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Versions Hystory

|  |  |  |  |
| --- | --- | --- | --- |
| ***Version*** | ***Date*** | ***Description*** | ***Author*** |
| 01 | 04-11-2022 | First issue | XXXXX |
| 02 | 07-29-2022 | Second issue:   * Removed use cases related to Televisits triggered by the Doctor’s schedule. * Removed the patient’s invite for a Teleconsultation. | XXXXX |

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# Introduction

## Purpose

This document is intended to describe the use cases of the FID-MTC PROJECT created by KIRANET s.r.l. (often for simplicity also just “KIRANET”).

## Description

A patient, through the platform, can request a televisit from his family doctor, indicating a reason for the request.

The doctor will be able to view all the requests received from his patients and will be able to decide whether to take charge of them, defining the date and time of the televisit, or reject them by specifying a reason. Once the doctor has taken charge of the televisit, if the patient accepts the invitation to the event, it is scheduled in the doctor's and patient's agenda on the date and time indicated by the doctor at the time of taking charge.

In a televisit, in addition to the doctor and the patient, any contacts of the patient may also be involved. They will receive an invitation link to the event via e-mail.

Teleconsultation, on the other hand, is managed by specialists registered on the platform. By specialists, we mean all users who do not cover the role of "patient."

A specialist can create a teleconsultation event and invite other specialists to the event.

When creating a teleconsultation, the specialist must indicate the date and time of the event so that this is scheduled in the agenda of all the participants who decide to accept the invitation.

The practical connection between all participants in the televisit and (or) teleconsultation takes place on the day and at the scheduled time through integrating the system with the XXXX platform.

Once the televisit and (or) teleconsultation ends, all participants will be required to indicate the outcome of the connection. In particular, they can indicate whether it was successful or was interrupted for a specific reason.

## Definitions, Acronyms and Abbreviations

Below are all the definitions, acronyms and abbreviations required to interpret the document correctly.

| **Definitions** | |
| --- | --- |
| **Televist** | It is a service provided "remotely," during which the patient and the doctor, located in two different places, come into video/audio contact with the help of a smartphone, a computer, or a tablet. |
| **Teleconsultation (remote consultation)** | It is a remote consultancy activity between professionals that allows one or more doctors to be consulted. |
| **Diagnostic question** | It is the diagnosis already established or suspected, or the prevalent symptom, that must be reported on the request for medical examinations or visits. |
| **Specialist** | User who plays a role other than "patient". |
| **Request for Televisit** | Request for a televisit sent by a patient to his family doctor. |

| **Acronyms** | |
| --- | --- |
| **MTC** | Medical Tele Consultation |
| **MMG** | Family doctor |
|  |  |

## Reference Documents

Internal documents:

* K01726.USR.02
* K01726.DPF.02

External documents:

* IEEE/ANSI 830-1993 “IEEE Recommended Practice for Software Requirements Specifications”
* FDIS 12207, Systems and software engineering - Software life cycle processes
* Using a Single Business Pattern with the Rational Unified Process (RUP), IBM Redbooks Paper
* From Waterfall to Iterative Development – A Challenging Transition for Project Managers
* IBM Rational Unified Process, <http://www-128.ibm.com/developerworks/rational>
* Applying Requirements Management with Use Cases, IBM Rational

# Preliminary assumptions

The preliminary assumptions underlying the FID-MTC PROJECT are the following:

* A family doctor creates a televisit event only following a request from a patient.
* The system is integrated with the XXXX platform;
* Currently, the notifications are sent to the participants of a televisit and (or) teleconsultation via e-mails. Therefore, all participants included in an event must have an e-mail address registered on the platform.
* Patients are users of the system.
* All specialists are users of the system.

The following component diagram illustrates the interactions of the FID-MTC microservice with other applications or microservices:

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Diagramma 1- Component diagram FID-MTC

## Non functional requirements

* The external "XXXX" system manages user authentication. The authenticator manages the permissions assigned to each user according to the resources. For technical details on using XXXX, refer to the architectural guidelines document.

# Actors

This section describes the actors in the use case model and how they are involved. In particular, the actors od the system are as follows:

* **Family doctor:** He (She) accepts or rejects requests for televists received from its patients.
* **Patient:** He (She) can send a televisit request to his (her) family doctor;
* **Specialist:** all system users who do not cover the role of "patient";
* **Contact person:** Person who is in close contact with the patient.

# User stories to refine

The complete televist workflow is shown in the following figure:

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Diagram 2- Activity diagram “televist”

The statechart and activity diagrams are shown in the figures below:

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Diagram 3- Statechart diagram “Televist”

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Diagram 4- Statechart diagram “Teleconsultation”

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Diagram 5. Activity diagram “Teleconsultation”

## User Story 1: Televist request

The patient can create televisit requests to send to his (her) family doctor. In particular, when creating a request, he must indicate the reason for the televisit and the personal contacts he intends to participate in the event. The patient can withdraw a request presented to the doctor if it has yet to be accepted or rejected.

Below is the use case diagram of User Story 1:

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Diagram 6- Use Case diagram User Story 1

### US1.001– View televisits list

|  |
| --- |
| MTC: US1.001– View televisits list |
| **Description:** The actor displays the list of televisit requests sent to his family doctor. |
| **Actors:** Patient. |
| **Precondition** |
| **Main scenario**   1. The user selects “View televisits list” for the given patient. 2. The system searches the televisits and displays the list of all the televisit requests for the patient. 3. 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**   1. In step 3, the user executes the use case **MTC: US1.003– Remove a televist request.**   **Alternative flow no. 03**   1. In step 3, the user executes the use case **MTC: US1.004– View televist request details.** |
| **Exceptions** |
| **Reference Tables:** Table 1- **.** |
| **Reference Diagrams:** Diagram 6- Use Case diagram User Story 1**.** |
| **GUI:** GUI 01- **.** |

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Table 1- View televists list

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GUI 01- View televists list

### US1.002–Add a televist request

|  |
| --- |
| MTC: US1.002–Add a televist request |
| **Description:** The actor adds a televisit request to be sent to his (her) family doctor, entering a reason, other participants, and notes. |
| **Actors:** Patient. |
| **Precondition**  No televisit request with the status "to be confirmed" exists in the list. |
| **Main scenario**   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 and presses “Save”. 4. The system saves the televisit request with the status “submitted”, and requests the Messanger component to notify the family doctor. |
| **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”. |
| **Reference Tables:** Table 2. **.** |
| **Reference diagrams:** Diagram 3- Statechart diagram “Televist”**,** Diagram 6- Use Case diagram User Story 1**.** |
| **GUI:** GUI 02- **.** |

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Table 2. Add a televist request

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GUI 02- Add a televist request

### US1.003– Remove a televisit request

|  |
| --- |
| MTC: US1.003– Remove a televisit request |
| **Description:** The actor removes a televisit request sent to his (her) family doctor. |
| **Actors:** Patient. |
| **Precondition**  **There is at least one televisit request with the status "submitted."** |
| **Main scenario**   1. The actor clicks the "Delete request" button for the given televisit request. 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”. |
| **Alternative flows**  **Alternative Flow no. 01**   1. In step 3, the actor does not confirm. 2. The system returns to the previous screen. |
| **Exceptions** |
| **Reference Tables:** Table 3- **.** |
| **Reference Diagrams:** Diagram 3- Statechart diagram “Televist”**,** Diagram 6- Use Case diagram User Story 1**.** |
| **GUI** |

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Table 3- Remove a televist request

### US1.004– View televist request details

|  |
| --- |
| MTC: US1.004– View televist request details |
| **Description:** The actor displays the details of a televisit request sent to his(her) family doctor. |
| **Actors:** Patient. |
| **Precondition**  **There is at least one televisit request with the status "submitted," "accepted," “confirmed,” "withdrawn," or "rejected."** |
| **Main scenario**   1. The actor clicks the “view televisit request details” for the televisit request of his (or her) interest. 2. The system searches for the televisit request and displays a page with the televisit request details. 3. The actor browses the results. |
| **Alternative Flows** |
| **Exceptions** |
| **Reference Tables:** Table 4- **.** |
| **Reference Diagrams:** Diagram 6- Use Case diagram User Story 1**.** |
| **GUI** |

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Table 4- View televist request details

### US1.005– Edit televist request details

|  |
| --- |
| MTC: US1.005– Edit televist request details |
| **Description:** The actor edits a televisit request he sent to his (her) family doctor. |
| **Actors:** Patient. |
| **Precondition**  **There is at least a televisit request with the status "submitted."** |
| **Main scenario**   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 and presses “Save”. 4. The system saves the changes to the televisit request. |
| **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”. |
| **Reference Tables:** Table 5- **.** |
| **Reference Diagrams:** Diagram 6- Use Case diagram User Story 1**.** |
| **GUI** |

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Table 5- Edit televist request details

## User Story 2: Televisit management

The family doctor receives a request for a televisit and can accept or reject it.

Suppose the doctor takes charge of the televisit. In that case, he must define the date and time of the event, the diagnostic question, the duration, any participants, and notes. Once the doctor has taken charge of his request, the patient can accept or refuse the invitation to the event.

If the patient accepts the event, it will be scheduled in the doctor's and patient's agenda on the date and time defined by the doctor at the time of taking charge.

Instead, suppose the doctor rejects the televisit. In that case, he must enter a reason, which can subsequently be displayed by the patient who requested the televisit.

Below is the use case diagram of User Story 2:

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Diagram 7- Use case diagram User Story 2

### US2.001– View televisit request received

|  |
| --- |
| MTC: US2.001– View televisit request received |
| **Description:** The actor displays the list of televisit requests from his patients. |
| **Actors:** Family doctor. |
| **Precondition** |
| **Main scenario**   1. The actor clicks the "View all my televisit requests" to view all the televisits. 2. The system searches and displays all the televisit requests for the given doctor received from his (her) patients. 3. The actor navigates the results. |
| **Alternative flows**  **Alternative flow no. 01**   1. In step 3, the actor executes the use case **US2.002** **.**   **Alternative Flow no. 02**   1. In step 3, the actor executes the use case **US2.003 .** |
| **Exceptions** |
| **Reference Tables:** Table 6- **.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**.** |
| **GUI:** GUI 03: **.** |

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Table 6- View televisit request received

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GUI 03: View televisit request received

### US2.002– Reject a televisit request

|  |
| --- |
| MTC: US2.002– Reject a televisit request |
| **Description:** The actor rejects a request for televisit received from a patient. When rejecting a request, the actor must specify a reason. |
| **Actors:** Family doctor. |
| **Precondition**  **There is a "submitted" televisit request.** |
| **Main scenario**   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 and presses “Save”. 4. The system updates the televisit request as “rejected” and requests the Messanger to process the patient’s notification. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** Table 6- **,** Tabella 7- Respinge richiesta televisita**.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**,** Diagram 3- Statechart diagram “Televist”**.** |
| **GUI:** GUI 04- **.** |

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Table 7- Reject a televist request

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GUI 04- Reject a televist request

### US2.003– View received televisit details

|  |
| --- |
| MTC: US2.003– View received televisit details |
| **Description:** The actor displays the details of a televisit request in the list. |
| **Actors:** Family doctor. |
| **Precondition**  **There is a televisit request with any status among those defined.** |
| **Main scenario**   1. The user clicks the "View televisit request details" button relating to the televisit request of his (or her). 2. The system searches the televisit request details and displays a page with the televisit request details. 3. 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.** |
| **Exceptions** |
| **Reference Tables:** Table 8- **.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**.** |
| **GUI:** |

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Table 8- View received televist details

### US2.004– Accept a televisit request

|  |
| --- |
| MTC: US2.004– Accept a televisit request |
| **Description:** The actor accepts a televisit request received from a patient. |
| **Actors:** Family doctor. |
| **Precondition**  **A "submitted" televisit request exists AND the main scenario of US2.003 has been successfully executed.** |
| **Main scenario**   1. The actor clicks “Accept televisit request” button relating to the televisit request of his (or her) interest. 2. The system saves the televisit request as “accepted” and requests the Messanger component to notify the patient. |
| **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.   **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. |
| **Reference Tables:** Table 9- **.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**,** Diagram 3- Statechart diagram “Televist”**.** |
| **GUI:** GUI 05- **.** |

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Table 9- Accept a televist request

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GUI 05- Accept a televist request

### US2.005– Edit accepted televist details

|  |
| --- |
| MTC: US2.005– Edit accepted televist details |
| **Description:** The actor modifies the information relating to a request for an accepted televisit. |
| **Actors:** Family doctor. |
| **Precondition**  **There is an "accepted" televisit request.** |
| **Main scenario**   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 and presses “Save”. 4. The system saves the changes and requests the Messanger component to notify the patient. |
| **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. |
| **Reference Tables:** Table 10- **.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**.** |
| **GUI:** |

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Table 10- Edit accepted televist details

### US2.006– Accept a televisit event

|  |
| --- |
| MTC: US2.006– Accept a televisit event |
| **Description:** The actor agrees to participate in the televisit event on the date and time set by the doctor during the "Acceptance" of the request. |
| **Actors:** Patient. |
| **Precondition**  **There is a request for televisit "accepted" by the doctor.** |
| **Main scenario**   1. The actor clicks the “Accept televisit event” button relating to the televisit event of his (or her) interest. 2. The system saves an event in the doctor's and patient's agendas, updates the televisit request as "confirmed," and sends a link to all the participants via email. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** Table 11- **.** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**,** Diagram 3- Statechart diagram “Televist”**.** |
| **GUI:** GUI 06- **.** |

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Table 11- Accept a televisit event

### US2.007– Reject a televisit event

|  |
| --- |
| MTC: US2.007– Reject a televisit event |
| **Description:** The actor refuses to participate in the televisit event on the date and time set by the doctor during the "acceptance" of the request. |
| **Actors:** Patient. |
| **Precondition**  **There is a request for televisit "accepted" by the doctor.** |
| **Main scenario**   1. The actor clicks "Reject televisit event " relating to the televisit event of his (or her) interest. 2. The system saves the televisit request as “rejected” and requests the Messanger to process the doctor’s notification. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** |
| **Reference Diagrams:** Diagram 7- Use case diagram User Story 2**.** |
| **GUI:** GUI 06- **.** |

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GUI 06- Reject a televist event

### US2.008– View televisit event details

|  |
| --- |
| MTC: US2.008– View televisit event details |
| **Description:** The actor views the detail of a televisit event scheduled in the agenda. |
| **Actors:** Patient, Family doctor. |
| **Precondition**  **There is an “confirmed” televist on the agenda.** |
| **Main scenario**   1. The actor clicks the “View televisit events” button to view all his (her) televisit events for today on the agenda. 2. The system searches all the televisit events and displays today’s events. 3. The actor clicks the “View televisit event details” button relating to the televisit event of his (or her) interest. 4. The system searches and displays the televist event details. 5. The actor browses the results. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** Table 13- **.** |
| **Reference diagrams:** Diagram 7- Use case diagram User Story 2**.** |
| **GUI:** GUI 08- **.** |

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Table 13- View televist event details

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GUI 08- View televist event details

## User Story 3: Teleconsultation

Uno specialista, ovvero un utente del sistema che non ricopre il ruolo di “assistito”, può creare un evento di teleconsulto. Nella creazione del teleconsulto, è necessario che vengano indicate la data e l’ora dell’evento e almeno un partecipante da invitare. Una volta creato l’evento, lo specialista potrà visualizzarlo nella propria agenda, nella data e nell’ora che ha specificato in fase di creazione.

L’utente che crea un evento di teleconsulto, può modificarlo o eliminarlo fino a quando l’evento non viene avviato.

Tutti gli specialisti invitati al teleconsulto possono accettare o rifiutare l’invito al teleconsulto attraverso l’elenco degli inviti ricevuti. Se l’invito viene accettato, l’evento viene schedulato nell’agenda dell’invitato.

Di seguito è riportato il diagramma dei casi d’uso dell’User Story 3:

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Diagram 8- Use case diagram User Story 3

### US3.001– List teleconsultations

|  |
| --- |
| MTC: US3.001– List teleconsultations |
| **Description:** The actor views the teleconsultations list. |
| **Actors:** Specialist. |
| **Precondition** |
| **Main scenario**   1. The actor clicks the “List teleconsultations” button to view all the teleconsultations. 2. The system searches and displays the teleconsultations. 3. The actor browses the results. |
| **Alternative flows**  **Alternative flow no. 01**   1. In step 3, the actor executes the use case **US3.002.**   **Alternative flow no. 02**   1. In step 3, the actor executes the use case **US3.003.** |
| **Exceptions** |
| **Reference Tables:** Table 14- **.** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** GUI 09 – **.** |

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GUI 09 – List teleconsultations

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Table 14- List teleconsultations

### US3.002– Add a teleconsultation

|  |
| --- |
| MTC: US3.002– Add a teleconsultation |
| **Description:** The actor adds a "teleconsultation" event. When creating the teleconsultation, it is necessary to specify the date and time the event is scheduled, the duration, and at least one participant. Furthermore, entering a diagnostic question and any additional notes is possible. |
| **Actors:** Specialist. |
| **Precondition** |
| **Main scenario**   1. The actor selects “New teleconsultation”. 2. The system shows a page with the teleconsultation fields. 3. The actor fills in the teleconsultation fields and presses “Save”. 4. The system saves the teleconsultation as “requested”, inserts the teleconsultation on the actor’s agenda, and requests the Messanger component to notify all the participants. |
| **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. 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. 2. The flow of events resumes at step 2 of the main scenario. |
| **Refenrence Tables:** Table 15- **.** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**,** Diagram 4- Statechart diagram “Teleconsultation”**.** |
| **GUI:** GUI 10- **.** |

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Table 15- Add a teleconsultation

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GUI 10- Add a teleconsultation

### US3.003– View teleconsultation details

|  |
| --- |
| MTC: US3.003– View teleconsultation details |
| **Description:** The actor views teleconsultation details. |
| **Actors:** Specialist. |
| **Precondition**  **There is a "sent" or "received" teleconsultation with any status among those defined.** |
| **Main scenario**   1. The user clicks the "View teleconsultation details" button relating to the teleconsultation of his (or her) interest. 2. The system searches and displays the teleconsultation details. 3. The actor browses the results. |
| **Alternative Flows** |
| **Exceptions** |
| **Reference Tables:** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** |

### US3.004– Edit teleconsultation details

|  |
| --- |
| MTC: US3.004– Edit teleconsultation details |
| **Description:** The actor changes the teleconsultation details, that is “requested” or “accepted”. |
| **Attori coinvolti:** Specialist. |
| **Precondition**  **There is a “requested” or “accepted” teleconsultation.** |
| **Main scenario**   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 and presses “Save”. 4. The system saves the changes to the teleconsultation. |
| **Alternative flows**  **Alternative flow no. 01**   1. In step 4, if the date-time has changed, the system requests the Messanger to process the notification for all the participants. |
| **Exceptions**   1. In step 4, the system shows an error message stating that only some of the required fields have been provided. 2. The flow of events resumes at step 2 of the main scenario. |
| **Reference tables:** Table 16- **.** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** |

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Table 16- Edit teleconsultation details

### US3.005– Remove a teleconsultation

|  |
| --- |
| MTC: US3.005– Remove a teleconsultation |
| **Description:** The actor removes a “requested” or “accepted” teleconsultation. |
| **Actors:** Specialist. |
| **Precondition**  **There is a “requested” or “accepted” teleconsultation.** |
| **Main scenario**   1. The actor clicks the "Remove teleconsultation" button relating to the teleconsultation of his (or her) interest. 2. The system asks the user to confirm the operation. 3. The actor clicks the “Confirm” button. 4. The system removes the teleconsultation. |
| **Alternative flows**  **Alternative flow no. 01**   1. In step 3, the actor presses the “Cancel” button. 2. The flow of events ends. |
| **Exceptions** |
| **Reference Tables:** Table 17- **.** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** |

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Table 17- Remove a teleconsultation

### US3.006– Accept a teleconsultation invitation

|  |
| --- |
| MTC: US3.006– Accept a teleconsultation invitation |
| **Description:** The actor accepts an invitation for a “requested” teleconsultation. |
| **Actors:** Specialist. |
| **Precondition**  **There is a “requested” teleconsultation.** |
| **Main scenario**   1. The actor clicks the “Accept teleconsultation invitation” relating to the teleconsultation of his (her) interest. 2. The system updates the teleconsultation invitation as “accepted” and saves the teleconsultation event on the actor’s agenda. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** Table 18- **.** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**,** Diagram 4- Statechart diagram “Teleconsultation”**.** |
| **GUI:** |

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Table 18- Accept a teleconsultation invitation

### US3.007– Reject a teleconsultation invitation

|  |
| --- |
| MTC: US3.007– Reject a teleconsultation invitation |
| **Description:** The actor rejects a “requested” teleconsultation. |
| **Actors:** Specialist. |
| **Precondition**  **There is a “requested” teleconsultation.** |
| **Main scenario**   1. The actor clicks the “Reject teleconsultation invitation” relating to the teleconsultation invitation of his (her) interest. 2. The system asks the user to confirm the operation. 3. The actor clicks the “Confirm” button. 4. The system removes the teleconsultation and requests the Messanger component to notify the sender. |
| **Alternative flows**  **Alternative flow no. 01**   1. In step 3, the actor does not confirm. 2. The flow of events ends. |
| **Exceptions** |
| **Reference Tables:** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** |

### US3.008– View teleconsultation event details

|  |
| --- |
| MTC: US3.008– View teleconsultation event details |
| **Description:** The actor views the teleconsultation event details on his (her) agenda. |
| **Actors:** Specialist, Patient. |
| **Precondition**  **There is a teleconsultation event on the agenda.** |
| **Main scenario**   1. The actor clicks “View all teleconsultations” to list all today’s teleconsultations. 2. The system searches and displays all the teleconsultation for the given date. 3. The actor clicks “View teleconsultation event details” relating to the teleconsultation event of his (or her) interest. 4. The system searches and displays the teleconsultation event details. 5. The actor browses the results. |
| **Alternative Flows** |
| **Exceptions** |
| **Reference Tables:** |
| **Reference Diagrams:** Diagram 8- Use case diagram User Story 3**.** |
| **GUI:** GUI 11- **.** |

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GUI 11- View teleconsultation event details

## User Story 4: Start televisit/teleconsultation

On the day and at the time scheduled for the televisit and (or) teleconsultation, the function that allows you to start the meeting between all the participants is enabled.

In particular, the connection takes place through integration with the XXX platform. The creator of the "televisit" and (or) "teleconsultation" event can start the meeting from the detail of the event scheduled in his agenda.

At the end of the meeting, all participants must indicate whether it was established successfully or terminated. If it is indicated that the event has been interrupted, the user must enter the reason for the interruption.

Below is the use case diagram of User Story 4:

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Diagram 9- Use case diagram User Story 4

### US4.001– Start a televisit/teleconsultation

|  |
| --- |
| MTC: US4.001– Start a televisit/teleconsultation |
| **Description:** The actor starts the televisit and (or) the teleconsultation on the current date and time. |
| **Actors:** Specialist, Family doctor. |
| **Precondition**  **A teleconsultation (or televisit) event is scheduled on the current date and time.** |
| **Main scenario**   1. The actor clicks the “Start televisit/teleconsultation” button relating the televisit/teleconsultation of his (or her) interest. 2. The system sends the request to the XXX system to start the meeting. |
| **Alternative flows** |
| **Exceptions** |
| **Reference Tables:** Table 19- **.** |
| **Reference Diagrams:** Diagram 9- Use case diagram User Story 4**.** |
| **GUI:** |

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Table 19- Start a televist/teleconsultation

### US4.002– Close a televisit/teleconsultation

|  |
| --- |
| MTC: US4.002– Close a televisit/teleconsultation |
| **Description:** The actor closes the televisit/teleconsultation meeting, specifying the outcome of the event. |
| **Actors:** Specialist, Family doctor, Patient. |
| **Precondition**  **There is a teleconsulting/televisit going on.** |
| **Main scenario**   1. The actor whats to close the meeting. 2. The system shows a form with the outcome field for the televist/teleconsultation. 3. The actor selects the outcome and presses “Save”. 4. The system saves the “executed” event and displays the refreshed agenda. |
| **Alterbative flows** |
| **Exceptions**  **Exception flow no. 01**   1. At step 4, the system displays an error message. |
| **Reference Tables** |
| **Reference Diagrams:** Diagram 9- Use case diagram User Story 4**.** |
| **GUI:** GUI 12 – **.** |

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GUI 12 – Close a televist/teleconsultation