CTMS : Test cases for use case 1.1

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Use case context: 1.1 Enter AEs - caAERS UC https://wiki.nci.nih.gov/x/4pR8

Scenario	Expected behavior	expected	actual	pass/fail
1	User Selects a specific study / subject combination. User chooses to add new period of observation.	--	--	
1.1	User creates reporting period that overlaps with existing reporting period.	caaers should throw error/ warning message for overlapping reporting period, but allow user to continue without changes	Error is thrown, but user is not allowed to continue	⚠
1.2	User creates reporting period that has a gap with the last reporting period.	Caaers should throw error/warning message for gap in reporting period, but allow user to continue without changes	Error is not thrown, but user is allowed to continue	⚠
1.3	User creates reporting period that preceeded all existing reporting periods.	Caaers should allow creation of new reporting period.		✅
1.4	User creates a reporting period with invalid date range. [start date value is later than end date value]	Caaers gives error for invalid date range.		✅
1.5	User creates a reporting period with invalid start date [for example MM=15]	Caaers gives error for invalid start date.	No error is thrown. Invalid month [22/17/2008] is converted to valid date [10/17/2009]	⚠
1.6	User creates a reporting period with invalid end date [for example MM=15]	Caaers gives error for invalid end date.	No error is thrown. Invalid month [22/17/2008] is converted to valid date [10/17/2009]	⚠
1.7	User enters text [instead of integer] for specifying cycle number for a new reporting period.	Caaers gives error for invalid cycle number.		✅
1.8	User enters -ve integer for specifying cycle number for a new reporting period.	Caaers gives error for invalid cycle number.		✅
1.9	User creates two reporting period of type "baseline".	Caaers gives error for two "baseline" type reporting periods.		✅
1.10			No error is thrown	❌

	User creates a reporting period of type "treatment", when the only existing reporting period has the type "baseline", and doesn't mention the date of first course.	Caaers gives error for unknown date of first course.		
1.11	User creates reporting period of type "post-treatment", when the only existing reporting period has the type "baseline", and doesn't mention the date of first course.	Caaers gives error for unknown date of first course.	No error is thrown	❌
1.12	User mentions invalid date of first course.	Caaers gives error for invalid date.		✅
1.13	User does not specify any treatment assignment for a particular reporting period and saves the reporting period.	Caaers gives error for unspecified treatment assignment code.		✅
1.14	User doesn't specify a reporting period type when creating a reporting period	caAERS gives an error for missing reporting period type		✅
2	User has chosen appropriate study / subject / reporting period with type of treatment or post treatment.			
2.1	User chooses an existing study-subject-reporting period combination. He edits one of the existing AEs and saves it.	The AE is saved without error.		✅
2.2	User chooses an existing study-subject-reporting period combination. He deletes one of the existing AEs and saves it.	The AE is saved without error.		✅
2.3	User enters information for some of the solicited AEs. Then user specifies an observed AE term that is a duplicate of one of the solicited AEs and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✅

2.4	User does not add information to any solicited AE. In observed AEs section, user specifies an AE term that is in the solicited AEs list and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✅
2.5	User marks one of the solicited AEs as grade 4 AE, enters info in all required fields for that AE, and clicks save.	Caaers informs user that expedited reporting is required.		✅
2.6	User marks one of the observed AEs as grade 4 AE, enters info in all required fields for that AE, and clicks save.	Caaers informs user that expedited reporting is required.		✅
2.7	User marks one of the AEs [observed or solicited] as grade 4, and others as grade 2. User enters info in all required fields and saves.	Caaers marks only the grade 4 AE for expedited reporting, prompts user to select other AEs to include with the expedited report.		✅
2.7.1	User adds one of the lower grade AEs to expedited report flow.	Caaers allows user to add lower grade AEs to expedited report flow.		✅
2.8	User specifies the same CTC term twice when adding observed AEs and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✅
2.9	When user specifies a grade for a solicited AE he should be able to see the following selection to choose from: • Please select • Not evaluated • Grade 0 - Evaluated, but not present (description) • grades 1-5: [show CTC term specific grade descriptions]			✅
2.10	When user specifies a grade for an observed AE he should be able to see the following selection to choose from: • Please select			✅

	• grades 1-5: [show CTC term specific grade descriptions]			
2.11	Once user has filled in all information for a specific CTC term, caaers should automatically fill in expectedness information.	(this may be changing)		❓
2.12	User chooses 'Other - specify'. caAERS should bring up a field to enter the meddra term or AE info. The verbatim field should also still appear			✅
2.13	User chooses 'Other - specify' but does not enter anything into the "Other" text field	**Caaers throws error for blank 'other' field**	No error is thrown	❌
2.14	User specifies a solicited AE term with grade 0. He does not enter any other information and clicks save.	Caaers allows user to save AE without mentioning any attributes if CTC grade = 0. [for ex: hospitalization, verbatim etc even if marked mandatory by rules should be overidden here.]		✅
2.15	User creates and submits an expedited report. Then user chooses the same study-subject-reporting period combination and adds another AE with grade 4 and clicks save	Caaers prompts user that the AE is being added to the existing expedited report and gives the user the option to include additional AEs		❓
2.16	User creates and submits an expedited report. The user chooses the same study-subject-reporting period combination and adds other observed (non-serious) AEs to it and then clicks save	caAERS prompts user that an expedited report exists for the reporting period and prompts user to select additional AEs to the report (to amend the report)		❓
2.17	User enters observed AEs and then saves but doesn't answer "attribution to study"	caAERS throws error for blank attribution to study field		✅
2.18	User enters observed AEs and saves	caAERS throws error for blank grade		✅

	without entering Grade			
2.19	User specifies a solicited AE term with grade of "Not evaluated". He does not enter any other information and clicks save.	Caaers allows user to save AE without mentioning any attributes if CTC grade = not evaluated. [for ex: hospitalization, verbatim etc even if marked mandatory by rules should be overidden here.]		✔
2.20	user has not entered information for all solicited AEs when he saves the changes of the reporting period	caAERS throws a warning that the solicited AEs have not all been reported on, with the option to go back and/or continue		❓
3	User has chosen appropriate study / subject / reporting period with type of baseline			
3.1	User chooses the existing study-subject-reporting period combination. He edits one of the existing AEs and saves it.	The information about solicited AEs and observed AEs is reflected correctly in the 'Review & Report' page	The list of observed AEs and solicited AEs is not shown on the 'Review & Report ' page	❌
3.2	User chooses an existing study-subject-reporting period combination. He deletes one of the existing AEs and saves it.	Information is saved without error.		✔
3.3	User enters information for some of the solicited AEs. Then user specifies an observed AE term that is a duplicate of one of the solicited AEs and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✔
3.4	User does not add information to any solicited AE. In observed AEs section, user specifies an AE term that is in the solicited AEs list and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✔
3.5	User marks one of the solicited AEs as grade 4 AE and clicks save.	caAERS allows user to save AE without mentioning any attributes/reporting since type=baseline		✔

3.6	User marks one of the observed AEs as grade 4 AE and clicks save.	caAERS allows user to save AE without mentioning any attributes/reporting since type=baseline	rules for attribution and hospitalization are fired although these are not applicable to reporting period type = baseline	❌
3.7	User marks one of the AEs [observed or solicited] as grade 4, and others as grade 2 and saves	caAERS allows user to save AE without mentioning any attributes/reporting since type=baseline	For both low grade and high grade AEs caaers gives error for 'Missing Attribution to study'	❌
3.8	User specifies the same CTC term twice when adding observed AEs and clicks save.	Caaers throws error for duplicate AEs	caaers does not allow addition of duplicate AEs	✅
3.9	When user specifies a grade for a solicited AE he should be able to see the following selection to choose from: • Please select • Not evaluated • Grade 0 - Evaluated, but not present (description) • grades 1-5: [show CTC term specific grade descriptions]			✅
3.10	When user specifies a grade for an observed AE he should be able to see the following selection to choose from: • Please select • grades 1-5: [show CTC term specific grade descriptions]			✅
3.11	Once user has filled in all information for a specific CTC term, caaers should automatically fill in expectedness information.	(this may be changing)		❓
3.12	User chooses 'Other - specify' for observed AE. caAERS should bring up a field to enter the meddra term/ AE info. The verbatim			✅

	field should also still appear			
3.13	User chooses 'Other - specify' but does not enter anything into the "Other" text field	**Caaers throws error for blank 'other' field**	No error is thrown	❌
3.14	User specifies a solicited AE term with grade 0. He does not enter any other information and clicks save.	caAERS allows user to save AE without mentioning any attributes/reporting since type=baseline		✅
3.15	User enters observed AEs and then saves but doesn't answer "attribution to study"	caAERS allows user to save AE without mentioning any attributes since type=baseline		❌
3.16	User enters observed AEs and saves without entering Grade	caAERS throws error for blank grade		✅
3.17	User specifies a solicited AE term with grade of "Not evaluated". He does not enter any other information and clicks save.	caAERS allows user to save AE without mentioning any attributes/reporting since type=baseline		✅
3.18	user has not entered information for all solicited AEs when he saves the changes of the reporting period	caAERS throws a warning that the solicited AEs have not all been reported on, with the option to go back and/or continue		❓
3.19	User chooses the existing study-subject-reporting period combination. He edits one of the existing AEs and saves it.	The rules engine should not fire for baseline reporting period types and no AEs are reportable in 'review and report' page.		✅

- Can user change existing reporting period start / end dates?
- User needs to specify start date of first course. Shouldn't this be done at the study level? It this information required for a particular study or study - subject, or study - subject - reporting period combination?