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# Measurement strategy phase

## PURPOSE

The purpose of this measurement is to measure a functional size of the microservice **FID-MTC** that can be used as a basis to estimate the required effort to build the software.

## SCOPE

The scope of the measurement is all of the FUR that are related to the **FID-MTC** microservice, i.e. which are derived from the requirements in K01726.UCR.02\_en-UC document.

## LEVEL OF DECOMPOSITION

The level of decomposition of this scope is that of a microservice component. All the functionality described in the FUR that is in scope for this measurement resides in the same layer.

## LEVEL OF GRANULARITY

The requirements are at the standard level of granularity, meaning that the functional users are individual humans (Family doctor, Patient, Etc.) and not groups of these. The functional users that provide input data detect single occurrences of events that the FID-MTC microservice must respond to.

By measuring at the standard level of granularity it is possible to use this measurement not only for the purpose of this measurement but also for benchmarking purposes, since most benchmark data is available at the standard level of granularity.

## FUNCTIONAL USERS

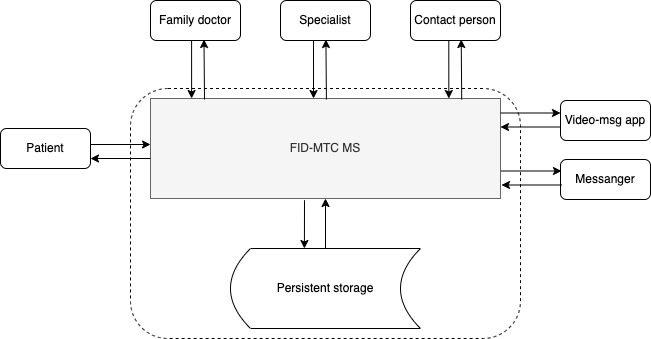
The functional users are the senders and/or intended recipients of data in the FUR of the FID-MTC microservice.

Therefore, the functional users are:

* Family doctor.
* Patient.
* Specialist
* Contact person.

There is exchange of data between the FID-MTC microservice and other services, components or external applications.

The boundary of the FID-MTC microservice is a conceptual interface between this piece of software and its functional users. It is indicated by the dashed line in the following picture:



The arrows represent the exchange of data between functional users, external components/services, and the FID-MTC microservice.

# Mapping Phase

## Identity FUNCTIONAL PROCESSES

The following functional processes are identified in the FUR:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| N. | Triggering event | Functional user | The data moved by the Triggering Entry | Functional process | UCs |
| 1 | View televisits list | Patient | Patient ID | View televisits list | US1.001 |
| 2 | Add a televist request | Patient | Televisit request details | Add a televist request | US1.002 |
| 3 | Remove a televisit request | Patient | Televisit request ID | Remove a televisit request | US1.003 |
| 4 | View televist request details | Patient | Televisit request ID | View televist request details | US1.004 |
| 5 | Edit televist request details | Patient | Televisit request details | Edit televist request details | US1.005 |
| 6 | View televisit request received | Family doctor | Televisit request | View televisit request received | US2.001 |
| 7 | Reject a televisit request | Family doctor | Rejection reason | Reject a televisit request | US2.002 |
| 8 | View received televisit details | Family doctor | Televisit request ID | View received televisit details | US2.003 |
| 9 | Accept a televisit request | Family doctor | Televisit request | Accept a televisit request | US2.004 |
| 10 | Edit accepted televist details | Family doctor | Televisit details | Edit accepted televist details | US2.005 |
| 11 | Accept a televisit event | Patient | Televisit event details | Accept a televisit event | US2.006 |
| 12 | Reject a televisit event | Patient | Televisit event ID | Reject a televisit event | US2.007 |
| 13 | View televisit event details | Patient, Family doctor | Televisit events | View televisit event details | US2.008 |
| 14 | List teleconsultations | Specialist | Teleconsultation request | List teleconsultations | US3.001 |
| 15 | Add a teleconsultation | Specialist | Teleconsultation details | Add a teleconsultation | US3.002 |
| 16 | View teleconsultation details | Specialist | Teleconsultation ID | View teleconsultation details | US3.003 |
| 17 | Edit teleconsultation details | Specialist | Teleconsultation details | Edit teleconsultation details | US3.004 |
| 18 | Remove a teleconsultation | Specialist | Teleconsultation ID | Remove a teleconsultation | US3.005 |
| 19 | Accept a teleconsultation invitation | Specialist | Teleconsultation ID | Accept a teleconsultation invitation | US3.006 |
| 20 | Reject a teleconsultation invitation | Specialist | Teleconsultation ID | Reject a teleconsultation invitation | US3.007 |
| 21 | View teleconsultation event details | Specialist, Patient | Telconsultation date | View teleconsultation event details | US3.008 |
| 22 | Start a televisit/teleconsultation | Specialist, Family doctor | Telconsultation event details | Start a televisit/teleconsultation | US4.001 |
| 23 | Close a televisit/teleconsultation | Specialist, Family doctor, Patient | Outcome | Close a televisit/teleconsultation | US4.002 |

## Identify OBJECTS OF INTEREST and DATA GROUPS

The following objects of interest and data groups are identified:

|  |  |  |  |
| --- | --- | --- | --- |
| N. | Functional process | Object of interest | Data group(s) |
| 1 | View televisits list | Patient  Televisit | Patient ID  Televisits details |
| 2 | Add a televist request | Televisit  Notification  Message | Televisit request details  Notification  Messages |
| 3 | Remove a televisit request | Televisit | Televisit request ID  Televisit details |
| 4 | View televist request details | Televisit | Televisit request ID  Televisit details |
| 5 | Edit televist request details | Televisit  Message | Televisit request details  Messages |
| 6 | View televisit request received | Televisit | Televisit request |
| 7 | Reject a televisit request | Televisit  Notification | Rejection reason  Televisit request status  Notification |
| 8 | View received televisit details | Televisit | Televisit request ID  Televisit request details |
| 9 | Accept a televisit request | Televisit  Notification  Message | Televisit request  Televisit status  Notification  Messages |
| 10 | Edit accepted televist details | Televisit  Notification  Message | Televisit details  Notification  Messages |
| 11 | Accept a televisit event | Televisit event  Email | Televisit event details  Doctor’s agenda  Patient’s agenda  Televisit request status  Email details |
| 12 | Reject a televisit event | Televisit event  Notification | Televisit event ID  Televisit event status  Notification |
| 13 | View televisit event details | Televisit event | Televisit events  Televisit event ID  Televisit event details |
| 14 | List teleconsultations | Teleconsultation | Teleconsultation request  Teleconsultation details |
| 15 | Add a teleconsultation | Teleconsultation  Notification  Message | Teleconsultation details  Notification  Messages |
| 16 | View teleconsultation details | Teleconsultation | Teleconsultation ID  Teleconsultation details |
| 17 | Edit teleconsultation details | Teleconsultation  Notification  Message | Teleconsultation details  Notificatoin  Messages |
| 18 | Remove a teleconsultation | Teleconsultation | Teleconsultation ID  Teleconsultation details |
| 19 | Accept a teleconsultation invitation | Teleconsultation  Teleconsultation event | Teleconsultation ID  Teleconsultation details |
| 20 | Reject a teleconsultation invitation | Teleconsultation  Notification | Teleconsultation ID  Teleconsultation details  Notification |
| 21 | View teleconsultation event details | Teleconsultation  Telconsultation Event | Telconsultation date  Teleconsultation details  Teleconsultation ID  Telconsultation Event Details |
| 22 | Start a televisit/teleconsultation | Teleconsultation event | Telconsultation event details  Start request |
| 23 | Close a televisit/teleconsultation | Telconsultation Event | Outcome  Executed event  Agenda |

## Identity DATA ATTRIBUTES

The following data characteristics are found in the object of interests specified in the preceding section:

|  |  |
| --- | --- |
| Object of interest | Data attributes |
| Patient | Patient ID, surname, name |
| Televisit | Televisit ID, date, time, patient, status, family doctor, date status, reason |
| Notification | Message, recipient |
| Message | Message |
| Televisit event | Televisit ID, date, time, patient, family doctor, outcome, link |
| Email | Message, recipient |
| Teleconsultation | Teleconsultation ID, televisit ID, date, time, family doctor, specialist, date status, reason |
| Teleconsultation event | Teleconsultation ID, televisit ID, date, time, family doctor, specialist, outcome, link |

# Measurement phase

The table below shows the functional processes identified in section 2.1, including all their movements of data groups (each of which describes an object of interest identified in section 2.2).

## View televisits list

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The user selects “View televisits list” for the given patient. | Patient | Patient ID | Patient | E | 1 |
| 2. The system searches the televisits. |  | Televisit details | Televisit | R | 1 |
| 3. The system displays the list of all the televisit requests for the patient. |  | Televisit details | Televisit | X | 1 |
| 4. The actor browses the results. |  |  |  |  |  |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the user executes the use case MTC: US1.002–Add a televist request. |  |  |  |  |  |
| Alternative flow no. 02 |  |  |  |  |  |
| Alternative flow no. 03 |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| 1. Reference Tables: Table 1- . |  |  |  |  |  |
| 2. Reference Diagrams: Diagram 6- Use Case diagram User Story 1. |  |  |  |  |  |
| 3. GUI: GUI 01- . |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Add a televisit request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor selects "New televisit request". |  |  |  |  |  |
| 2. The system displays a form to fill in the televisit request fields. |  |  |  |  |  |
| 3. The actor fills in the televisit request fields. | Patient | Televisit request details | Televisit | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system saves the televisit request with the status “submitted”. |  | Televisit request details | Televisit | W | 1 |
| 6. The system requests the Messanger component to notify the family doctor. |  | Notification | Notification | X | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor presses “Cancel”. |  |  |  |  |  |
| 2. The system returns to the previous screen. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. The system shows an error message “Insert mandatory fields”. |  | Messages | Message | X | 1 |
| TOTAL | | | | | **4** |

## Remove a televisit

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the "Delete request" button for the given televisit request. | Patient | Televisit request ID | Televisit | E | 1 |
| 2. The system asks the user to confirm the operation. |  |  |  |  |  |
| 3. The actor confirms by clicking the “Confirm” button. |  |  |  |  |  |
| 4. The system updates the request as “withdrawn”. |  | Televisit request status | Televisit | W | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative Flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor does not confirm. |  |  |  |  |  |
| 2. The system returns to the previous screen. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| 1. Reference Tables: Table 3- . |  |  |  |  |  |
| 2. Reference Diagrams: Diagram 3- Statechart diagram “Televist”, Diagram 6- Use Case diagram User Story 1. |  |  |  |  |  |
| TOTAL | | | | | **2** |

## View televisit request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “view televisit request details” for the televisit request of his (or her) interest. | Patient | Televisit request ID | Televisit | E | 1 |
| 2. The system searches for the televisit request. |  | Televisit details | Televisit | R | 1 |
| 3. The system displays a page with the televisit request details. |  | Televisit details | Televisit | X | 1 |
| 4. The actor browses the results. |  |  |  |  |  |
| Alternative Flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Reference Tables: Table 4- . |  |  |  |  |  |
| Reference Diagrams: Diagram 6- Use Case diagram User Story 1. |  |  |  |  |  |
| GUI |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Edit televisit request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the sub-option “Edit televisit request details”. |  |  |  |  |  |
| 2. The system makes editable the televisit request fields. |  |  |  |  |  |
| 3. The actor fills in the televisit request fields of his (her) interest. | Patient | Televisit request details | Televisit | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system saves the changes to the televisit request. |  | Televisit request details | Televisit | W | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor presses “Cancel”. |  |  |  |  |  |
| 2. The system returns to the previous screen. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. The system shows an error message “Fill in the mandatory fields”. |  | Messages | Message | X | 1 |
| TOTAL | | | | | **3** |

## View televisit request received

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the "View all my televisit requests" to view all the televisits. | Family doctor | Televisit request | Televisit | E | 1 |
| 2. The system searches for all the televisit requests for the given doctor received from his (her) patients. |  | Televisit request | Televisit | R | 1 |
| 3. The system displays all the televisit requests for the given doctor received from his (her) patients. |  | Televisit request | Televisit | X | 1 |
| 4. The actor navigates the results. |  |  |  |  |  |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3 of the MAIN SCENARIO, the actor executes the use case US2.002 . |  |  |  |  |  |
| Alternative Flow no. 02 |  |  |  |  |  |
| 1. In step 3 of the MAIN SCENARIO, the actor executes the use case US2.003 . |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Reject a televisit request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor selects "Reject televisit request ". |  |  |  |  |  |
| 2. The system displays a page containing the reason field. |  |  |  |  |  |
| 3. The actor fills in the reason field for the rejection. | Family doctor | Rejection reason | Televisit | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system updates the televisit request as “rejected”. |  | Televisit request status | Televisit | W | 1 |
| 6. The system requests the Messanger to process the patient’s notification. |  | Notification | Notification | X | 1 |
| Alternative flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## View received televisit details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The user clicks the "View televisit request details" button relating to the televisit request of his (or her). | Family doctor | Televisit request ID | Televisit | E | 1 |
| 2. The system searches the televisit request details. |  | Televisit request details | Televisit | R | 1 |
| 3. The system displays a page with the televisit request details. |  | Televisit request details | Televisit | X | 1 |
| 4. The user browses the results. |  |  |  |  |  |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor executes the use case MTC: US2.004– Accept a televist request. |  |  |  |  |  |
| Alternative flow no. 02 |  |  |  |  |  |
| 1. In step 3, the actor executes the use case MTC: US2.005– Edit accepted televist details. |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Accept a televisit request

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks “Accept televisit request” button relating to the televisit request of his (or her) interest. | Family doctor | Televisit request | Televisit | E | 1 |
| 2. The system saves the televisit request as “accepted”. |  | Televisit status | Televisit | W | 1 |
| 3. The system requests the Messanger component to notify the patient. |  | Notification | Notification | X | 1 |
| Alternative flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. In step 2, the system displays an error message stating that the not all the required fields have been provided. |  | Messages | Message | X | 1 |
| Exception flow no. 02 |  |  |  |  |  |
| 1. In step 2, the system shows an error message stating that an event on the given date-time already exists. |  | Messages | Message | X | 0 |
| TOTAL | | | | | **4** |

## Edit accepted televist details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The user selects “Edit accepted televist details”. |  |  |  |  |  |
| 2. The system shows a form with the televisit request fields. |  |  |  |  |  |
| 3. The user modifies the fields of his (her) interest. | Family doctor | Televisit details | Televisit | E | 1 |
| 4. The user presses “Save”. |  |  |  |  |  |
| 5. The system saves the changes. |  | Televisit details | Televisit | W | 1 |
| 6. The system requests the Messanger component to notify the patient. |  | Notification | Message | X | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flo no. 01 |  |  |  |  |  |
| 1. The actor in step 3 presses “Cancel”. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. In step 4, the system shows an error message stating that not all the required fields have been provided. |  | Messages | Message | X | 1 |
| TOTAL | | | | | **4** |

## Accept a televisit event

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “Accept televisit event” button relating to the televisit event of his (or her) interest. | Patient | Televisit event details | Televisit event | E | 1 |
| 2. The system saves an event in the doctor's agenda. |  | Doctor's agenda | Televisit event | W | 1 |
| 3. The system saves an event in the patient's agenda. |  | Patient's agenda | Televisit event | W | 1 |
| 4. The system updates the televisit request as "confirmed." |  | Televisit request status | Televisit | W | 1 |
| 5. The system sends a link to all the participants via email. |  | Email details | Email | X | 1 |
| TOTAL | | | | | **5** |

## Reject a televisit event

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks "Reject televisit event " relating to the televisit event of his (or her) interest. | Patient | Televisit event ID | Televisit event | E | 1 |
| 2. The system saves the televisit request as “rejected”. |  | Televisit event status | Televisit event | W | 1 |
| 3. The system requests the Messenger to process the doctor’s notification. |  | Notification | Notification | X | 1 |
| TOTAL | | | | | **3** |

## View televisit event details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “View televisit events” button to view all his (her) televisit events for today on the agenda. | Patient, Family doctor | Televisit events | Televisit event | E | 1 |
| 2. The system searches all the televisit events. |  | Televisit events | Televisit event | R | 1 |
| 3. The system displays today’s events. |  | Televisit events | Televisit event | X | 1 |
| 4. The actor clicks the “View televisit event details” button relating to the televisit event of his (or her) interest. | Patient, Family doctor | Televisit event ID | Televisit event | E | 1 |
| 5. The system searches for the televist event details. |  | Televisit event details | Televisit event | R | 1 |
| 6. The system displays the televist event details. |  | Televisit event details | Televisit event | X | 1 |
| 7. The actor browses the results. |  |  |  |  |  |
| TOTAL | | | | | **6** |

## List teleconsultations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “List teleconsultations” button to view all his (her) the teleconsultations. | Specialist | Teleconsultation request | Teleconsultation | E | 1 |
| 2. The system searches for the teleconsultations. |  | Teleconsultation details | Teleconsultation | R | 1 |
| 3. The system displays the teleconsultations. |  | Teleconsultation details | Teleconsultation | X | 1 |
| 4. The actor browses the results. |  |  |  |  |  |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 4, the actor executes the use case US3.002. |  |  |  |  |  |
| Alternative flow no. 02 |  |  |  |  |  |
| 1. In step 4, the actor executes the use case US3.003. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Add a teleconsultation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor selects “New teleconsultation”. |  |  |  |  |  |
| 2. The system shows a page with the teleconsultation fields. |  |  |  |  |  |
| 3. The actor fills in the teleconsultation fields. | Specialist | Teleconsultation details | Teleconsultation | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system saves the teleconsultation as “requested”. |  | Teleconsultation details | Teleconsultation | W | 1 |
| 6. The system inserts the teleconsultation on the actor’s agenda. |  | Teleconsultation details | Teleconsultation | W | 1 |
| 7. The system requests the Messanger component to notify all the participants. |  | Notification | Notification | X | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor clicks the “Cancel” button. |  |  |  |  |  |
| 2. The flow of events resumes at step 2 of the main scenario. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. In step 4, the system shows an error message stating that not all the required fields have been provided. |  | Messages | Message | X | 1 |
| 2. The flow of events resumes at step 2 of the main scenario. |  |  |  |  |  |
| Exception flow no. 02 |  |  |  |  |  |
| 1. In step 4, the system shows an error message stating that a televisit already exists at the given date-time. |  | Messages | Message | X | 0 |
| 2. The flow of events resumes at step 2 of the main scenario. |  |  |  |  |  |
| TOTAL | | | | | **5** |

## View teleconsultation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The user clicks the "View teleconsultation details" button relating to the teleconsultation of his (or her) interest. | Specialist | Teleconsultation ID | Teleconsultation | E | 1 |
| 2. The system searches for the teleconsultation details. |  | Teleconsultation details | Teleconsultation | R | 1 |
| 3. The system displays the teleconsultation details. |  | Teleconsultation details | Teleconsultation | X | 1 |
| 4. The actor browses the results. |  |  |  |  |  |
| Alternative Flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Edit teleconsultation details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The user selects "Edit teleconsultation details". |  |  |  |  |  |
| 2. The system shows a form with the teleconsultation fields. |  |  |  |  |  |
| 3. The actor changes in the teleconsultation fields of his (her) interest. | Specialist | Teleconsultation details | Teleconsultation | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system saves the changes to the teleconsultation. |  | Teleconsultation details | Teleconsultation | W | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 5, if the date-time has changed, the system requests the Messanger to process the notification for all the participants. |  | Notification | Notification | X | 1 |
| Exceptions |  |  |  |  |  |
| 1. In step 5, the system shows an error message stating that only some of the required fields have been provided. |  | Messages | Message | X | 1 |
| 2. The flow of events resumes at step 2 of the main scenario. |  |  |  |  |  |
| TOTAL | | | | | **4** |

## Remove a teleconsultation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the "Remove teleconsultation" button relating to the teleconsultation of his (or her) interest. | Specialist | Teleconsultation ID | Teleconsultation | E | 1 |
| 2. The system asks the user to confirm the operation. |  |  |  |  |  |
| 3. The actor clicks the “Confirm” button. |  |  |  |  |  |
| 4. The system removes the teleconsultation. |  | Teleconsultation details | Teleconsultation | W | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor presses the “Cancel” button. |  |  |  |  |  |
| 2. The flow of events ends. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **2** |

## Accept a teleconsultation invitation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “Accept teleconsultation invitation” relating to the teleconsultation of his (her) interest. | Specialist | Teleconsultation ID | Teleconsultation | E | 1 |
| 2. The system updates the teleconsultation invitation as “accepted”. |  | Teleconsultation details | Teleconsultation | W | 1 |
| 3. The system saves the teleconsultation event on the actor’s agenda. |  | Teleconsultation details | Teleconsultation | W | 1 |
| Alternative flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## Reject a teleconsultation invitation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “Reject teleconsultation invitation” relating to the teleconsultation invitation of his (her) interest. | Specialist | Teleconsultation ID | Teleconsultation | E | 1 |
| 2. The system asks the user to confirm the operation. |  |  |  |  |  |
| 3. The actor clicks the “Confirm” button. |  |  |  |  |  |
| 4. The system removes the teleconsultation. |  | Teleconsultation details | Teleconsultation | W | 1 |
| 5. The system requests the Messenger component to notify the sender. |  | Notification | Notification | X | 1 |
| Alternative flows |  |  |  |  |  |
| Alternative flow no. 01 |  |  |  |  |  |
| 1. In step 3, the actor does not confirm. |  |  |  |  |  |
| 2. The flow of events ends. |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **3** |

## View teleconsultation event details

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks “View all teleconsultations” to list all today’s teleconsultations. | Specialist, Patient | Teleconsultation date | Teleconsultation | E | 1 |
| 2. The system searches for all the teleconsultation for the given date. |  | Teleconsultation details | Teleconsultation | R | 1 |
| 3. The system displays all the teleconsultation events for the given date. |  | Teleconsultation details | Teleconsultation | X | 1 |
| 4. The actor clicks “View teleconsultation event details” relating to the teleconsultation event of his (or her) interest. | Specialist, Patient | Teleconsultation ID | Teleconsultation event | E | 1 |
| 5. The system searches for the teleconsultation event details. |  | Teleconsultation event details | Teleconsultation event | R | 1 |
| 6. The system displays the teleconsultation event details. |  | Teleconsultation event details | Teleconsultation event | X | 1 |
| 7. The actor browses the results. |  |  |  |  |  |
| Alternative Flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **6** |

## Start a televisit/teleconsultation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor clicks the “Start televisit/teleconsultation” button relating the televisit/teleconsultation of his (or her) interest. | Specialist/Family doctor | Televisit/Teleconsultation details | Teleconsultation event | E | 1 |
| 2. The system sends the request to the XXX system to start the meeting. |  | Start request | Teleconsultation event | X | 1 |
| Alternative flows |  |  |  |  |  |
| Exceptions |  |  |  |  |  |
| TOTAL | | | | | **2** |

## Close a televisit/teleconsultation

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Step | FU | DG | OOI | DM | CFP |
| 1. The actor wants to close the meeting. |  |  |  |  |  |
| 2. The system shows a form with the outcome field for the televist/teleconsultation. |  |  |  |  |  |
| 3. The actor selects the outcome. | Actor | Outcome | Teleconsultation eent | E | 1 |
| 4. The actor presses “Save”. |  |  |  |  |  |
| 5. The system saves the “executed” event. |  | Executed event | Teleconsultation eent | W | 1 |
| 6. The system displays the refreshed agenda. |  | Agenda | Teleconsultation eent | X | 1 |
| Exceptions |  |  |  |  |  |
| Exception flow no. 01 |  |  |  |  |  |
| 1. At step 5, the system displays an error message. |  | Messages | Message | X | 1 |
| TOTAL | | | | | **4** |

Legend:

N/A = Not applicable

AC = Already counted

# Measurement Summary

|  |  |  |
| --- | --- | --- |
| N. | Functional Process | CFP |
| 1 | View televisits list | 3 |
| 2 | Add a televist request | 4 |
| 3 | Remove a televisit request | 2 |
| 4 | View televist request details | 3 |
| 5 | Edit televist request details | 3 |
| 6 | View televisit request received | 3 |
| 7 | Reject a televisit request | 3 |
| 8 | View received televisit details | 3 |
| 9 | Accept a televisit request | 4 |
| 10 | Edit accepted televist details | 4 |
| 11 | Accept a televisit event | 5 |
| 12 | Reject a televisit event | 3 |
| 13 | View televisit event details | 6 |
| 14 | List teleconsultations | 3 |
| 15 | Add a teleconsultation | 5 |
| 16 | View teleconsultation details | 3 |
| 17 | Edit teleconsultation details | 4 |
| 18 | Remove a teleconsultation | 2 |
| 19 | Accept a teleconsultation invitation | 3 |
| 20 | Reject a teleconsultation invitation | 3 |
| 21 | View teleconsultation event details | 6 |
| 22 | Start a televisit/teleconsultation | 2 |
| 23 | Close a televisit/teleconsultation | 4 |
| TOTAL | | **81** |