient
* Clicking the “Accept” button in the pop-up, registers the appointment in a calendar
* Clicking the “Close” button in the pop-up cancels the registration of the appointment.

**Epic: patients management**

**User stories**

View a patient visit history from a list of patients

**As a** doctor  
**I want** to have the possibility to view patient visit history.  
**So that** I can see the patient's treatment history.

Acceptance criteria:

* After entering a list of patients, the system shows me a list
* After selecting a patient from the list, I want to see his history of visits
* After I want to be able to access more details of the visit

View a patient visit history from the patient’s details

**As a** doctor  
**I want** to have the possibility to view patient visit history.  
**So that** I can see her/his treatment history.

Acceptance criteria:

* While in the patient’s details, the “Treatment history” button is available
* After clicking that button, I can see the main information about the disease and a patient’s history of visits
* The system allows me to view details of selected visit

1. Clinic staff's module

Module for medical clinic staff

Medical clinic personnel responsible for registration patients and doctor appointments use tool described in this chapter.

System supports following processes:

* Managements of clinic patients and their data
* Management of doctor appointments

List of actors using he system

* Clinic registration office staff

Privileges:

* Access to patient management module - this right allows access to the patient management module (the module is available to users with this right) and the realization of all functionalities of this module
* Access to patient visits management module - this right allows access to the patient visits management module (the module is available to users with this right) and the realization of all functionalities of this module

An employee who acts as an employee of the Clinic's registration office must have at least one of the above-mentioned Permissions

* 1. Patients’ management

**Epic: List of patients**

**User stories**

View of patient list

**As a** medical clinic staff member

**I want** to have the possibility to view a patient list

**So that** I know which patients are available.

Acceptance criteria:

* The "Patients" operation is available in the main menu.
* When it is pressed, the system displays a form with a list of patients.
* The “Close” button is available on the list.
* Clicking on the selected patients, opens a screen with the patient’s details.
* The list can be sorted and filtered.

Filter list of patients

**As a** medical clinic staff member

**I want** to filter list of patients

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows to filter patients on:
  + Name and the surname.
  + The PESEL number
  + Date of the latest visit

Sort list of patients

**As a** medical clinic staff member

**I want** to have possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows sorting the list from:
  + Alphabetically ascending
  + Alphabetically descending

**Epic: Patient management**

**User stories**

Adding new patient

**As a** medical clinic staff member

**I want** to have possibility to enter data of a new patient and confirm it

**So that** the patient will have access to services of the clinic.

Acceptance criteria:

* Button “Add a patient” is available on the list of patients
* Pressing the button “Add a patient” opens adding patient form.
* When a user doesn’t fill in all mandatory fields and click “Add” the system will display an error message.
* When the “Cancel” button is pressed, the system closes the adding form.
* The system adds a new patient to the database.

Edit of patient’s data

**As a** medical clinic staff member

**I want** to have the possibility to edit data of a patient and confirm it

**So that** the patient details are up-to-date

Acceptance criteria:

* On the list of patients, "Edit" icon is available, beside to the patient details.
* Pressing the "Edit" icon opens a patient edit form.
* Once “Cancel” button is pressed system closes edit form
* When “Save” button is pressed system save changes in database and views the list of patients

Activation of a patient

**As a** medical clinic staff member

**I want** to have the possibility to activate a patient in the database

**So that** I will be able to book appointments for this patient again

Acceptance criteria:

* Choosing the patient displays more options
* Clicking on a button “Deactivate patient” displays a form with the ask of confirmation
* After the button “Confirm deactivations” is clicked, system changes the patient’s status in database
* If i do not want do authorize patient’s deactivation, I click the button “Cancel”

Remove the patient

**As a** medical clinic staff member

**I want** to have possibility to remove a patient and confirm it.

**So that** I won't be able to use it for any purpose.

Acceptance criteria:

* On the list of patients, there is a "Delete" icon, besides the patient details and other buttons.
* When the “Delete” button is pressed, system displays message in form pop-up window with two buttons “Delete” and “Cancel”.
* When the “Delete” button is pressed, the system deletes a patient from the database.
* When the “Cancel” button is pressed, system closes the pop-up window.

Obraz zawierający diagram, linia, szkic, rysowanie

Opis wygenerowany automatycznie

|  |  |
| --- | --- |
| Name: | View of patients list |
| ID: | RE 1.1 |
| The aim: | View patients list for medical clinic staff |
| Description: | The staff of the medical clinic has access to the list of patients.  Personnel must log into the system. To log in, you must enter two types of information:  Login name  Password.  Launches the appropriate module called Patients to view the list. |
| Author: | Natalia Heleniak |
| Actor: | the staff of the medical clinic |
| Start conditions | logged in user with appropriate permissions. |
| Final conditions | System displays the patient list |
| Input data | N/A |
| Output data | View a Patient Data |
| Scenarios | Main:     1. User clicks with menu on the Patients list. 2. The system displays a list of patients. |
| Alternative: | N/A |
| Name | Adding a new patient to the system |
| ID | RE 1.2 |
| The aim | Adding a new patient to the system |
| Description | A medical clinic staff member has the ability to add a new patient to the system. |
| Author | Natalia Heleniak |
| Actor | the staff of the medical clinic |
| Start conditions | Logged in user with appropriate permissions.  Appropriate patients don’t exist in a database. |
| Final conditions | A new patient is added to the system. |
| Input data | Data of a new patient |
| Output data | New patient in a database |
| Scenarios  Alternative: | Main:     1. the staff of the medical clinic selects the button "Add patient" 2. System opens window for putting on patient data. 3. the staff of the medical clinic enters the patient's data. 4. press add patient button 5. The system verifies that all required fields have been completed. 6. The system saves a new patient to the database.   1.Missing required data  2. Incorrect data  3. Recurring data |

|  |  |
| --- | --- |
| Name | Remove the patient. |
| ID | RE 1.3 |
| The aim | Remove the patient |
| Description | A medical clinic staff member has the ability to remove a patient to the system. |
| Author | Natalia Heleniak |
| Actor | the staff of the medical clinic |
| Start conditions | logged in user with appropriate permissions.  Appropriate patients who existing in the database may be deleted. |
| Final conditions | The patient is removed for the system |
| Input data | N/A |
| Output data | N/A |
| Scenarios | Main:  1. Clinic staff selects the patient they want to remove 2. the medical clinic staff clicks the "Remove patient" button.  3. the system displays message box asking for a confirmation of performed action  4. the user confirms the action with the "ok" button  5. System display window with confirm password.  6. User a fill field of the password.  7. User clicks button “ Confirm”  8. system removes the selected patient  9. the system displays the current patient list |
| Alternative:    Name  ID  The aim  Description | 1. The user refuses to remove the selected patient  2. the system cannot remove the patient who has an appointment for a medical visit.  Patient editing  RE 1.4  Patient editing  A medical clinic staff member Has the ability to edit a patient in the system. |
|  |  |
| Author | Natalia Heleniak |
| Actor | the staff of the medical clinic |
| Start conditions | logged in user with appropriate permissions.  Appropriate patients existing in the database can be edited. |
| Final conditions | The patient's data is being changed. |
| Input data | up-to-date patient data |
| Output data | changed patient data |
| Scenarios | Main:  1. User clicks from menu "patient list" 2. The system displays a window with patient list view  3. User Clicks on selected patient  4. The system opens a view with the data of the selected patient  5. the user changes the data of the selected patient 6. User clicks "Patient Edit"  7. the system verifies if the data is correct 8. system saves changed data to database |
|  |  |
| Alternative: | 1. the user refuses to edit the selected patient  2. Incorect data typed in by user  3.Missing required data  4. Recurring data |
|  |  |
| Name | Review of patient data |

ID RE 1.5

The aim Review of patient data

Description A medical clinic staff member has the ability to review patient data in the system.

Author Natalia Heleniak

Actor the staff of medical clinic

Start

condition logged in user with appropriate permissions.

Final patient data

condition

Input data N/A

Output data N/A

Scenarios 1. The system opens a window with a list of patients after logging in  
  
 2. User click of selected patient  
  
 3. The system opens a window with patient data

4. User clicks button “Show details”

5. System dislplays window with details of patient.

Alternative N/A

|  |  |
| --- | --- |
| Name | Patient Activation |

ID RE 1.6

The aim Patient Activation

Description A medical clinic staff member has the ability to activation patient in the system.

Author Natalia Heleniak

Actor the staff of medical clinic

Start patient data

condition

Final active patient

condition

Input data N/A

Output data N/A

Scenarious 1. The system opens a window with a list of patients

after logging in system   
  
2. User click of selected patient  
  
3. User clicks "activate patient"

4. System displays window to input password.

5. User writing password.

6. User clicks button “ Confirm”

7. The system activates the selected patient or activates automatically by adding a new patient to the list.

Alternative 1. User dosen’t want to activition the patient.

2. User writing wrong password.

3. Chosen patient is active , system display information “ Patient is active !”.

|  |  |
| --- | --- |
| Name | Patient deactivation |

ID RE 1.7

The aim Patient deactivation

Description A medical clinic staff member has the ability to deactivation patients in the system.

Author Natalia Heleniak

Actor the staff of medical clinic

Start patient data

condition

Final deactive patient

condition

Input data N/A

Output data N/A

Scenarios 1. The system opens a window with a list of patients after logging in  
  
 2. User click of selected patient  
  
 3. User clicks "deactivate patient"

4. System displays window to input password.

5. User writing password.

6. User clicks button “ Confirm”

7. the system displays a window with confirmation of the execution of a given action

8. user clis “ok”  
 9. The system deactivates the selected patient

Alternative 1. the user does not want to deactivate the patient

* 1. Appointments management

**Epis: list of appointments**

**User stories**

Viewing list of appointments

**As a** medical clinic staff member

**I want** to have a possibility to view list of appointments

**So that** I will be able to see all appointments

Acceptance criteria:

* While in a calendar, clicking on the button “Display appointments” shows a new form with all appointments listed
* The system allows filtering the list.
* The system allows sorting the list.

Filter list of appointments

**As a** medical clinic staff member

**I want** to filter the list of appointments

**So that** I can see only the chosen data on the list.

Acceptance criteria:

* The system allows to filter patients on:
  + Name and the surname of patient.
  + The PESEL number
  + Date of the visit
  + Doctor specialization
  + Doctor name/surname

Sort list of patients

**As a** patient management staff

**I want** to have possibility to organize data on the list

**So that** the order of presented data will be changing.

Acceptance criteria:

* The system allows sorting the list from:
  + Alphabetically ascending
  + Alphabetically descending

**Epic: Appointment’s management**

**User stories**

Registering a new appointment

**As a** medical clinic staff member

**I want** to have a possibility to register an appointment

**So that** I will be able to schedule a new patient-doctor meeting

Acceptance criteria:

* Clicking on a button “Register an appointment” opens a new form with gaps
* As long as all the gaps aren’t filled in a button “Add an appointment” is disabled
* If the data is incorrect, a system will show a message with information about it
* The system adds a new appointment to the database and calendar

Rescheduling an appointment

**As a** medical clinic staff member

**I want** to have a possibility to change an appointment time

**So that** I will be able to reschedule

Acceptance criteria:

* While in a calendar, choosing the appointment displays more options
* Clicking on a button “Reschedule” opens a new form with gap
* After the button “Confirm change” is clicked, the system checks if the gap is filled and changes the appointment time in a calendar and a database
* If I do not want to change it, I click the button “Cancel”
* If the data is incorrect, a system will show a message with information about it.

Canceling an appointment

**As a** medical clinic staff member

**I want** to have a possibility to cancel an appointment

**So that** I will be able to remove it from a calendar

Acceptance criteria:

* While in calendar, choosing the appointment displays more options
* Clicking on a button “Cancel appointment” opens a new form with gap
* After the button “Confirm change” is clicked, system removes the appointment from database
* The term of removed appointment is free and can be used for a new appointment.
* If I do not want to change it, I click the button “Cancel”

Issuing a confirmation

**As a** medical clinic staff member

**I want** to have possibility to issue an appointment confirmation with payment details

**So that** I will be able to send it to the patient

Acceptance criteria:

* While in calendar, choosing the appointment displays more options
* Clicking on a button “Issue a confirmation” generates a PDF with appointment confirmation and payment details

Cleaning the calendar from outdated and past visits

**As a** medical clinic staff member

**I want** to have possibility to clean a calendar

**So that** I will be able to remove past and cancelled appointments from it

Acceptance criteria:

* While in calendar, clicking on a button “Clear the calendar” shows a new form with two buttons
* After the button “Confirm change” is clicked, system removes the appointment from database
* If I do not want to do it, I click the button “Cancel”

Displaying appointment details

**As a** medical clinic staff member

**I want** to have the possibility to check the details of an appointment

**So that** I will be able to see a data of a certain appointment

Acceptance criteria:

* While in appointments display, clicking on an appointment shows more options
* Clicking on a button “Show details” opens a new form that shows all data connected with that appointment

Obraz zawierający tekst, diagram, linia, krąg

Opis wygenerowany automatycznie

Name Register new appointment

ID: AP 1.1

The aim: Register new appointment

Description: User can add a new appointment.

Author: Paulina Swaczyna, Kamila Zych, Natalia Heleniak

Actor: The staff of the medical clinic

Start conditions Logged in user with appropriate permissions.

Final conditions System register a new appointment

Input data Data patient and data doctor, available date

Output data New appointment in database

Scenarios 1. User choose button “patients”.

2. System display list of patients.

3. User choose button “view appointments”.

4. System displays calendar with available dates.

5. User choose button “Add new appointment”

6. System displays window with data to choose.

7. User choose patient, doctor and date.

8. User clicks button “Add appointment”.

9. System add new visit to database.

Alternative: Title: User doesn’t want to add a new appointment

1-6 The same as in the main scenario.

7. User clicks button “back”.

1-7 The same as in the main scenario.

8. User clicks button “back”.

Name View list of appointments.

ID: AP 1.2

The aim: Viewing list of appointments

Description: User can display list of appointments.

Author: Paulina Swaczyna, Kamila Zych, Natalia Heleniak

Actor: The staff of the medical clinic

Start conditions Logged in user with appropriate permissions.

Final conditions System display appointments.

Input data N/A

Output data N/A

Scenarios 1. User choose button “patients”.

2. System display list of patients.

3. User choose button “view appointments”.

4. System displays calendar with available dates.

5. User choose button “Display appointments”

6. System displays window with list of the appointments.

Alternative: N/A

Name Cancel an appiontment.

ID: AP 1.3

The aim: Canceling an appointment.

Description: User can cancel one appointment.

Author: Paulina Swaczyna, Kamila Zych, Natalia Heleniak

Actor: The staff of the medical clinic

Start conditions Logged in user with appropriate permissions.

Final conditions System cancel one appointment.

Input data N/A

Output data N/A

Scenarios 1. User choose button “patients”.

2. System display list of patients.

3. User choose button “view appointments”.

4. System displays calendar with available dates.

5. User choose button “Display appointments”

6. System displays window with list of the appointments.

7. User choose an appointment which he want cancel.

8. User clisks button “Cancel appointment”.

9. System display window with confirm password.

10. User a fill field of the password.

11. User clicks button “ Confirm.”

12. System cancel appointment.

13. System display window with information “Appointment cancelled”

Alternative: Title: User doesn’t want to cancel a selected appointment

1-9. The same as in the main scenario.

10. User clicks button “Cancel”.

1-10. The same as in the main scenario.

11. User clicks button “Cancel”.

Name Show details of the appointment.

ID: AP 1.4

The aim: Show deatils of the appointment.

Description: User can display the details of the appointment.

Author: Paulina Swaczyna, Kamila Zych, Natalia Heleniak

Actor: The staff of the medical clinic

Start conditions Logged in user with appropriate permissions.

Final conditions View details of chosen appointment.

Input data N/A

Output data N/A

Scenarios 1. User choose button “patients”.

2. System display list of patients.

3. User choose button “view appointments”.

4. System displays calendar with available dates.

5. User choose button “Display appointments”

6. System displays window with list of the appointments.

7. User choose an appointment which he want cancel.

8. User clisks button “Show details”.

9. System displays window with details of the chosen appointment.

Alternative: N/A