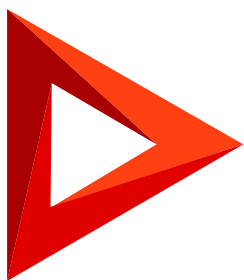


Pharma

Version 8.0



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Install Pharma Creatio

Pharma Creatio functionality is designed to efficiently schedule the med reps' visits to doctors and pharmacies, build routes on the map, manage the visit activities and assist med reps during the visits.


Attention. This function is unavailable for the Oracle DBMS.

Use a mobile device with the Creatio application installed during your visits. After selecting the required visit in the calendar, you will be transferred to the visit page, which will display the visit action list and switches for each action.

During a visit, the system will prompt the required steps. For example, when performing the [*Presentation*] action, the screen will automatically display a presentation of new products, etc.

During a visit, you can add orders based on visit results, create a list of products and their number and write down stock keeping unit (SKU) monitoring results and product facing check results.

You need to install the app from the marketplace to access the field functionality. To do so:

1. Click  in the main Creatio application.
2. Click [*Installed applications*]. The app management page opens.
3. Click [*Add application*] → [*Choose from Marketplace*].
4. Install the “Pharma Creatio” app.

If your Creatio application is deployed on-site, make sure that the application is not restricted from accessing the Internet, before you attempt to install “Pharma Creatio.” To do so:

1. Grant access to the web site <http://marketplace.creatio.com/>.
2. Install the “Pharma Creatio” app: <http://marketplace.creatio.com/app/pharma-creatio>.

Learn more: [Install applications from the Marketplace](#).

Attention. Pharma functionality requires at least 1 Pharma Creatio package license. To access the pharma functionality, all med rep users must be licensed separately.

When the pharma package is installed, several new elements will appear in Creatio:

For example, the [*Contacts*] section will now display the “Doctor” and “Pharmacist” contact types. The contact page will display the [*Specialty*], [*Category*], [*Potential*], [*Loyalty*] fields and the [*Categorization history*] detail. Additionally, the [*Products*] tab with a detail that contains a list of drugs that are promoted via this contact.

The [*Accounts*] section will display new account types — “Pharmacy”, “Pharmacy network,” and the [*Products*] tab with a detail containing a list of products promoted via an account.

The product page [*General information*] tab will display the [*Contacts*] and [*Accounts*] details. The details contain a list of contacts and accounts that promote the product. The product page [*Categorization*] detail will

display a new [*Nosology*] field. This field is used to specify the disease the medicine is subscribed for.


The [*Accounts*] and [*Contacts*] tabs will become available in the [*Visit scheduling*] view of the [*Activities*] section. The [*Contacts*] tab shows the list of physicians. The [*Accounts*] tab shows the list of pharmacies, pharmacy networks and hospitals.

The “Pharma” folder in the [*Lookups*] section will contain the following lookups: [*Doctor potential setup*], [*Doctor loyalty setup*], [*Nosology*], [*Doctor specialties*]. New activity categories will be added: “Doctor visit” and “Pharmacy visit.”. Two new rules will be added in the field sales lookup: “Doctor visit rule” and “Pharmacy visit rule”.

Set up rules and actions of a med rep visit

Visit rules determine the different types of visits and med rep’s “to-do” list for each visit type. This enables you to plan med rep visits with a few clicks, as Creatio will populate the properties of each visit automatically, according to applicable visit rule.

You can set up rules for physician and pharmacy visits, as well as the list of activities that your employees must follow during visits. For example, the first step of any visit is the “Check-in” action, which confirms that the med rep has actually arrived at the visit site. Completing this action will automatically save the information about the employee's location. Other visit activities may include presentation of new products, order placement and “Check-out”.

1. Open the system designer by clicking  in the top right corner of the application window.
2. Click the [*Lookups*] link in the [*System setup*] block.
3. Click the [*Field sales rules*] lookup.
4. On the lookup content page, click the [*New rule*] button.
5. Populate the required fields:
 - a. Populate the rule name, for example, “Visit to a doctor rule — I quarter”.
 - b. In the [*Start*] and [*Due*] fields, specify the time limit of rule validity.
 - c. Specify visit duration (including travel time) in the corresponding field. The specified duration will be used by the system when creating visit activities.
 - d. In the [*Number of visits*] field, enter the approximate number of visits of this type that a med rep can perform during one day.
 - e. In the [*Visit category*] field, select the “Visit to the doctor” or “Visit to the pharmacy” value.
6. Save the changes.
7. Similarly, specify the other rules. Normally, different visit rules apply to different periods and locations. As a result, these rules will be taken into account when building a schedule for the med reps. If several rules can be applied to a sales outlet, Creatio will let you choose which rule to use.

Manage med rep visit actions

A list med rep’s actions during a visit is set up on the [*Actions during visit*] detail of the [*Field sales rules*] lookup.

To add an action:


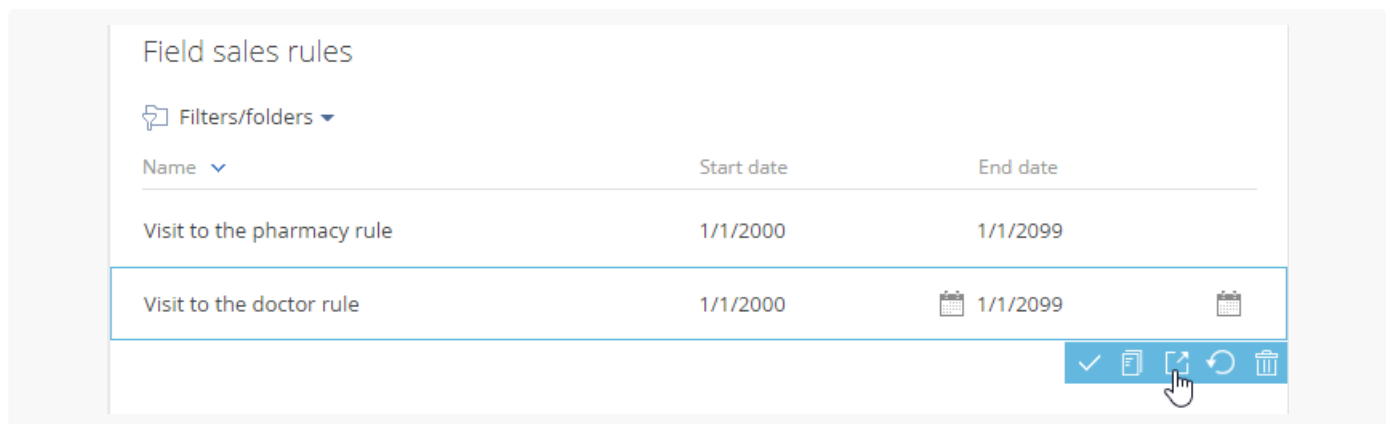

1. Open the [*Field sales rules*] lookup.
2. Select a rule to form an action and click  (Fig. 1).

Fig. 1 Open a rule for editing



3. On the rule page, expand the [*Actions during visit*] detail and click + .
4. Populate the columns of the new record:
 - a. Select the visit action type “Check-in”, “Check-out” “Presentation” or “Number of patients.”
 - b. To set up sequence of med rep activities, use the [*Actions priority order*] field.
 - c. Select the [*Required*] checkbox for the actions that the med rep should not be able to skip. The med rep will not be able to complete the visit until all the required actions are performed.
5. Click  to save the visit action.
6. Similarly, add the rest of the visit actions.

As a result, when planning visits in the [*Activities*] section, the [*Visit actions*] will be populated automatically. The list of actions on the detail will correspond to the list of actions set up in the lookup for the corresponding visit rule.

The [*Action types*] lookup contains a pre-configured list of actions performed during a visit to a doctor or pharmacy. These actions are available by default when setting up actions for physician or pharmacy visits on the [*Actions during visit*] detail of the [*Field sales rules*] rules. You can supplement the list of available action types by adding the needed types to the [*Action types*] lookup. Med rep can complete an action by toggling a switch in the mobile device. The connection between visit actions and system sections (e.g., creating a new contract based on a visit action) is carried out only through development.

Pre-configured rules for “Visit to the doctor”

Check-in	When the action is performed, the system receives the GPS coordinates of the med rep's location and the visit is assigned the "In progress" status.
Presentation	When the action is performed, a PowerPoint or PDF presentation will open on the mobile device if it has been added to the [<i>Attachments and notes</i>] detail of the visit.
Number of patients	A pharmaceutical rep, based on the information from a physician specifies the number of patients that the physician treats regularly and whose diagnoses requires treatment by the promoted product. Based on this value, the doctor is categorized.
Promoted products	When performing this action during visits, a pharmaceutical rep, based on the information from a physician specifies how many units of promoted products has the physician prescribed since the last visit.. Based on this value, the doctor is categorized.
Check-out	When the action is performed, the system receives the GPS coordinates of the med rep's location and the visit is assigned the "Completed" status.

Pre-configured rules for "Visit to the pharmacy"

Check-in	When the action is performed, the system receives the GPS coordinates of the med rep's location and the visit is assigned the "In progress" status.
Presentation	When the action is performed, a PowerPoint or PDF presentation will open on the med rep's mobile device if it has been added to the [<i>Attachments and notes</i>] detail of the visit.
SKU Monitoring	Opens the SKU monitoring window for the med rep to enter changes in SKUs and specify whether the products are on display in a pharmacy.
Check-out	When the action is performed, the system receives the GPS coordinates of the med rep's location and the visit is assigned the "Completed" status.






Add a presentation to a visit

Set up the [*Presentation*] action to enable the pharmaceutical reps show presentation from a mobile device during visits.

Create a knowledge base article and add a PowerPoint presentation (*.pptx) or PDF file on its [*Attachments*] detail. Then, connect the article to the action. As a result, during a visit the presentation will open automatically on the mobile device.

Note. You can add not only PowerPoint presentations or PDF files but also any other document to the knowledge base article. When performing the "Presentation" action, this document will be opened using the standard applications of the mobile device.

To add a presentation to a med rep visit action:

1. Open the system designer by clicking  in the top right corner of the application window.
2. Click the [*Lookups*] link in the [*System setup*] block.
3. Click the [*Field sales rules*] lookup.
4. Select the required rule, for example, “Visit to the doctor” and expand by clicking the  button.
5. Open the [*Actions during visit*] detail.
6. Select the “Presentation” record and click .
7. On the displayed page, expand the [*Presentation*] detail and click .
8. In the displayed string, click  in the field.
9. In the displayed lookup, select a knowledge base article with an attached presentation.
10. If necessary, add other knowledge base articles with attachments.

As a result, the med rep’s mobile device will display the presentation and the med rep will have access to other added knowledge base articles on the [*Attachments*] detail.

Set up a list of promoted products

When monitoring SKU, a med rep must only see a list of products promoted via a doctor or pharmacy. This is done by setting up individual lists of promoted products for each customer contact or account. There are two ways to do this.

To set up the list of products promoted via **accounts**:

- Go to the [*Accounts*] detail of the product page and add the list of all accounts that promote the product. The information about the product will be automatically added to the [*Products*] detail of an account page.
- Add the promoted products to the [*Products*] detail of the account page of the account where the products must be promoted. The information about accounts will be added to the [*Accounts*] detail of the product page.

To set up the list of products promoted via **contacts**:

- Go to the [*Contacts*] detail of the product page and add the list of all contacts that promote the product. The information about the product will be automatically added to the [*Products*] detail of a contact page.
- Alternatively, add the promoted products to the [*Products*] detail of the contact page of the contact who promotes the product. The information about the product will be automatically added to the [*Products*] detail of a contact page.

As a result, the connection between promoted products and accounts/contacts will be set. During a visit to a pharmacy, when performing the [*SKU monitoring*] action, a med rep will see only the products promoted via this account. During a visit to a doctor, when performing the [*Promoted products*] action, a med rep will see only the products promoted via this contact.



Note. If an account has more than one subsidiary companies, when adding products to the [*Products*] tab of the parent company, added products will appear on the corresponding tabs of the subsidiary companies. However, when adding new products to subsidiary company pages, the products will not be

added to the parent company page. When deleting products from the [*Products*] tab of the parent company, the products will not be removed from the subsidiary companies' pages.

Schedule med rep visits

Schedule visits of your pharmaceutical reps to physicians and pharmacies and build routes on the map using the [*Visit scheduling*] view of the [*Activities*] section.

The [*Visit scheduling*] view has the following functional areas:

1. **Contact list.** The area displays the list of doctors with scheduled visits. To display a list of contacts with a certain system user as owner, specify the owner's full name in the schedule quick filter. The records in the list of contacts can be filtered via the [*Apply filter*] command of the  menu.
2. **Account list.** The list displays pharmacies and hospitals where you can schedule visits. To display a list of accounts with a certain system user as owner, specify the owner's full name in the schedule quick filter. You can filter the records in the accounts list by selecting the [*Apply filter*] option from the  button menu.
3. **Med rep's calendar.** The calendar in the [*Visit scheduling*] view is similar to the standard user calendar. The titles of days in the calendar contain additional buttons that allow the user to build the pharmaceutical rep's daily route.
4. **Route map.** The map that displays the pharmaceutical rep's daily route.

Schedule visits automatically

Use the [*Cyclic tasks*] section in Pharma Creatio to automatically plan medical rep visits to pharmacies and physicians. A cyclic task is an activity that includes multiple visits planned for a certain period of time. You can create cyclic tasks in the [*Cyclic tasks*] section. One cyclic task may schedule multiple visits over a certain period.

Note. After installing the "Pharma Creatio" app, make sure you add the [*Cyclic tasks*] section to the needed workplaces.

1. Add a cyclic task

1. Go to the [*Cyclic tasks*] section.
2. Click the [*New task*] button.
3. On the displayed page, fill in the required fields. On the displayed page, populate the required fields: specify the name of the cyclic task, the start and the end dates, and the owner. The owner must be a contact for which the system user is created.
4. On the [*General information*] tab:
 - a. Add the visit category. Specify the name of the category in the [*Name*] field.
 - b. In the [*Quantity*] field, specify the total number of visits you want to schedule for the selected time frame. The [*Days between visits*] and the [*Visits frequency per month*] field values are populated automatically.

Note. If you change the values in either one of the [*Quantity*], [*Days between visits*] and the [*Visits frequency per month*] fields, the values in the other two fields will be automatically recalculated based on the total task execution period.

- Select the lookup value in the [*Visit rule*] field to specify the rule according to which the visit will be performed. The field is populated from the [*Field sales rules*] lookup.
 - Select the contacts and accounts in the [*Doctors*] and [*Pharmacies*] details.
5. In the [*Products*] tab, specify a list of products, which the medical rep will promote for physicians and pharmacies.

Note. During automatic visit planning, the products specified on the [*Promoted products*] detail will be promoted instead of those specified on the [*Products*] tab of a contact (doctor), or an account (pharmacy) page.

6. Save the cyclic task (Fig. 1).

Fig. 1 Populated cyclic task page

The screenshot shows the 'Product promotion' page in the Creatio system. The page has a sidebar on the left with fields for Name, Start date, End date, Quantity of scheduled visits, Available quantity of visits, and Owner. The main content area has tabs for 'GENERAL INFORMATION', 'PRODUCTS', and 'FEED'. The 'PRODUCTS' tab is active, showing a table of visit categories and lists of doctors and pharmacies.

Name	Quantity	Days between visits	Visits frequency per month	Visit rule
Doctor visits	1	41	0.7	Visit to the doctor rule
Pharmacy visits	4	8	3.8	Visit to the pharmacy rule

Full name	Category	Account
Brian Keelan	A	Felini Institutions

Name	Address	Category
Fare Pharma	Rigaer St., 64	

Note. We recommend planning your visits quarterly to analyze product promotion results correctly.

2. Schedule med rep visits using cyclic tasks

After adding a cyclic task, proceed to schedule visits. To do so:

1. Open the cyclic task created on the previous step. Use the [*Calculate available visits*] command of the [*Actions*] menu on the cyclic task page to calculate available visit slots. As a result, Creatio will populate the [*Available quantity of visits*] field of the cyclic task page (Fig. 2)

Fig. 2 Available visit quantity

The screenshot shows a form for a cyclic task. The fields and their values are:

- Name*: Product promotion
- Start date*: 9/26/2021
- End date*: 10/31/2021
- Quantity of scheduled visits: 5
- Available quantity of visits: 220 (highlighted with a red box)
- Owner*: John Best

2. When the calculation is finished, the [*Schedule visits*] action will become available on the cyclic task page (Fig. 3).

Fig. 3 The [*Schedule visits*] action

The screenshot shows the 'Product promotion' page. The 'ACTIONS' menu is open, and the 'Schedule visits' option is highlighted. The menu items are:

- Unfollow the feed
- Calculate available visits
- Schedule visits (highlighted)

3. Run the [*Schedule visits*] action to start the process of automatic visits scheduling in accordance with the configured parameters and physician and medical rep calendars. You will receive a notification when the visits are scheduled. The [*Quantity of scheduled visits*] will display the number of scheduled visits. The visit activities will appear on the [*Activity*] detail of the corresponding contacts and accounts.

Automatic scheduling of visits

The algorithm for automatic visit planning is as follows:

1. Creatio determines the route starting point. The current location of a sales rep responsible for the visit can be a starting point. The location is determined based on the information from the [*Addresses*] detail of the

corresponding contact page. If the contact's address is not specified, the system will use the address from the connected account page.

2. Creatio determines the closest sales outlet to the starting point. The optimal car route is determined within the 200 km radius.
3. Creatio checks the working hours of both the physician (pharmacy) and the medical rep.

Note. When checking the working hours of visit participants, the system analyzes the calendars of the medical rep and the doctor.

4. The system will create the first visit if the schedules of the medical rep and the physician (pharmacy) coincide. If the visit time is outside of the working hours of both parties, the system will look for the next closest location. Further planning and creation of visits is carried out in the same way.

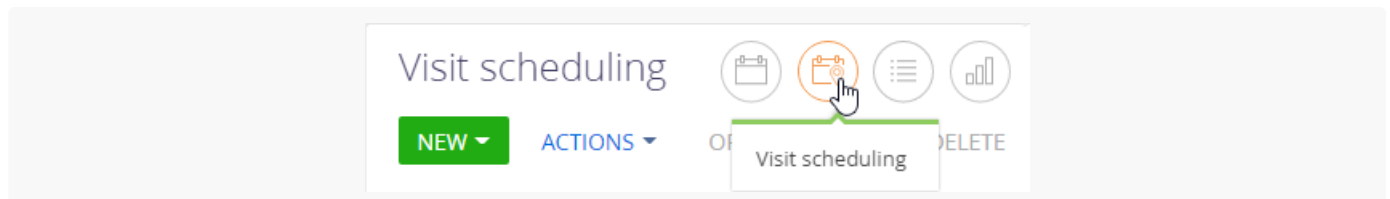
Schedule visits manually

Note. Before scheduling visits, make sure that the rule that applies to the visit corresponds to the needed time period and visit category. Setting up visit rules is performed in the [*Field sales rules*] lookup.

To schedule a visit:

1. In the [*Activities*] section, select the [*Visit scheduling*] view (Fig. 4).

Fig. 4 Selecting the [*Visit scheduling*] view



2. On the opened page, in the calendar filter area select the time period and the employee to schedule visits for.
3. If you plan a physician visit, select that physician's contact and drag it to the calendar area (Fig. 5).

Fig. 5 Adding a visit to the calendar

If more than one rule is set up for the period, a rule selection window will open (Fig. 6).

Fig. 6 Selecting a visit rule

Note. Visit rules are set up in the [*Field sales rules*] lookup.

As a result, the calendar will contain a new activity with the “Visit” type. The contact that you dragged on the schedule area will be specified in the corresponding visit. The list of actions set up in the [*Field sales rules*] lookup will be added to the visit. The duration of the visit will correspond to the value from the corresponding visit rule. If necessary, you can change the visit duration manually.

4. Pharmacy visits are scheduled in a similar way, by dragging an account to the schedule.

Note. When the calendar of visits has been changed, use the map to view the changes in the pharmaceutical rep's route. Canceled visits are not taken into account when building a route.

To automatically connect a manually created visit to a cyclic task, the following parameters must coincide:

- visit time frame
- promoted product
- physician and/or pharmacy

If the above parameters are the same in the [*Cyclic task*] field of the [*Connected to*] detail of the [*Basic Information*] tab of the manually scheduled visit, the name of the associated cyclic task is displayed.

Configure a personal calendar

When planning visits, weekends and business hours are taken into account. Therefore, it is required to configure calendars prior to planning visit dates. By default, a single basic calendar with the following characteristics is set up in the system:

- Time zone GMT 0, without daylight saving time.
- 5-day workweek (from Monday till Friday).
- 8-hour workday (from 9:00 AM to 6:00 PM), without lunch break.
- Workdays with irregular business hours and holidays are not included.

This calendar is specified as default in the [*Base calendar*] system setting (“BaseCalendar” code). You can modify the standard calendar according to the working schedule of your company, or create a new one and add it to the system setting as the default one. Additionally, you can create personal calendars for pharmacies and doctors who your medical representatives are going to visit. The [*Base calendar*] system setting (“BaseCalendar” code) must be filled in for correct work of calendars. The system will refer to the [*Base calendar*] system setting if a contact’s calendar is not configured.


Example. A process of setting up a contact’s personal calendar with a six-day workweek and a shorter day on Saturday is described below. The lunch break is fixed, its duration is 1 hour.

To create a new calendar:

1. Select “Calendar” in the [*Actions*] menu on the contact page.
2. Confirm adding a new personal calendar by clicking [*Yes*].
The page for setting up the personal calendar of the contact will open. The [*Name*] and [*Time zone*] fields are populated automatically. The [*Name*] field is read-only, but you can change the time zone if necessary.
3. In the [*User*] field, specify the company rep who will perform visits to the contact. Their working hours will be taken into consideration when planning visits.
4. Edit the workweek settings. The default week parameters match the parameters of the base calendar. Set the day type as “Work” for all days from Monday to Friday, “Reduced” for Saturday and “Day off” for Sunday.
5. Set up work time. Set the technical break by separating the work time into two intervals, before and after the

break: 9:00 AM – 1:00 PM and 2:00 PM – 6:00 PM.

6. Specify all holidays on the [*Days off*] tab.

Note. The [*Calendars*] lookup may also be used to configure personal calendars of contacts. The setup sequence is the same. Open the system designer by clicking the  button at the top right corner of the application window.

Build a route for a med rep

Using the map allows you to save your pharmaceutical reps' time when moving around the city.

Med outlet is displayed on the map in accordance with the GPS coordinates specified on the account page. By default, when building routes, Creatio used the last added address of the pharmacy account.

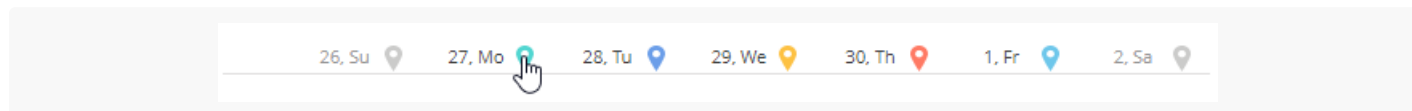
In case of a physician visit, last added address of the corresponding hospital account is used. The address is displayed on the [*Addresses*] detail of the [*Contact info*] tab of the contact page.


Note. You can view the address of the sales outlet on the map and the title of the selected visit by clicking the marker of the visit.

When all the visits are added to the map, build a route.

To **view routes for one day**, tap the  button located in the day title of the calendar (Fig. 8).

Fig. 8 Building a route for a med rep



As a result, the map will display all visits for the selected day. The order of visits on the map will correspond to their order in the schedule. The  button in the day title will change its color. The button color will correspond to the color of the route on the map. The route color is different for each day.

You can **view routes for several days** by clicking  for multiple dates.

Note. On the map, the point that the route starts from is your current location (your browser will need permission to share your current location). If your browser privacy settings do not permit sharing location, the first point of the route is the value specified in the “Default city for employees” system setting (“EmployeeCityDef” code).

Conduct med rep visits

Pharma Creatio manages med rep’s “to-do” list during the visits and records results of each activity. While in the field, med reps use mobile devices to perform visit actions (presentation, SKU monitoring, order placement, etc.) and report on their results. We recommend that med reps use tablets for the best experience when working in

the field. Visit pages are most informative when viewed in horizontal layout.

Attention. Only the users that are included to the “Sales representatives” role can use the Pharma features in the mobile app.

Medical rep action results are recorded in Creatio on the [*Actions - Visit*] detail of the visit activity page.

Note. Use the [*Field sales rules*] lookup to customize the list of visit actions.

All actions during a visit can be performed in both online and offline modes of the mobile app. When working [offline](#), you do not need to maintain a constant Internet connection. It is required to periodically synchronize the mobile application with the main application to save the changes made when using the mobile device on Creatio server. You can select the preferable mode in the “Mobile application operation mode” system setting (“MobileApplicationMode” code).

To synchronize the mobile application with the main application:

1. Make sure that the mobile device has established an Internet connection.
2. Open the [*Settings*] section of the mobile application.
3. Click the [*Synchronization*] button.

As a result, the data from the primary application will be displayed in the mobile app and the primary application will display the records that were created using the mobile app.

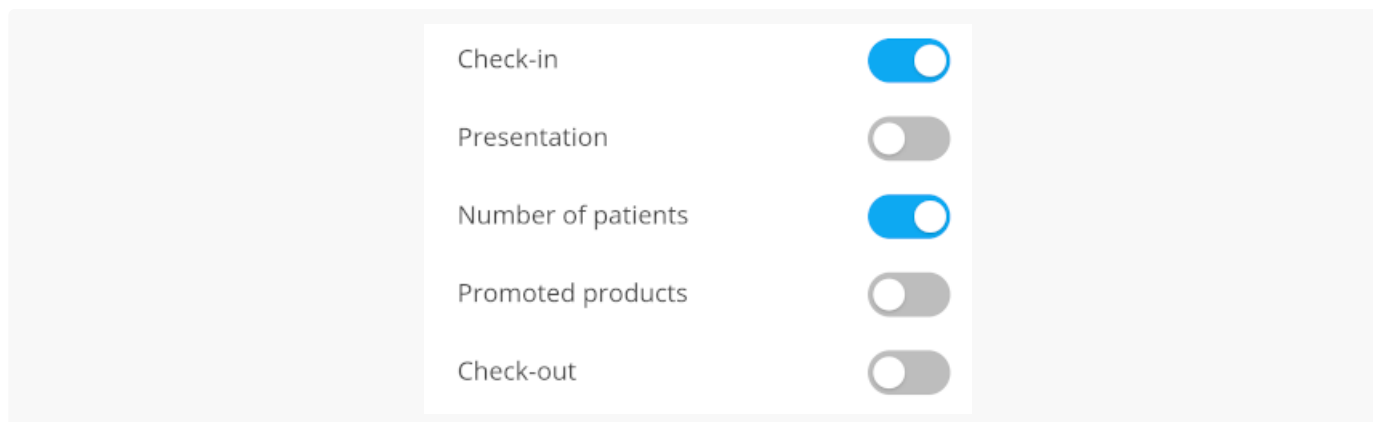
Note. Online mode does not require regular manual synchronization.

To perform an action during a visit:

1. Open the visit page.
2. On the [*Visit actions*] detail, set the switcher next to the needed action to the “Completed” position. The switcher of a completed action is highlighted in blue (Fig. 1).

As a result, the visit action will be considered completed. You can finish the visit once all required actions are completed (you can skip optional visit actions). A field employee cannot complete a required action unless all preceding required actions on the agenda have been completed. Once the last required action is completed, the visit is considered finished. The action that is not required can be skipped.

Fig. 1 Completing visit actions in the mobile app



You can finish the visit once all required actions are completed. To perform the next required action, the previous required action must be completed. As a result, once the last required action is completed, the visit is considered finished. The action that is not required can be skipped.

Show a presentation

If the visit agenda requires conducting a presentation, the “Presentation” action becomes available to the employee. To do this, set the switcher next to the needed action to the “Completed” position.

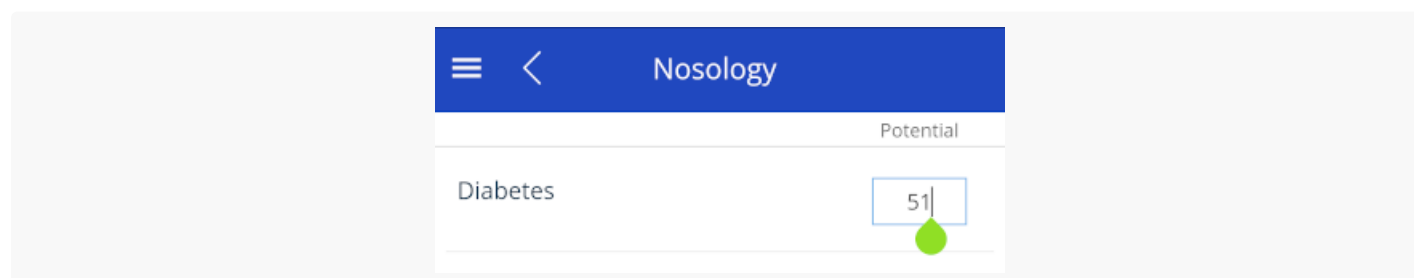
As a result, a presentation file will open in your mobile app, so you can use it during the presentation.

Specify the number of patients

Filling out the number of patients whose diagnoses require treatment with the promoted products, is an important visit action, which affects the categorization of the corresponding physician. Set the switcher next to the needed action to the “Completed” position to complete the “Number of patients” action before filling in the actual number.

A window will open with the list of medical conditions (nosology) that the physician treats and a [*Potential*] field next to each condition. Specify the number of patients that you learned from the physician in the [*Potential*] field of the corresponding nosology (Fig. 2).

Fig. 2 Completing the “Number of patients” action

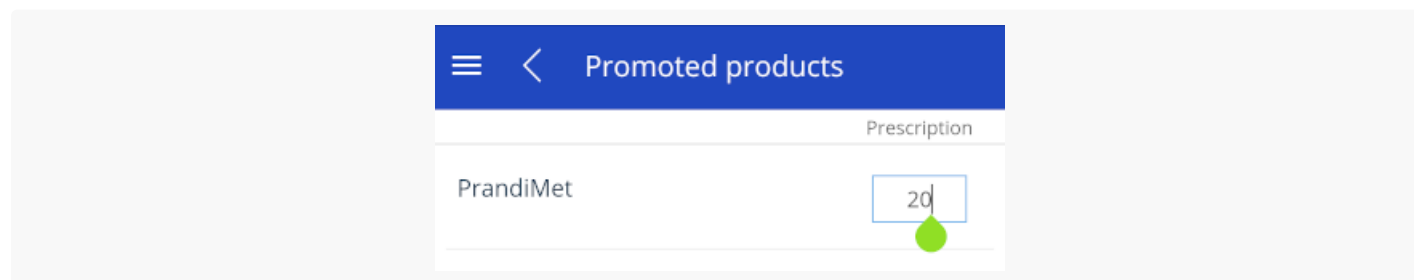


Specify promoted products

Information about the number of prescriptions of the promoted products is used to calculate the physician’s loyalty and the corresponding categorization. The “Promoted products” action is required. To specify the number of prescriptions, mark the corresponding action as “Completed.”

As a result, the app will display the list of promoted products. Enter the number of prescriptions for each product in the [*Prescriptions*] field (Fig. 3).

Fig. 3 Completing the “Promoted products” action

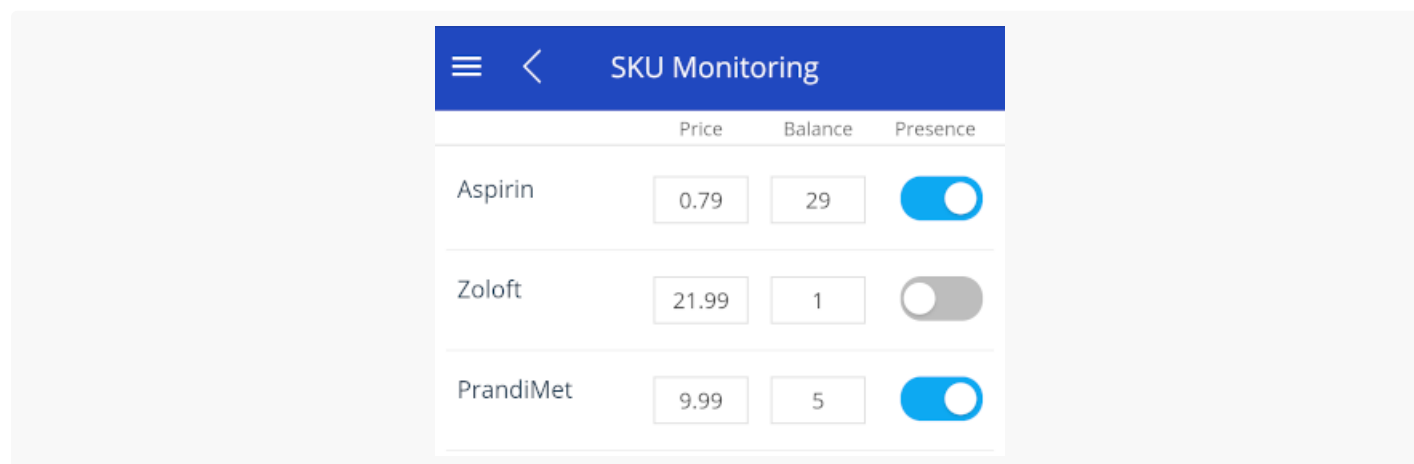


Monitor SKU

During a visit, tap the [*SKU Monitoring*] action. To do this, set the switcher next to the needed action to the “Completed” position.

After you complete this action, a page will open, where you can enter how much of each of the promoted products is left in stock (Fig. 4).

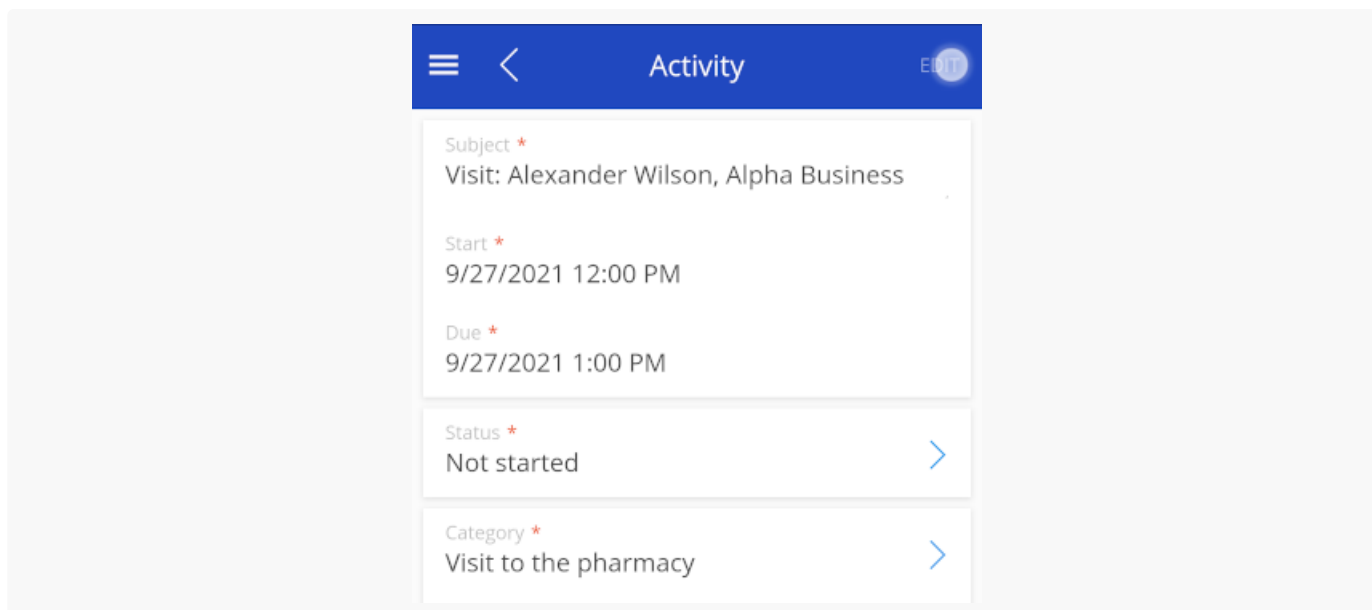
Fig. 4 The SKU monitoring page




You can use your mobile device’s camera to take a **photo of the product facings** and attach it to the visit. To do so:

1. On the section page, click the [*Edit*] button (Fig. 5).

Fig. 5 Opening a visit for editing



2. On the [*Attachments*] detail, click the  button.
3. Select the photo you made earlier and attach it to the activity. You can also use the [*Take picture*] action. The mobile device will switch to its camera mode. The picture taken will be automatically added to the [*Files*] detail.

Monitor check-in performance

You can control med rep's work by setting up the check-in performance and verification parameters during visits. Use custom details, dynamic folders, or dashboards to display check-in results.

Creatio stores detailed check-in information including the source of received coordinates and the time of receiving the coordinates from GPS. Current time is indicated for the coordinates received in real-time while the time of caching is used for the cached coordinates.

Check-in verification procedure

At check-in Creatio captures the current or cached coordinates of the latest med rep's location and compares them to the account's address coordinates in case of a visit to pharmacy or to the contact's address in case of a visit to physician. The allowable discrepancy between these coordinates is specified in meters in the "Check-in verification range" system setting ("CheckInRadius" code).

The last added address marked as [*Primary*] is used for verification. The check-in is not verified if it was not possible to obtain the coordinates and if the value of the "Check-in verification range" system settings ("CheckInRadius" code) is not specified.

- If the GPS coordinates of the med rep and the visited account or contact **are in the verification range**, the check-in will be verified and the status of the visit will be changed to "In progress". The "Check-in coordinates are within range" status will be displayed on the [*Check-in and check-out results*] detail.
- In case distance between the med rep GPS coordinates and the factual check-in **are out of the check-in verification range**, the med rep will receive the following message: "Check-in coordinates are out of range. Would you like to save check-in results?" If this result is saved, the check-in will have the "Check-in coordinates are out of range" status.

- If the check-in verification is not possible (the address of an account is not specified or a med rep had no Internet connection during the verification process), the med rep will receive the following message: “Unable to verify check-in coordinates. Would you like to save check-in results?” If the check-in results are saved, the check-in will have the “Unable to verify check-in coordinates” status.

Set up check-in verification

Use the following [system settings](#) to set up check-in verification:

- “Use last known location of user” (“UseMobileLastKnownLocation” code). This system setting enables a mobile device to use the latest cached sales rep’s location and save it as the check-in location if the actual check-in coordinates are unknown. This usually occurs when med reps check in inside buildings, where GPS signal may be unavailable.

Note. Functions of working with cached coordinates are available for Android OS devices.

- “Check-in verification range” (“CheckInRadius” code). This system setting enables you to control the check-in performance by a med rep. It helps to identify the acceptable discrepancy (in meters) between the med rep’s coordinates and the actual coordinates of the check-in.

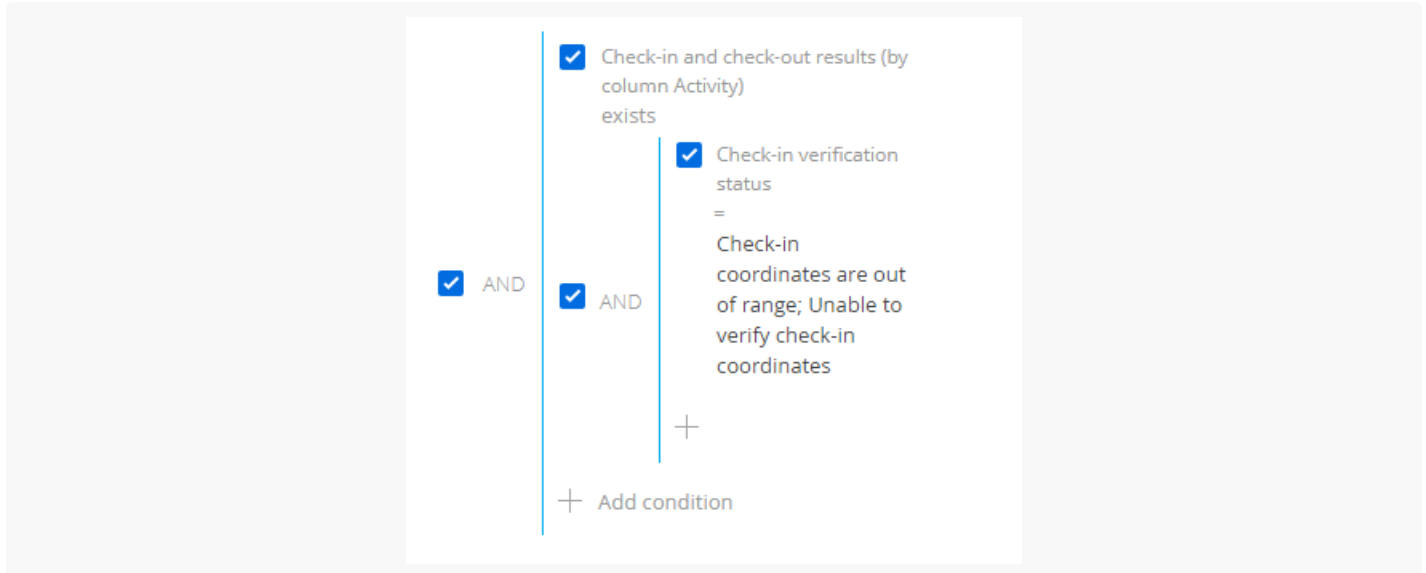
Attention. If the range value is not specified, check-in verification will not be performed.

You can [add the \[Check-in and check-out performance result \] detail](#) based on the [*Check-in and check-out performance result*] object to display the check-in results and show the columns in the detail list on Creatio primary application page.

Get check-in verification results

To track the check-in results, you can [configure a dynamic folder](#) in the [*Activities*] section, or a [dashboard](#) in the dashboards view of this section. An example of configuring the filtering conditions for all visits with unverified check-in (Fig. 1).

Fig. 1 Filtration conditions of all visits with unverified check-in



Categorization of physicians

Information about a doctor's potential significance in terms of pharmacy product promotion is critical for choosing a proper communication strategy with the doctors. In Creatio, this information is available on the doctor's contact page, in the [*Potential*], [*Loyalty*] and [*Category*] fields.

The [*Potential*] field contains doctor's estimated potential, which is an indicator of doctor's capability to promote pharmacy products. The doctor's potential is based on the number of patients with specific diagnoses ("nosology" or "ICDs") that a medical rep recorded during last visit to that doctor. The number of patients is compared with the values in the [*Doctor's potential setup*] lookup.


The [*Loyalty*] field contains a general estimation of doctor's loyalty towards your brand. Loyalty is an indicator of how actively the doctor promotes your products. By default, the loyalty can range from "1" (highest) to "3" (lowest). The loyalty value is calculated based on the actual prescriptions of your products by the doctor. The number of prescriptions is compared to the values in the [*Doctor's loyalty setup*] lookup.

The values in the [*Potential*] and [*Loyalty*] fields are calculated automatically during doctor categorization.

The regional manager analyzes the "potential" and "loyalty" indicators and assigns doctor's category. Information about previously assigned categories is automatically saved on the [*Categorization history*] detail on the contact's page.

Set up calculation of a doctor's potential and loyalty indicators

A doctor's **potential** indicator depends on the number of patients with various diagnoses who visited the doctor. To set up calculation of the doctor's potential:


1. Open system designer. For example, click the  button.
2. Go to the [*Lookups*] section and open the [*Doctor's potential setup*] lookup.
3. Add new lookup records and specify the values of doctor's potential in the desired format. By default, there are three levels of potential (from highest to lowest): "A", "B" and "C".
4. Select the doctor specialty, for which the potential value is relevant.

Note. Set up separate rules of calculating potential for different doctor specialties.

5. Assign the value range for the number of patients that visit a doctor of the selected specialty between the measurements (usually taken by a medical rep during visits).

Note. To let medical reps enter data for calculation of potential, set up a connection between the doctor specialties and diagnoses (nosology) of the patients that visit each type of doctor. To do this, edit the records in the [*Nosology*] lookup.

The doctor's **loyalty** indicator depends on the number of prescriptions for the promoted products the doctor makes between the medical rep's visits. To set up calculation of the doctor's loyalty:

1. Open system designer. For example, click the  button.
2. Go to the [*Lookups*] section and open the [*Doctor's loyalty setup*] lookup.
3. Add new lookup records and specify the values of doctor's loyalty in the desired format. By default, the loyalty can range from "1" (highest) to "3" (lowest).
4. Select the doctor specialty, for which the potential value is relevant.

Note. Set up separate rules for calculating loyalty for different doctor specialties.

5. Assign the value range for the number of prescriptions that a doctor of the selected specialty issues between measurements (usually taken by a medical rep during visits).

Note. To let pharmaceutical reps enter data for calculation of doctor's loyalty, enter the list of the promoted products in Creatio. You can do this by adding the products to the [*Promoted products*] detail on the [*Products*] tab of the doctor's contact page, or by adding doctors to the [*Contacts*] detail of the product page.

Perform doctor categorization

Doctor's category is assigned by a regional manager and is based on analysis of the doctor's potential and loyalty indicators. The doctor's potential and loyalty are calculated based on the information about the number of doctor's patients and the number of prescriptions of the promoted products issued by the doctor. The information is gathered by medial reps during visits. Creatio automatically assigns the doctor's potential value if the number of patients is within the range specified for this value in the [*Doctor's potential setup*] lookup.

To perform doctor categorization:

1. Select one or more doctor records in the [*Contacts*] section.

Note. You can also run the categorization action from the contact page, if a contact with the "Doctor" type is opened.

2. Click the [*Actions*] button and select [*Categorize*].

As a result, doctor's potential and loyalty indicators will be calculated. The categorization will run on the background, and you will be notified when it completes.

3. Select doctor's category based on the calculated potential and loyalty indicators. Information about previously assigned categories is automatically saved on the [*Categorization history detail*] on the contact's page.

Note. You can set up the list of categories in the [*Contact category*] lookup.