EDRS Project Team

EDRS
Use Case Specification:
EDRS_UC_066_Update_a_Case - MC

Version 1.3

Revision History

Date	Version	Description	Author
10/23/03	1.0	New Use Case	Kumar Batra
12/24/03	1.1	Updated based on review comments from the EDRS Core Team.	Kumar Batra
01/08/04	1.2	Minor modification. UC name updated.	Kumar Batra
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Use Case Specification: EDRS_UC_066_Update_a_Case - MC

1. EDRS_UC_066_Update_a_Case – MC

1.1 Brief Description

The actor would use the functionality in this use case in the following scenarios:

I. To update information on the 'Medical Information Section' on the cases that are assigned to them and the status of 'Medical Information Section' is 'Pending'. Such cases may be owned by a FH or many be 'Unowned'. The actor would not be able to update the information on the 'Personal Information Section' on these cases.

II. To update information on the 'Personal Information Section' (if its status is 'Pending' or 'Rejected') on the cases owned by the MC or ME/Coroner. If the status of 'Medical Information Section' on such cases is either 'Pending' or 'Rejected' the actor would be able to update information in that section also.

III. To update the information on the 'Medical Information Section' on the cases that were referred to ME but the ME declined the referral and the status of the 'Medical Information Section' on the case is 'Referral Declined'.

2. Actor(s)

2.1 Medical Certifier

2.2 ME/Coroner

2.3 Medical Data Entry Clerk

3. Pre-Conditions

3.1 The Case exists in the system and conforms to one of the following conditions:

3.1.1 If the Case is owned by a FH or it is unowned, the 'Medical Information Section' is either 'Pending' or 'Rejected'.

3.1.2 If the Case is owned by the MC or ME/Coroner, either 1 or both the sections of the case are 'Pending'.

3.1.3 If the Case is owned by the MC or ME/Coroner, either 1 or both the sections of the case are 'Rejected'.

3.1.4 The status of the 'Medical Information Section' on the case is 'Referral Declined'.

4. Flow of Events

4.1 Basic Flow

	Actor	System
1.	Select option to 'Update a Case'.	Display list of cases that require updating.
2.	Select a Case from the list.	Display the selected case.

3.		If the 'Medical Information Section' requires updating, as it is in either 'Pending' or 'Rejected' status: Proceed to next step. Else: if only the 'Personal Information Section' requires updating, as it is in 'Pending' or 'Rejected' status skip the following steps in the Basic Flow and go to Alt Flow 4.2.2.
4.		Display screen to enter the data in the 'Medical Information Section'.
5.	Enter/update information in the 'Medical Information section'.	Perform field and cross-field edits (See Use Case: MVRS_UC_014_Perform_Edit). If the Case was 'unowned' and the actor indicated the Medical Facility or ME/Coroner would be acting as FH and/or disposer of the body of the deceased: Go to Alt Flow 4.2.1. *The edits would be performed on the fields only if data is entered into the field. Similarly a cross-field edit would only be performed when data in both the fields involved in the cross-field edit is entered.*
6.		If all edits passed successfully, display options 'Certify Now', 'Ready to be certified' and 'Save' (as pending). If one or more fields have out-of-range values accepted by the actor, display options 'Certify Now – with exceptions', 'Ready to be certified with exceptions' and 'Save' (as pending). If one or more edits is skipped or the case has incomplete required fields, display option 'Save' (as pending). *The above options are displayed for the 'Medical Information Section' of the Case.* *The actor would be able to select one of the options displayed.*
7.	Select option – 'Ready to be certified' or 'Ready to be certified with exceptions'. *The Basic Flow details the steps when the actor selects the option 'Ready to be certified' or 'Ready to be certified with exceptions' on the 'Medical Information Section'.* *See Alt Flow 4.2.2 for the scenario when the actor selects the option 'Certify Now' or 'Certify Now with exceptions' on the 'Medical Information Section'.* *See Alt Flow 4.2.3 for the scenario when the actor selects the option to 'Save' (as*	Set the status of 'Medical Information Section' on the case to - 'Ready to be certified' or 'Ready to be certified with exceptions' as applicable. *The case is added to the list of 'Ready to be certified' cases or 'Ready to be certified with exceptions' cases for the MC or MC/Coroner to certify. (See Use Case – EDRS_UC_63_Certify_COD_from_Queue).*

	Pending) on the 'Medical Information Section'.	
8.		Update event log.
9.		If the Medical Facility is handling the case and the 'Personal Information Section' requires updating, as it is in either 'Pending' or 'Rejected' status: Go to Alt Flow 4.2.10 to add/update information on the 'Personal Information Section'. Else: Exit.

4.2 Alternate Flow(s)

4.2.1 Actor selects to own the previously 'unowned' case in Basic Flow Step 5.

	Actor	**System**
5.A	Select option to own the case as the case would be handled at the Medical Facility.	Assign the ownership of the case to the Medical Facility of the logged in user.
5A.1		Enable the 'Personal Information Section' of the case.
5A.2		Go to Basic Flow Step 5.

4.2.2 Actor selects 'Certify Now' or 'Certify Now – with exceptions' on 'Medical Information Section' in Basic Flow Step 7.

	Actor	**System**
7.A	Select option – 'Certify Now' or 'Certify Now – with exceptions'.	Invoke EDRS_UC_023_Certify_COD Use Case.
7A.1		Save Case information.
7A.2		Go to Basic Flow Step 8.

4.2.3 Actor selects 'Save' (as Pending) on 'Medical Information Section' in Basic Flow Step 7.

	Actor	**System**
7.B	Select option – 'Save' (as Pending).	Set Status of 'Medical Information Section' on the Case to 'Pending'. *The case is added to the list of 'Pending' case for the actor to add/update more information to it later, when it is available. (See Use Case - EDRS_UC_066_Update_a_Case – MC)*
7B.1		Go to Basic Flow Step 8.

4.2.4 The Medical Facility is handling the case and the actor needs to add/update information in the 'Personal Information Section' in Basic Flow Step 9.

	Actor	**System**

9.A		Display screen to enter the data in the 'Personal Information Section'.
9A.1	Enter/update information in the 'Personal Information Section'. *If the case is going to be handled by the Medical Facility and not the Funeral Home, the 'Personal Information Section' is available to the actor.*	Perform field and cross-field edits (See Use Case: MVRS_UC_014_Perform_Edit). *The edits would be performed on the fields only if data is entered into the field. Similarly a cross-field edit would only be performed when data in both the fields involved in the cross-field edit is entered.*
9A.2		On the Personal Information Section: If key data elements are entered here or if SSN was verified earlier and the data elements used for SSN verification are updated – Enable 'Verify SSN' option. Else – Proceed to Step 9A.4.
9A.3	Select option 'Verify SSN' on the 'Personal Information Section'. *This is an optional step. The actor may or may-not verify the SSN at this point. See SR 6.5 also.*	Invoke 'EDRS_UC_015_Social_Security_Number_Verification' Use Case. *The use case describes the process of SSN verification through the services of software from the Social Security Administration. This is an important capability of the EDRS, as it will greatly enhance the quality control and integrity of the SSN processing associated with Death Certificates. Based on the outcome of the Use Case, an indicator will be set on the case.*
9A.4		If all edits passed successfully, display options 'Sign Now', 'Ready to be signed' and 'Save' (as pending). If one or more fields have out-of-range values accepted by the actor, display options 'Sign Now – with exceptions', 'Ready to be signed with exceptions' and 'Save' (as pending). If one or more edits is skipped or the case has incomplete required fields, display option 'Save' (as pending). *The above options are displayed for the 'Personal Information Section' of the Case.* *The actor would be able to select one of the options displayed.*
9A.5	Select option – 'Ready to be signed' or 'Ready to be signed with exceptions'. *This Alt Flow details the steps when the actor selects the option 'Ready to be signed' or 'Ready to be signed with exceptions' on the 'Personal*	Set status of the 'Personal Information Section' on the case to - 'Ready to be signed' or 'Ready to be signed with exceptions' as applicable. *The case is added to the list of 'Ready to be signed' cases or 'Ready to be signed with exceptions' cases for the MC or ME/Coroner to sign. (See Use Case – EDRS_UC_62_Sign_Case).*

	Information Section'. *See Alt Flow 4.2.5 for the scenario when the actor selects the option 'Sign Now' or 'Sign Now with exceptions'.* *See Alt Flow 4.2.6 for the scenario when the actor selects the option 'Save as Pending'.*	
9A.6		Update event log.
9A.7		Exit.

4.2.5 Actor selects 'Sign Now' or 'Sign now with exceptions' on 'Personal Information Section' in Alt Flow 4.2.4 Step 9A.5.

	Actor	**System**
9A.5A	Select option – 'Sign Now' or 'Sign Now – with exceptions'.	Invoke EDRS_UC_009_Sign_Personal_Information Use Case.
9A.5A.1		Save Case Information.
9A.5A.2		Exit.

4.2.6 Actor selects 'Save' (as Pending) on 'Personal Information Section' in Alt Flow 4.2.4 Step 9A.5.

	Actor	**System**
9A.5B	Select option – 'Save' (as Pending).	Set the status of 'Personal Information Section' on the Case to 'Pending'. *The case is added to the list of 'Pending' cases for the actor to add/update more information to it later, when it is available. (See Use Case - EDRS_UC_066_Update_a_Case – MC)*
9A.5B.1		Update event log.
9A.5B.2		Exit.

5. Post-Conditions

5.1 The Death Certificate Case is updated and the 'Medical Information Section' is in 'Ready to be certified' or 'Ready to be certified with exceptions' status.

5.2 A MC takes ownership of the case. (Alt Flow 4.2.1)

If the MC takes ownership of the Case, then the 'Personal Information Section' of the case is in one of the following status:

- *'Ready to be signed' or 'Ready to be signed with exceptions' (Alt Flow 4.2.4)*
- *'Signed' or 'Signed with exceptions' (Alt Flow 4.2.5)*
- *'Pending' (Alt Flow 4.2.6)*

5.3 The updated Death Certificate case is 'Certified' or 'Certified with exceptions'. (Alt Flow 4.2.2)

5.4 New Death Certificate case exists in the system in 'Pending' status. (Alt Flow 4.2.3)

5.5 Updated event log

6. Special Requirements / Business Rules

6.1 Case may be dropped-to-paper.

From this point onward the user has the option to drop the case to paper. Once the case is dropped to paper, the case is locked by the system. The case may be unlocked by the Registrar.

6.2 Data elements and edits must conform to NCHS guidelines.

6.3 OVS functional specifications will determine the SSN return code and others.

6.4 Rights for all updates of fields have been determined by Profile settings.

6.5 Verify SSN before signing.

If SSN is provided, its verification must be attempted before signing. If key SSN verification data elements change, SSN verification must be re-done.

6.6 Some fields (jurisdictionally defined) on 'unowned' cases, would be re-entered by the FH.

Although data into some fields on the Case Identification Data, which are part of the 'Personal Information Section' would be entered at the Medical Facility, so as to facilitate the FH to search and locate the record, however the information on those fields would not be printed on the Death Certificate. The FH would re-enter the information as part of the 'Personal Information Section', once they own the case. The information entered by the FH would ultimately be printed on the death certificate. The information entered by the MF is not deleted or over-ridden; it should be kept separately with the record.

7. Data

7.1 Medical Information Section on the Death Certificate Case

7.2 Personal Information (if applicable) Section on the Death Certificate Case

7.3 NAPHSIS section 5.6.2 (Information for unique key fields)

The EDRS National Model will propose a standard for uniquely identifying possible duplicates of a Death Certificate.

7.4 Medical Facility information

7.5 Activity History of the case

7.6 Event log entry