

Career Tracker

Testing Results

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1. Record Maintenance – Alumni

1.1 Automated Unit Test Cases

93 automated test cases have been executed; details of tests are available at the following locations:

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/frontend/src/app/unit-tests>

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/unit-tests>

1.2 Functional Test Cases

Test Case ID	1.2.1	Test Case Name	Search for alumni – last name – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by last name is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a last name value (test value Edwards)	The last name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>		
Last Name:	<input type="text" value="Edwards"/>	First Name:	<input type="text"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text"/>	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/>	None:	<input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		

Search

New Albany, IN

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
117	Edwards	Alysha	New Albany, IN						

Test Case ID	1.2.2	Test Case Name	Search for alumni – last name – without results
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System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by last name is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a last name value (test value Shrout)	The last name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: None:

Graduate School: None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	  
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Test Case ID	1.2.3	Test Case Name	Search for alumni – first name – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by first name is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a first name value (test value Fred)	The first name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>		
Last Name:	<input type="text"/>	First Name:	<input type="text" value="Fred"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text"/>	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/>	None:	<input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		
<input type="button" value="Search"/>			

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Log

Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	  
108	Berger	Fred	Louisville, KY	9804		Indiana University	 
94	Harris	Fred	Clarksville, IN				 

Test Case ID	1.2.4	Test Case Name	Search for alumni – last name – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by last name is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a first name value (test value Scott)	The first name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	Actions
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Test Case ID	1.2.5	Test Case Name	Search for alumni – alumnus ID– with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by alumnus ID is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter an alumnus ID value (test value 79)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: None:

Graduate School: None:

Graduation Term
Code:

Search

New Albany, IN

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SOUTHEAST

Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	Actions
79	Drummond	Usamah	Louisville, KY				    

Test Case ID	1.2.6	Test Case Name	Search for alumni – alumnus ID – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by alumnus ID is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter an alumnus ID value (test value 888)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID: X

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+	!	X
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Test Case ID	1.2.7	Test Case Name	Search for alumni – city – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by city is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a city value (test value New Albany)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

 **Career Tracker**

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Logout

Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+  
105	Childs	Eduardo	New Albany, IN	9803	UPS		 
117	Edwards	Alysha	New Albany, IN				 
81	Forrest	Elise	New Albany, IN				 
93	Gardiner	Michalina	New Albany, IN				 
69	Lowry	Avni	New Albany, IN				 
75	Mcmahon	Carys	New Albany, IN				 
111	Miles	Payton	New Albany, IN				 
99	Spence	Kareem	New Albany, IN				 
87	Wright	Skyla	New Albany, IN				 

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Test Case ID	1.2.8	Test Case Name	Search for alumni – city – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by city is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a city value (test value New Washington)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search X

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+  
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Test Case ID	1.2.9	Test Case Name	Search for alumni – state – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by state is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a state value (test value IN)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7.	Select page 2 and page 3	Second page of results is displayed	Pass	
8.	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected
2. Additional page links display records beyond the max screen limit

Search

Alumnus ID:

Last Name: First Name:

City: State: IN

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
105	Childs	Eduardo	New Albany, IN	9803	UPS				
116	Dunn	Levi	Jeffersonville, IN						
117	Edwards	Alysha	New Albany, IN						
74	English	Lleyton	Jeffersonville, IN						
81	Forrest	Elise	New Albany, IN						
93	Gardiner	Michalina	New Albany, IN						
92	Gross	Krystal	Jeffersonville, IN						
94	Harris	Fred	Clarksville, IN						
118	Hawes	Blake	Clarksville, IN						
100	Holmes	Poppy	Clarksville, IN			Indiana University			
113	Hooper	Kiyan	Sellersburg, IN						
89	Hunter	Rosa	Sellersburg, IN						
110	Kaye	Conor	Jeffersonville, IN						
69	Lowry	Avni	New Albany, IN						
88	Mcbride	Sky	Clarksville, IN						

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+
75	Mcmahon	Carys	New Albany, IN				
71	Metcalfe	Aairah	Sellersburg, IN				
111	Miles	Payton	New Albany, IN				
77	Mooney	Hope	Sellersburg, IN				
95	Nash	Chaya	Sellersburg, IN				
112	Newton	Nala	Clarksville, IN				
106	Nguyen	Keane	Clarksville, IN				
98	Norris	Britney	Jeffersonville, IN				
70	Parkes	Alisa	Clarksville, IN				
104	Perez	Kamran	Jeffersonville, IN				
76	Potter	Jenna	Clarksville, IN				
82	Potts	Atlanta	Clarksville, IN				
101	Robin	Kristin	Sellersburg, IN				
99	Spence	Kareem	New Albany, IN				
86	Stephens	Samuel	Jeffersonville, IN				

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+
83	Tyson	Rafi	Sellersburg, IN				
80	Welch	Ronald	Jeffersonville, IN				
87	Wright	Skyla	New Albany, IN				

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Test Case ID	1.2.10	Test Case Name	Search for alumni – state – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by state is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a state value (test value WY)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: None:

Graduate School: None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+	☰	x
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Test Case ID	1.2.11	Test Case Name	Search for alumni – employer – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by employer is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select an employer value (test value UPS)	The employer field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search



Alumnus ID:

Last Name:

First Name:

City:

State:

Employer:

None:

Graduate School:

None:

Graduation Term

Code:

Search

New Albany, IN



Career Tracker

Records

Import Data

Reports/Exports

Logout

Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
91	Barron	Benas	Louisville, KY	9803	UPS				
105	Childs	Eduardo	New Albany, IN	9803	UPS				

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Test Case ID	1.2.12	Test Case Name	Search for alumni – employer – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by employer is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select an employer value (test value Humana)	The employer field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search



Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search



Career Tracker

Records ▾

Import Data

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Logout

Alumnus ID

Last Name

First Name

Location

Graduation
Term Code

Current Employer(s)

Graduate School(s)



Test Case ID	1.2.13	Test Case Name	Search for alumni – graduate school – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by graduate school is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select a graduate school value (test value Indiana University)	The graduate school field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: None:

Graduate School: None:

Graduation Term Code:

Search



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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
108	Berger	Fred	Louisville, KY	9804		Indiana University			
109	Carey	Shivani	Louisville, KY	9803		Indiana University			
100	Holmes	Poppy	Clarksville, IN			Indiana University			

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Test Case ID	1.2.14	Test Case Name	Search for alumni – graduate school – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by graduate school is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select a graduate school value (test value University of Louisville)	The graduate school field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: University of Louisville, Louisville, KY ▼ None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	  
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Test Case ID	1.2.15	Test Case Name	Search for alumni – no employer result
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by no employer selection is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select the “None” checkbox option next to employer	The checkbox is checked	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7.	Select pages 2,3, and 4.	Search results are displayed	Pass	
8.	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected
2. Additional page links display records beyond the max screen limit

Search

Alumnus ID:	<input type="text"/>	First Name:	<input type="text"/>
Last Name:	<input type="text"/>	City:	<input type="text"/>
Employer:	<input type="text"/>	State:	<input type="text"/>
Graduate School:	<input type="text"/>	None: <input checked="" type="checkbox"/>	
Graduation Term Code:	<input type="text"/>	None: <input type="checkbox"/>	

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
108	Berger	Fred	Louisville, KY	9804		Indiana University			
114	Bowman	Aneurin	Louisville, KY	9803					
109	Carey	Shivani	Louisville, KY	9803		Indiana University			
72	Castro	Ebrahi	Louisville, KY	9803					
85	Daniels	Marshall	Louisville, KY						
90	Devine	Rudi	Louisville, KY						
79	Drummond	Usamah	Louisville, KY						
116	Dunn	Levi	Jeffersonville, IN						
117	Edwards	Alysha	New Albany, IN						
74	English	Lleyton	Jeffersonville, IN						
102	Faulkner	Oilly	Louisville, KY						
81	Forrest	Elise	New Albany, IN						
93	Gardiner	Michalina	New Albany, IN						
92	Gross	Krystal	Jeffersonville, IN						
94	Harris	Fred	Clarksville, IN						

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Alumni Data Overview							
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	Actions
118	Hawes	Blake	Clarksville, IN			Indiana University	
100	Holmes	Poppy	Clarksville, IN				
113	Hooper	Kiyan	Sellersburg, IN				
89	Hunter	Rosa	Sellersburg, IN				
110	Kaye	Conor	Jeffersonville, IN				
84	Leon	Liam	Louisville, KY				
96	Lovell	Veronica	Louisville, KY				
69	Lowry	Avni	New Albany, IN				
88	Mcbride	Sky	Clarksville, IN				
75	Mcmahon	Carys	New Albany, IN				
97	Mcneill	Malia	Louisville, KY				
71	Metcalfe	Aairah	Sellersburg, IN				
111	Miles	Payton	New Albany, IN				
77	Mooney	Hope	Sellersburg, IN				
78	Myers	Teagan	Louisville, KY				

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Alumni Data Overview							
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	Actions
95	Nash	Chaya	Sellersburg, IN				
115	Neale	Bronwyn	Louisville, KY				
112	Newton	Nala	Clarksville, IN				
106	Nguyen	Keane	Clarksville, IN				
98	Norris	Britney	Jeffersonville, IN				
70	Parkes	Alisa	Clarksville, IN				
104	Perez	Kamran	Jeffersonville, IN				
107	Perry	Madiha	Louisville, KY				
76	Potter	Jenna	Clarksville, IN				
82	Potts	Atlanta	Clarksville, IN				
101	Robin	Kristin	Sellersburg, IN				
73	Sanchez	Neriah	Louisville, KY				
99	Spence	Kareem	New Albany, IN				
86	Stephens	Samuel	Jeffersonville, IN				
83	Tyson	Rafi	Sellersburg, IN				

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+
80	Welch	Ronald	Jeffersonville, IN				
87	Wright	Skyla	New Albany, IN				

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Test Case ID	1.2.16	Test Case Name	Search for alumni – no graduate school result
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by no graduate school selection is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Select the “None” checkbox option next to graduate school	The checkbox is checked	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7.	Select pages 2,3, and 4	Search results are displayed	Pass	
8.	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected
2. Additional page links display records beyond the max screen limit

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▾ None:

Graduate School: ▾ None:

Graduation Term
Code:

Search

New Albany, IN



Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
91	Barron	Benas	Louisville, KY	9803	UPS				
103	Bean	Aizah	Louisville, KY	9283	Ford Motor Company				
114	Bowman	Aneurin	Louisville, KY	9803					
72	Castro	Ebrahi	Louisville, KY	9803					
105	Childs	Eduardo	New Albany, IN	9803	UPS				
85	Daniels	Marshall	Louisville, KY						
90	Devine	Rudi	Louisville, KY						
79	Drummond	Usamah	Louisville, KY						
116	Dunn	Levi	Jeffersonville, IN						
117	Edwards	Alysha	New Albany, IN						
74	English	Lleyton	Jeffersonville, IN						
102	Faulkner	Ollie	Louisville, KY						
81	Forrest	Elise	New Albany, IN						
93	Gardiner	Michalina	New Albany, IN						
92	Gross	Krystal	Jeffersonville, IN						

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Alumni Data							+	-	X
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	S	E	X
94	Harris	Fred	Clarksville, IN				S	E	X
118	Hawes	Blake	Clarksville, IN				S	E	X
113	Hooper	Kiyan	Sellersburg, IN				S	E	X
89	Hunter	Rosa	Sellersburg, IN				S	E	X
110	Kaye	Conor	Jeffersonville, IN				S	E	X
84	Leon	Liam	Louisville, KY				S	E	X
96	Lovell	Veronica	Louisville, KY				S	E	X
69	Lowry	Avni	New Albany, IN				S	E	X
88	Mcbride	Sky	Clarksville, IN				S	E	X
75	Mcmahon	Carys	New Albany, IN				S	E	X
97	Mcneill	Malia	Louisville, KY				S	E	X
71	Metcalfe	Aairah	Sellersburg, IN				S	E	X
111	Miles	Payton	New Albany, IN				S	E	X
77	Mooney	Hope	Sellersburg, IN				S	E	X
78	Myers	Teagan	Louisville, KY				S	E	X

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Alumni Data							+	-	X
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	S	E	X
95	Nash	Chaya	Sellersburg, IN				S	E	X
115	Neale	Bronwyn	Louisville, KY				S	E	X
112	Newton	Nala	Clarksville, IN				S	E	X
106	Nguyen	Keane	Clarksville, IN				S	E	X
98	Norris	Britney	Jeffersonville, IN				S	E	X
70	Parkes	Alisa	Clarksville, IN				S	E	X
104	Perez	Kamran	Jeffersonville, IN				S	E	X
107	Perry	Madiha	Louisville, KY				S	E	X
76	Potter	Jenna	Clarksville, IN				S	E	X
82	Potts	Atlanta	Clarksville, IN				S	E	X
101	Robin	Kristin	Sellersburg, IN				S	E	X
73	Sanchez	Neriah	Louisville, KY				S	E	X
99	Spence	Kareem	New Albany, IN				S	E	X
86	Stephens	Samuel	Jeffersonville, IN				S	E	X
83	Tyson	Rafi	Sellersburg, IN				S	E	X

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Alumni Data									
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
95	Nash	Chaya	Sellersburg, IN						
115	Neale	Bronwyn	Louisville, KY						
112	Newton	Nala	Clarksville, IN						
106	Nguyen	Keane	Clarksville, IN						
98	Norris	Britney	Jeffersonville, IN						
70	Parkes	Alisa	Clarksville, IN						
104	Perez	Kamran	Jeffersonville, IN						
107	Perry	Madiha	Louisville, KY						
76	Potter	Jenna	Clarksville, IN						
82	Potts	Atlanta	Clarksville, IN						
101	Robin	Kristin	Sellersburg, IN						
73	Sanchez	Neriah	Louisville, KY						
99	Spence	Kareem	New Albany, IN						
86	Stephens	Samuel	Jeffersonville, IN						
83	Tyson	Rafiq	Sellersburg, IN						

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Alumni Data									
Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)			
80	Welch	Ronald	Jeffersonville, IN						
87	Wright	Skyla	New Albany, IN						

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Test Case ID	1.2.17	Test Case Name	Search for alumni – graduation term code – with results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by graduation term code is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a graduate term code value (test value 9803)	The graduation term code field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>	<input type="button" value="X"/>	
Last Name:	<input type="text"/>	First Name:	<input type="text"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text"/>	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/>	None:	<input type="checkbox"/>
Graduation Term Code:	9803	<input type="button" value="Search"/>	

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	<input type="button" value="+"/>	<input type="button" value="Edit"/>	<input type="button" value="X"/>
91	Barron	Benas	Louisville, KY	9803	UPS		<input type="button" value="Q"/>	<input checked="" type="checkbox"/>	<input type="button" value="X"/>
114	Bowman	Aneurin	Louisville, KY	9803			<input type="button" value="Q"/>	<input checked="" type="checkbox"/>	<input type="button" value="X"/>
109	Carey	Shivani	Louisville, KY	9803		Indiana University	<input type="button" value="Q"/>	<input checked="" type="checkbox"/>	<input type="button" value="X"/>
72	Castro	Ebrahi	Louisville, KY	9803			<input type="button" value="Q"/>	<input checked="" type="checkbox"/>	<input type="button" value="X"/>
105	Childs	Eduardo	New Albany, IN	9803	UPS		<input type="button" value="Q"/>	<input checked="" type="checkbox"/>	<input type="button" value="X"/>

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Test Case ID	1.2.18	Test Case Name	Search for alumgni – graduation term code – without results
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni by graduation term code is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a graduation term code value (test value 5555)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	+	☰	✖
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Test Case ID	1.2.19.1	Test Case Name	Search for alumni – combination fields – with results – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a last name (test value Berger) and first name (test value Fred)	The last name and first name fields are populated	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>		
Last Name:	<input type="text" value="Berger"/>	First Name:	<input type="text" value="Fred"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text"/>	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/>	None:	<input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		
<input type="button" value="Search"/>			

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	  
108	Berger	Fred	Louisville, KY	9804		Indiana University	 

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Test Case ID	1.2.19.2	Test Case Name	Search for alumni – combination fields – with results – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a last name (test value Berger) and enter graduation term code (test value 9804)	The last name and graduation term code fields are populated	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>		
Last Name:	Berger	First Name:	<input type="text"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text"/>	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/>	None:	<input type="checkbox"/>
Graduation Term Code:	9804	Search	

New Albany, IN

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	  
108	Berger	Fred	Louisville, KY	9804		Indiana University	 

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Test Case ID	1.2.19.3	Test Case Name	Search for alumni – combination fields – with results – test 3
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Enter a last name (test value Bean) and select employer Ford Motor Company	The last name and graduation term code fields are populated	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Alumnus ID:	<input type="text"/>		
Last Name:	<input type="text" value="Bean"/>	First Name:	<input type="text"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input style="width: 150px; border: 1px solid blue;" type="text" value="Ford Motor Company, Louisville, KY"/> ▼		None: <input type="checkbox"/>
Graduate School:	<input style="width: 150px; border: 1px solid gray;" type="text"/> ▼		None: <input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		

Search

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	Actions
103	Bean	Aizah	Louisville, KY	9283	Ford Motor Company	+  	

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Test Case ID	1.2.20	Test Case Name	Search for alumni – no criteria
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for alumni when specifying no criteria is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted alumni (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Search icon	Alumni search form is displayed	Pass	
4	Clear all fields.	All fields reflect no criteria entered	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7	Select pages 2,3, and 4	Search results are displayed	Pass	
8	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected
2. Additional page links display records beyond the max screen limit

Search

Alumnus ID:

Last Name: First Name:

City: State:

Employer: ▼ None:

Graduate School: ▼ None:

Graduation Term
Code:

Search

New Albany, IN

Alumnus ID		Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	 
91	Barron	Benas		Louisville, KY	9803	UPS		 
103	Bean	Aizah		Louisville, KY	9283	Ford Motor Company		 
108	Berger	Fred		Louisville, KY	9804		Indiana University	 
114	Bowman	Aneurin		Louisville, KY	9803			 
109	Carey	Shivani		Louisville, KY	9803		Indiana University	 
72	Castro	Ebrahi		Louisville, KY	9803			 
105	Childs	Eduardo		New Albany, IN	9803	UPS		 
85	Daniels	Marshall		Louisville, KY				 
90	Devine	Rudi		Louisville, KY				 
79	Drummond	Usamah		Louisville, KY				 
116	Dunn	Levi		Jeffersonville, IN				 
117	Edwards	Alysha		New Albany, IN				 
74	English	Lleyton		Jeffersonville, IN				 
102	Faulkner	Olly		Louisville, KY				 
81	Forrest	Elise		New Albany, IN				 

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Alumnus ID		Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)	 
93	Gardiner	Michalina		New Albany, IN				 
92	Gross	Krystal		Clarksville, IN				 
94	Harris	Fred		Clarksville, IN				 
118	Hawes	Blake		Clarksville, IN				 
100	Holmes	Poppy		Clarksville, IN			Indiana University	 
113	Hooper	Kiyan		Sellersburg, IN				 
89	Hunter	Rosa		Sellersburg, IN				 
110	Kaye	Conor		Jeffersonville, IN				 
84	Leon	Liam		Louisville, KY				 
96	Lovell	Veronica		Louisville, KY				 
69	Lowry	Avni		New Albany, IN				 
88	Mcbride	Sky		Clarksville, IN				 
75	Mcmahon	Carys		New Albany, IN				 
97	Mcneill	Malia		Louisville, KY				 
71	Metcalfe	Aairah		Sellersburg, IN				 

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)		
111	Miles	Payton	New Albany, IN					
77	Mooney	Hope	Sellersburg, IN					
78	Myers	Teagan	Louisville, KY					
95	Nash	Chaya	Sellersburg, IN					
115	Neale	Bronwyn	Louisville, KY					
112	Newton	Nala	Clarksville, IN					
106	Nguyen	Keane	Clarksville, IN					
98	Norris	Britney	Jeffersonville, IN					
70	Parkes	Alisa	Clarksville, IN					
104	Perez	Kamran	Jeffersonville, IN					
107	Perry	Madiha	Louisville, KY					
76	Potter	Jenna	Clarksville, IN					
82	Potts	Atlanta	Clarksville, IN					
101	Robin	Kristin	Sellersburg, IN					
73	Sanchez	Neriah	Louisville, KY					

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Alumnus ID	Last Name	First Name	Location	Graduation Term Code	Current Employer(s)	Graduate School(s)		
99	Spence	Kareem	New Albany, IN					
86	Stephens	Samuel	Jeffersonville, IN					
83	Tyson	Rafi	Sellersburg, IN					
80	Welch	Ronald	Jeffersonville, IN					
87	Wright	Skyla	New Albany, IN					

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Test Case ID	1.2.21	Test Case Name	Add new alumni – last name entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than last name are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (last name Shrout)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Delete Edit Close

Last Name:	Shroud	First Name:	<input type="text"/>
		A value is required.	
Mailing Address		Telephone Number/Email	
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/>
	<input type="text"/>	E-mail Address:	<input type="text"/>
City:	<input type="text"/>		
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Test Case ID	1.2.22	Test Case Name	Add new alumni – first name entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than first name are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (first name Scott)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Last Name: A value is required.

First Name: Scott

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By: Added

Added Date/Time:

Last Updated By: Added

Last Updated Date/Time:

Test Case ID	1.2.23	Test Case Name	Add new alumni – address line 1 entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 1 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (address line 1: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

101 Main St.

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

A value is required.

State:

A value is required.

Zip Code:

A value is required.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.24	Test Case Name	Add new alumni – address line 2 entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 2 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (address line 2: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

A value is required.

101 Main St.

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

A value is required.

State:

A value is required.

Zip Code:

A value is required.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.25	Test Case Name	Add new alumni – city entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (city: New Albany)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Last Name: A value is required.

First Name: A value is required.

Mailing Address

Street Address: A value is required.

City: New Albany

State: A value is required.

Zip Code: A value is required.

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:



Test Case ID	1.2.26	Test Case Name	Add new alumni – state entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (state: IN)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

A value is required.

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

A value is required.

State:

Zip Code:

A value is required.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.27	Test Case Name	Add new alumni – zip code entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than zip code are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (zip code: 47150)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

A value is required.

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

A value is required.

State:

A value is required.

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.28	Test Case Name	Add new alumni – telephone number entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than telephone number are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number: (555) 555-5555

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.29	Test Case Name	Add new alumni – email address entered only
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than email address are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@test.com	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Last Name: A value is required.

First Name: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address: test@test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	1.2.30.1	Test Case Name	Add new alumni – invalid telephone number format – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 595-22	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

(555) 595-22

The value is not in a valid format.

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.30.2	Test Case Name	Add new alumni – invalid telephone number format – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 59	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

The screenshot shows a Windows application window with a dark red header bar containing standard window controls (minimize, maximize, close). Below the header is a white form area with several input fields and their corresponding labels. Most fields have a light gray background, while some specific fields for 'Last Name', 'First Name', 'Telephone Number', and 'E-mail Address' have a pinkish-red background, indicating validation errors.

Last Name:	<input type="text"/>	First Name:	<input type="text"/>
A value is required.		A value is required.	
Mailing Address		Telephone Number/Email	
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/> (555) 59
	<input type="text"/>	The value is not in a valid format.	
City:	<input type="text"/>	E-mail Address:	<input type="text"/>
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Test Case ID	1.2.30.3	Test Case Name	Add new alumni – invalid telephone number format – test 3
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (telephone number: 50)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

 50

The value is not in a valid format.

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	1.2.31.1	Test Case Name	Add new alumni – invalid email address – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address:

The value is not in a valid format.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.31.2	Test Case Name	Add new alumni – invalid email address – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Last Name: A value is required.

First Name: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address: test@ The value is not in a valid format.

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	1.2.31.3	Test Case Name	Add new alumni – invalid email address – test 3
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address:

The value is not in a valid format.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.31.4	Test Case Name	Add new alumni – invalid email address – test 4
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@test.)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

The screenshot shows a Windows-style application window with a dark red header bar containing three icons: a trash can, a copy/paste, and a close button. The main area is a light gray form with several fields and their corresponding labels. Some fields have red borders and contain error messages.

Last Name:	First Name:
<input type="text"/>	<input type="text"/>
A value is required.	
Mailing Address	
Street Address:	<input type="text"/>
<input type="text"/>	
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

Last Name: A value is required.

First Name: A value is required.

Mailing Address

Street Address:

Telephone Number/Email

Telephone Number:

E-mail Address: test@test.
The value is not in a valid format.

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	1.2.32.1	Test Case Name	Add new alumni – valid email address – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

The screenshot shows a Windows application window with a dark red header bar containing three icons: a trash can, a copy/paste, and a close button. Below the header is a white form area with several input fields and validation messages.

Last Name:	<input type="text"/>	First Name:	<input type="text"/>
A value is required.		A value is required.	
Mailing Address		Telephone Number/Email	
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/>
	<input type="text"/>	E-mail Address:	<input type="text" value="test@test.com"/>
City:	<input type="text"/>		
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Test Case ID	1.2.232.2	Test Case Name	Add new alumni – valid email address – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test@test.test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address:

test@test.test.com

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.32.3	Test Case Name	Add new alumni – valid email address – test 3
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test_1@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Last Name: A value is required.

First Name: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address: test_1@test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	1.2.32.4	Test Case Name	Add new alumni – valid email address – test 4
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (email address: test_1.test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

The screenshot shows a Windows application window with a dark red header bar containing three icons: a document, a folder, and a close button. The main area is a white form with several fields and error messages.

Last Name:	<input type="text"/>	First Name:	<input type="text"/>
A value is required.		A value is required.	
Mailing Address		Telephone Number/Email	
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/>
	<input type="text"/>	E-mail Address:	<input type="text" value="test_1.test@test.com"/>
City:	<input type="text"/>		
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Test Case ID	1.2.33	Test Case Name	Add new alumni – invalid zip code
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when zip code is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data (zip code: 123EF)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Last Name:

A value is required.

First Name:

A value is required.

Mailing Address

Street Address:

A value is required.

City:

A value is required.

State:

A value is required.

Zip Code:

The value is not in a valid format.

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	1.2.34.1	Test Case Name	Add new alumni – valid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data: Last Name: Shrout First Name: Scott	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed

3. Record is committed

The screenshot shows a software application window with a dark red header bar containing three icons: a trash can, a floppy disk, and a close button. Below the header is a form for entering contact information. The form fields are as follows:

Last Name:	Shroud	First Name:	Scott
Mailing Address		Telephone Number/Email	
Street Address:		Telephone Number:	
		E-mail Address:	
City:			
State:			
Zip Code:			
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		



The record has been saved successfully.

Last Name:

Shroud

First Name:

Scott

Mailing Address

Street Address:

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

State:

Zip Code:

Added By:

CURRENTUSER

Last Updated By:

CURRENTUSER

Added Date/Time:

2/19/2020 2:13 PM

Last Updated Date/Time:

2/19/2020 2:13 PM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By

Last Updated By

Actions

Date/Time

Date/Time

Test Case ID	1.2.34.2	Test Case Name	Add new alumni – valid data – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data: Last Name: Shrout First Name: Scott Address Line 1: 101 Main St. City: New Albany State: IN Zip Code: 47150	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

The screenshot shows a software application window with a dark red header bar containing three icons: a trash can, a copy/paste, and a close button. Below the header is a form with the following fields:

Last Name:	Shroud	First Name:	Scott
Mailing Address		Telephone Number/Email	
Street Address:	101 Main St.	Telephone Number:	
City:	New Albany	E-mail Address:	
State:	IN		
Zip Code:	47150		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		



The record has been saved successfully.

Last Name:

Shroud

First Name:

Scott

Mailing Address

Street Address:

101 Main St.

Telephone Number/Email

Telephone Number:

City:

New Albany

E-mail Address:

State:

IN

Zip Code:

47150

Added By: CURRENTUSER

Last Updated By: CURRENTUSER

Added Date/Time: 2/19/2020 2:15 PM

Last Updated Date/Time: 2/19/2020 2:15 PM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By

Last Updated By

Actions

Date/Time

Date/Time

Test Case ID	1.2.34.3	Test Case Name	Add new alumni – valid data – test 3
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data: Last Name: Shrout First Name: Scott Telephone Number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed



Last Name:

Shroud

First Name:

Scott

Mailing Address

Street Address:

Telephone Number/Email

Telephone Number:

(555) 555-5555

City:

E-mail Address:

State:

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:



The record has been saved successfully.

Last Name:

Shroud

First Name:

Scott

Mailing Address

Street Address:

Telephone Number/Email

Telephone Number:

(555) 555-5555

E-mail Address:

City:

State:

Zip Code:

Added By:

CURRENTUSER

Last Updated By:

CURRENTUSER

Added Date/Time:

2/19/2020 2:16 PM

Last Updated Date/Time:

2/19/2020 2:16 PM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	1.2.34.4	Test Case Name	Add new alumni – valid data – test 4
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the New Record icon	Alumni detail form is displayed	Pass	
4	Enter test data: Last Name: Shrout First Name: Scott Email Address: test@test.com	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

Last Name:	Shroud	First Name:	Scott
Mailing Address		Telephone Number/Email	
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/>
City:	<input type="text"/>	E-mail Address:	<input type="text" value="test@test.com"/>
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

The record has been saved successfully.

Last Name:	Shroud	First Name:	Scott	
Mailing Address		Telephone Number/Email		
Street Address:	<input type="text"/>	Telephone Number:	<input type="text"/>	
City:	<input type="text"/>	E-mail Address:	<input type="text" value="test@test.com"/>	
State:	<input type="text"/>			
Zip Code:	<input type="text"/>			
Added By:	CURRENTUSER	Last Updated By:	CURRENTUSER	
Added Date/Time:	2/19/2020 2:17 PM	Last Updated Date/Time:	2/19/2020 2:17 PM	
Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	1.2.35.1	Test Case Name	Add new alumni – degree record – missing/invalid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Degrees tab	The degree information is displayed	Pass	
5	Select the New Record option	The degree detail window is displayed	Pass	
6	Enter test data: Diploma description: null Graduation term code: null	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed for fields as expected

A screenshot of a software application window with a red header bar. The main area contains two required input fields:

- Diploma Description:** An input field with a red border and a red placeholder message: "A value is required."
- Graduation Term Code:** An input field with a red border and a red placeholder message: "A value is required."

Below the input fields, there is a navigation bar with three tabs: "Enrollments", "Graduate Schools", and "Comments".

Test Case ID	1.2.35.2	Test Case Name	Add new alumni – degree record – missing/invalid data – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

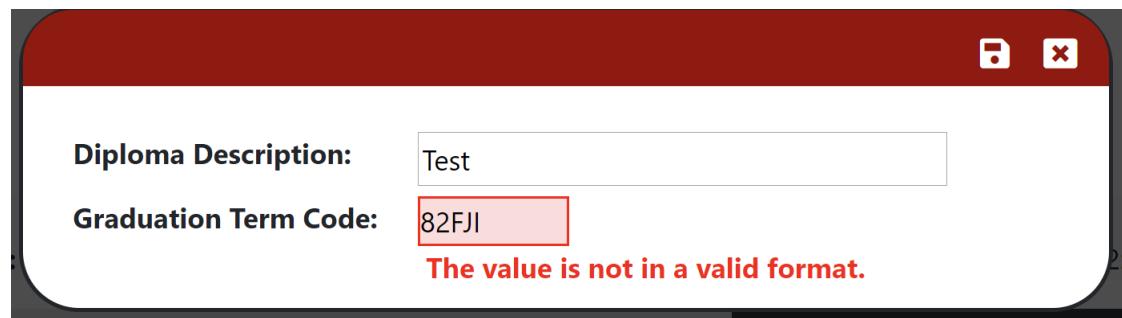
Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Degrees tab	The degree information is displayed	Pass	
5	Select the New Record option	The degree detail window is displayed	Pass	
6	Enter test data: Diploma description: Test Graduation term code: 82FJI	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed for fields as expected



Test Case ID	1.2.36	Test Case Name	Add new alumni – degree record – valid data
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

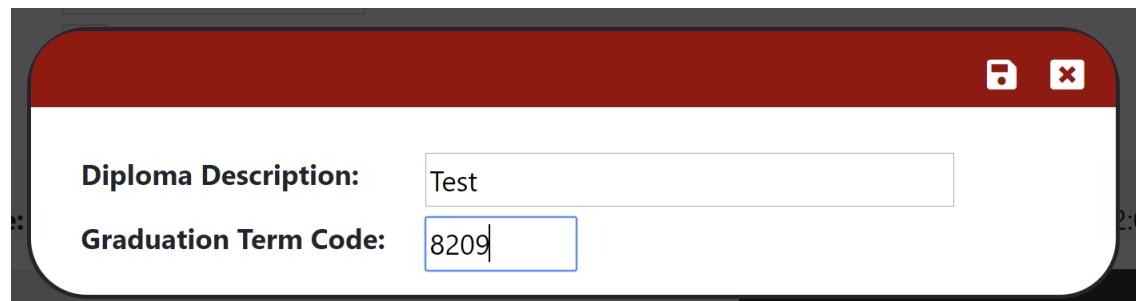
Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Degrees tab	The degree information is displayed	Pass	
5	Select the New Record option	The degree detail window is displayed	Pass	
6	Enter test data: Diploma description: Test Graduation term code: 8209	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

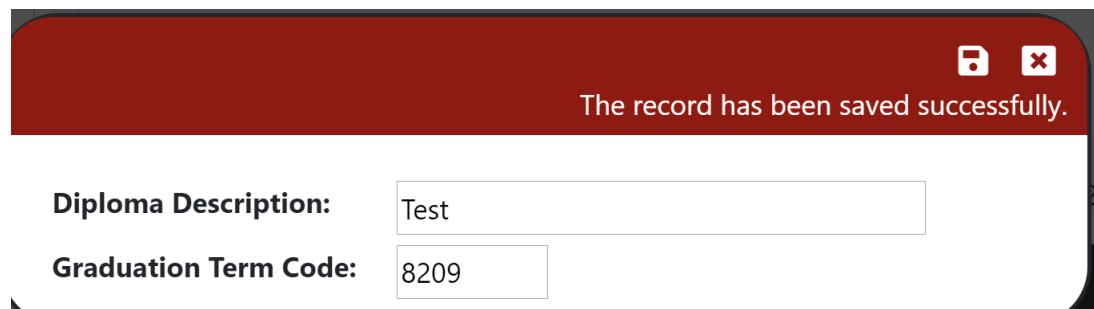
1. Validation errors not displayed for fields
2. Save message is displayed

3. Record is committed



Diploma Description:

Graduation Term Code:



The record has been saved successfully.

Diploma Description:

Graduation Term Code:

Test Case ID	1.2.37.1	Test Case Name	Add new alumni – employer record – missing/invalid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employers tab	The employer information is displayed	Pass	
5	Select the New Record option	The employer detail window is displayed	Pass	
6	Enter test data: Employer: null Role Title: null Active employment : unchecked	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed for fields as expected

A screenshot of a software application window. At the top right are standard window controls: a folder icon, a maximize/minimize button, and a close button. Below the controls, there are three input fields. The first field is labeled "Employer:" and contains a dropdown menu with a blue border. The second field is labeled "Role Title" and contains an empty text input box. The third field is labeled "Active Employment:" and contains a small square checkbox.

A screenshot of the same software application window, but the "Employer:" field now has a red border. Above the field, the message "A value is required." is displayed in red text. The other two fields remain the same as in the first screenshot.

Test Case ID	1.2.38.1	Test Case Name	Add new alumni – employer record – valid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employer tab	The employer information is displayed	Pass	
5	Select the New Record option	The employer detail window is displayed	Pass	
6	Enter test data: Employer: Humana, Louisville, KY Role Title: null Active Employment: unchecked	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed

A screenshot of a web-based form. At the top, there is a red header bar with a close button (X) and a save/refresh icon. Below the header, the form has three fields: 'Employer' (dropdown menu set to 'Humana, Louisville, KY'), 'Role Title' (empty input field), and 'Active Employment' (checkbox). A red error message 'A value is required.' is displayed above the empty 'Role Title' field. The bottom of the screen shows a navigation bar with tabs for 'Locations', 'Graduate Schools', and 'Comments'.



A screenshot of a web-based form. The fields are identical to the previous screenshots: 'Employer' (dropdown menu set to 'Humana, Louisville, KY'), 'Role Title' (empty input field), and 'Active Employment' (checkbox). The bottom of the screen shows a navigation bar with tabs for 'Locations', 'Graduate Schools', and 'Comments'.

Test Case ID	1.2.38.2	Test Case Name	Add new alumni – employer record – valid data – test 2
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employer tab	The employer information is displayed	Pass	
5	Select the New Record option	The employer detail window is displayed	Pass	
6	Enter test data: Employer: Humana, Louisville, KY Role Title: Test Active Employment: unchecked	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed

A screenshot of a software application window. The window has a red header bar with a save icon and a close icon. Below the header, there are three input fields: "Employer" with the value "Humana, Louisville, KY", "Role Title" with the value "Test", and "Active Employment" with a checked checkbox. The background of the window is white.

A screenshot of the same software application window as above, but now showing a success message. The message "The record has been saved successfully." is centered at the top of the window. The input fields for "Employer", "Role Title", and "Active Employment" remain the same as in the previous screenshot. The background of the window is white.

Test Case ID	1.2.38.3	Test Case Name	Add new alumni – employer record – valid data
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employer tab	The employer information is displayed	Pass	
5	Select the New Record option	The employer detail window is displayed	Pass	
6	Enter test data: Employer: Humana, Louisville, KY Role Title: null Active Employment: checked	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed

A screenshot of a software application window. At the top, there is a red header bar with two small icons: a white square with a black outline and a white 'X' inside. Below the header, the main area contains three form fields. The first field is labeled "Employer:" followed by a dropdown menu containing the text "Humana, Louisville, KY". The second field is labeled "Role Title" and has an empty input box. The third field is labeled "Active Employment:" followed by a checkbox which is checked. The background of the window is white.

A screenshot of the same software application window as the previous one, but now showing a message at the top. The red header bar at the top now displays the text "The record has been saved successfully." in white. The rest of the window remains the same, showing the employer dropdown set to "Humana, Louisville, KY", an empty role title input box, and the active employment checkbox checked.

Test Case ID	1.2.38.4	Test Case Name	Add new alumni – employer record – valid data
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employer tab	The employer information is displayed	Pass	
5	Select the New Record option	The employer detail window is displayed	Pass	
6	Enter test data: Employer: Humana, Louisville, KY Role Title: Test Active Employment: checked	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed

A screenshot of a software application window. At the top, there are standard window controls: a red minimize button, a white maximize button, and a black close button. Below the title bar, there are three form fields. The first field is labeled "Employer:" and contains the value "Humana, Louisville, KY" with a dropdown arrow indicating it's a dropdown menu. The second field is labeled "Role Title" and contains the value "Test". The third field is labeled "Active Employment:" and contains a checked checkbox, indicated by a blue checkmark inside a square.

A screenshot of the same software application window after a save operation. The window now displays a red header bar with the message "The record has been saved successfully." in white text. The rest of the interface remains the same, showing the "Employer", "Role Title", and "Active Employment" fields with their respective values and checked status.

Test Case ID	1.2.39	Test Case Name	Add new alumni – graduate school record – missing/invalid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Graduate School tab	The graduate school information is displayed	Pass	
5	Select the New Record option	The graduate school detail window is displayed	Pass	
6	Enter test data: Graduate school: null	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed for fields as expected

The image displays two screenshots of a mobile application interface. Both screenshots show a red header bar with a back arrow icon on the left and a close button (red square with white 'X') on the right. Below the header, the text "Graduate School:" is displayed next to a dropdown menu. In the top screenshot, the dropdown menu is open, showing a light blue background with a downward-pointing triangle icon at the bottom right corner. In the bottom screenshot, the dropdown menu is also open, but its background is red, and the text "A value is required." is displayed in red at the bottom center of the dropdown.

Graduate School:

Graduate School:

A value is required.

Test Case ID	1.2.40	Test Case Name	Add new alumni – graduate school record – valid data
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

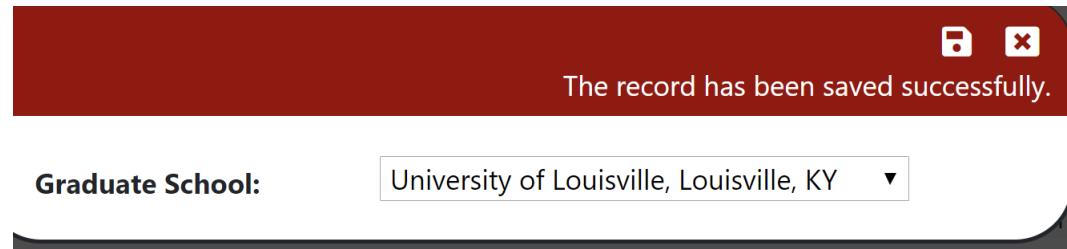
Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Graduate School tab	The graduate school information is displayed	Pass	
5	Select the New Record option	The graduate school detail window is displayed	Pass	
6	Enter test data: Graduate school: University of Louisville, Louisville, KY	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed



Test Case ID	1.2.41.1	Test Case Name	Add new alumni – comment record – missing/invalid data – test 1
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Fail	Corrective Action(s)	Corrected defect in AlumniEditComponent; re-tested successfully

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comments tab	The comment information is displayed	Pass	
5	Select the New Record option	The comment detail window is displayed	Pass	
6	Enter test data: Comment: null	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Fail	Error is displayed but field is not outlined in red color

Post-conditions

1. Validation errors displayed for fields as expected

Test Case ID	1.2.41.2	Test Case Name	Add new alumni – comment record – missing/invalid data – test 1 (retest)
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comments tab	The comment information is displayed	Pass	
5	Select the New Record option	The comment detail window is displayed	Pass	
6	Enter test data: Comment: null	Fields reflect test data input	Pass	
7.	Select the Save option	Validation errors are displayed	Pass	
8.	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed for fields as expected





Comment:

A value is required.

Test Case ID	1.2.42	Test Case Name	Add new alumni – comment record – valid data
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/19/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comments tab	The graduate school information is displayed	Pass	
5	Select the New Record option	The graduate school detail window is displayed	Pass	
6	Enter test data: Comments: Test	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed



Comment:

Test

Test Case ID	1.2.43	Test Case Name	Edit existing alumni general data – invalid/valid – last name
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: Last name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Last name: Smith	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.



Last Name:

First Name:

Benas

Mailing Address

Street Address:

7309 Bowman St.

City:

Louisville

State:

KY

Zip Code:

40252

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By:

IMPORT

Last Updated By:

IMPORT

Added Date/Time:

2/17/2020 12:00 AM

Last Updated Date/Time:

2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
				+
Diploma Description	Graduation Term Code	Added By	Last Updated By	Actions
		Date/Time	Date/Time	
B.S., Computer Science	9803	CURRENTUSER 2/17/2020 10:20 AM	CURRENTUSER 2/17/2020 10:23 AM	
Test	8209	CURRENTUSER 2/19/2020 2:39 PM	CURRENTUSER 2/19/2020 2:39 PM	
Test	8209	CURRENTUSER 2/19/2020 2:40 PM	CURRENTUSER 2/19/2020 2:40 PM	



Last Name:

A value is required.

First Name:

Mailing Address

Street Address:

City:

State:

Zip Code:

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Last Updated By: IMPORT

Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
				+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
B.S., Computer Science	9803	CURRENTUSER 2/17/2020 10:20 AM	CURRENTUSER 2/17/2020 10:23 AM	
Test	8209	CURRENTUSER 2/19/2020 2:39 PM	CURRENTUSER 2/19/2020 2:39 PM	
Test	8209	CURRENTUSER 2/19/2020 2:40 PM	CURRENTUSER 2/19/2020 2:40 PM	



The record has been saved successfully.

Last Name:

Smith

First Name:

Benas

Mailing Address

Street Address:

7309 Bowman St.

City:

Louisville

State:

KY

Zip Code:

40252

Telephone Number/Email

Telephone Number:

E-mail Address:

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:05 PM

Degrees	Employments	Graduate Schools	Comments	
				
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
B.S., Computer Science	9803	CURRENTUSER 2/17/2020 10:20 AM	CURRENTUSER 2/17/2020 10:23 AM	
Test	8209	CURRENTUSER 2/19/2020 2:39 PM	CURRENTUSER 2/19/2020 2:39 PM	
Test	8209	CURRENTUSER 2/19/2020 2:40 PM	CURRENTUSER 2/19/2020 2:40 PM	

Test Case ID	1.2.44	Test Case Name	Edit existing alumni general data – invalid/valid – first name
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: First name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: First name: John	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.



Last Name: Berger

First Name:

Mailing Address

Street Address: 8535 Wrangler Drive

Telephone Number/Email

Telephone Number: (502) 942-4902

City: Louisville

E-mail Address:

State: KY

Zip Code: 40202

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/17/2020 10:23 AM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By

Last Updated By

Actions

Date/Time

Date/Time

B.S., Chemistry

9804

CURRENTUSER

CURRENTUSER

2/17/2020 10:23 AM

2/17/2020 10:23 AM





Last Name:

Berger

First Name:

A value is required.

Mailing Address

Street Address:

8535 Wrangler Drive

Telephone Number/Email

Telephone Number:

(502) 942-4902

City:

Louisville

E-mail Address:

State:

KY

Zip Code:

40202

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/17/2020 10:23 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
B.S., Chemistry	9804	CURRENTUSER 2/17/2020 10:23 AM	CURRENTUSER 2/17/2020 10:23 AM	



The record has been saved successfully

Last Name:

Berger

First Name:

John

Mailing Address

Street Address:

8535 Wrangler Drive

Telephone Number/Email

Telephone Number:

(502) 942-4902

City:

Louisville

E-mail Address:

State:

KY

Zip Code:

40202

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:11 PM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By

Last Updated By

Actions

Date/Time

Date/Time

B.S., Chemistry

9804

CURRENTUSER

CURRENTUSER



2/17/2020 10:23 AM

2/17/2020 10:23 AM

Test Case ID	1.2.45	Test Case Name	Edit existing alumni general data – invalid/valid – city
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has address line 1, state, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: City: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: City: Louisville	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Last Name:	Drummond	First Name:	Usamah	  
Mailing Address		Telephone Number/Email		
Street Address:	7309 Bowman St. <input type="text"/>	Telephone Number:	<input type="text"/>	
City:	<input type="text"/>	E-mail Address:	<input type="text"/>	
State:	KY			
Zip Code:	40252			
Added By:	IMPORT	Last Updated By:	IMPORT	
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM	
Degrees	Employments	Graduate Schools	Comments	+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions



Last Name:

Drummond

First Name:

Usamah

Mailing Address

Street Address:

7309 Bowman St.

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

A value is required.

State:

KY

Zip Code:

40252

Added By: IMPORT

Last Updated By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
				+



The record has been saved successfully.

Last Name:

Drummond

First Name:

Usamah

Mailing Address

Street Address:

7309 Bowman St.

Telephone Number/Email

Telephone Number:

City:

Louisville

E-mail Address:

State:

KY

Zip Code:

40252

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:21 PM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By
Date/Time

Last Updated By

Actions

Test Case ID	1.2.46	Test Case Name	Edit existing alumni general data – invalid/valid – state
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has address line 1, city, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: State: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: State: OK	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.



Last Name:	Edwards	First Name:	Alysha
Mailing Address		Telephone Number/Email	
Street Address:	61 East Briarwood Drive	Telephone Number:	
City:	New Albany	E-mail Address:	
State:			
Zip Code:	47150		
Added By:	IMPORT	Last Updated By:	IMPORT
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions



Last Name: Edwards

First Name: Alysha

Mailing Address

Street Address: 61 East Briarwood Drive

Telephone Number/Email

Telephone Number:

City: New Albany

E-mail Address:

State:



A value is required.

Zip Code: 47150

Added By: IMPORT

Last Updated By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions



The record has been saved successfully.

Last Name:

Edwards

First Name:

Alysha

Mailing Address

Street Address:

61 East Briarwood Drive

Telephone Number/Email

Telephone Number:

E-mail Address:

City:

New Albany

State:

OK

Zip Code:

47150

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:25 PM

Degrees

Employments

Graduate Schools

Comments



Diploma Description

Graduation Term Code

Added By

Last Updated By

Actions

Date/Time

Date/Time

Test Case ID	1.2.47	Test Case Name	Edit existing alumni general data – invalid/valid – zip code
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: Zip Code: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Zip Code: 40203	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Last Name:	Faulkner	First Name:	Olly	  
Mailing Address		Telephone Number/Email		
Street Address:	8535 Wrangler Drive	Telephone Number:	<input type="text"/>	
City:	Louisville	E-mail Address:	<input type="text"/>	
State:	KY			
Zip Code:	<input type="text"/>			
Added By:	IMPORT	Last Updated By:	IMPORT	
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM	
Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

**Last Name:**

Faulkner

First Name:

Olly

Mailing Address**Street Address:**

8535 Wrangler Drive

City:

Louisville

State:

KY

Zip Code:**A value is required.****Telephone Number/Email****Telephone Number:****E-mail Address:****Added By:**

IMPORT

Last Updated By:

IMPORT

Added Date/Time: 2/17/2020 12:00 AM**Last Updated Date/Time:** 2/17/2020 12:00 AM**Degrees****Employments****Graduate Schools****Comments****Diploma Description****Graduation Term Code****Added By****Date/Time****Last Updated By****Date/Time****Actions**



The record has been saved successfully.

Last Name: Faulkner

First Name: Olly

Mailing Address

Street Address: 8535 Wrangler Drive

Telephone Number/Email

Telephone Number:
E-mail Address:

City: Louisville

State: KY

Zip Code: 40203

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:29 PM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	1.2.48	Test Case Name	Edit existing alumni general data – invalid/valid – telephone number
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: Telephone number: 123	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Telephone number: (555) 555-5555	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

✖
📄
trash

Last Name:	Faulkner	First Name:	Olly	
Mailing Address		Telephone Number/Email		
Street Address:	8535 Wrangler Drive	Telephone Number:	123	
City:	Louisville	E-mail Address:		
State:	KY			
Zip Code:	40203			
Added By:	IMPORT	Last Updated By:	CURRENTUSER	
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/29/2020 6:29 PM	
Degrees	Employments	Graduate Schools	Comments	+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions



Last Name: Faulkner

First Name: Olly

Mailing Address

Street Address: 8535 Wrangler Drive

City: Louisville

State: KY

Zip Code: 40203

Telephone Number/Email

Telephone Number: 123

The value is not in a valid format.

E-mail Address:

Added By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 6:29 PM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
				+



The record has been saved successfully.

Last Name: Faulkner

First Name: Olly

Mailing Address

Street Address: 8535 Wrangler Drive
[empty line]

Telephone Number/Email

Telephone Number: (555) 555-5555
E-mail Address: [empty line]

City: Louisville

State: KY

Zip Code: 40203

Added By: IMPORT

Last Updated By: CURRENTUSER

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/29/2020 6:32 PM

Degrees	Employments	Graduate Schools	Comments	+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	1.2.49	Test Case Name	Edit existing alumni general data – invalid/valid – email address
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Update fields: Email address :Test	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Email address : test@test.com	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Last Name:	Forrest	First Name:	Elise		
Mailing Address		Telephone Number/Email			
Street Address:	61 East Briarwood Drive	Telephone Number:	<input type="text"/>		
	<input type="text"/>	E-mail Address:	<input type="text" value="test"/>		
City:	New Albany				
State:	IN				
Zip Code:	47150				
Added By:	IMPORT	Last Updated By:	IMPORT		
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM		
Degrees	Employments	Graduate Schools	Comments	+	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions	

**Last Name:**

Forrest

First Name:

Elise

Mailing Address**Street Address:**

61 East Briarwood Drive

Telephone Number/Email**Telephone Number:****City:**

New Albany

E-mail Address:

test

The value is not in a valid format.**State:**

IN

Zip Code:

47150

Added By: IMPORT**Last Updated By:** IMPORT**Added Date/Time:** 2/17/2020 12:00 AM**Last Updated Date/Time:** 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
				+

The record has been saved successfully.

Last Name:	Forrest	First Name:	Elise	
Mailing Address		Telephone Number/Email		
Street Address:	61 East Briarwood Drive	Telephone Number:		
City:	New Albany	E-mail Address:	test@test.com	
State:	IN			
Zip Code:	47150			
Added By:	IMPORT	Last Updated By:	CURRENTUSER	
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/29/2020 6:35 PM	
Degrees	Employments	Graduate Schools	Comments	+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	1.2.49	Test Case Name	Edit existing alumni degree data – invalid/valid data – diploma description
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing degree record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Edit function for an existing degree record.	The degree record detail form is displayed	Pass	
5	Update fields: Diploma description: null	Field(s) reflect(s) updated value(s)	Pass	
6	Select the Save option	Validation error(s) displayed as expected.	Pass	
7	Check post-condition 1		Pass	
8	Update fields: Diploma description: Test	Field(s) reflect(s) updated value(s)	Pass	
9	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
10	Check post-condition 2		Pass	
11	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)



Diploma Description:

Graduation Term Code:



Diploma Description:

A value is required.

Graduation Term Code:



The record has been saved successfully.

Diploma Description:

Graduation Term Code:

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
Test	9804	CURRENTUSER 2/17/2020 10:23 AM	CURRENTUSER 2/29/2020 6:49 PM	 

Test Case ID	1.2.50	Test Case Name	Edit existing alumni degree data – invalid/valid data – graduation term code
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing degree record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Edit function for an existing degree record.	The degree record detail form is displayed	Pass	
5	Update fields: Graduation term code: null	Field(s) reflect(s) updated value(s)	Pass	
6	Select the Save option	Validation error(s) displayed as expected.	Pass	
7	Check post-condition 1		Pass	
8	Update fields: Graduation term code: 1234	Field(s) reflect(s) updated value(s)	Pass	
9	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
10	Check post-condition 2		Pass	
11	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)





The record has been saved successfully.

Diploma Description:

Graduation Term Code:

Test Case ID	1.2.51	Test Case Name	Edit existing alumni employment data – invalid/valid data – employer
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
5	Select the Edit function for an existing employment record.	The employment record detail form is displayed	Pass	
6	Update fields: Employer: null	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	Validation error(s) displayed as expected.	Pass	
8	Check post-condition 1		Pass	
9	Update fields: Employer: Humana...	Field(s) reflect(s) updated value(s)	Pass	
10	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
11	Check post-condition 2		Pass	
12	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)



A screenshot of a Windows-style application window. At the top right are two buttons: a white square with a black outline and a red square with a white 'X'. Below the window title, there is a dark red header bar. The main area contains three input fields: 'Employer' with a dropdown arrow, 'Role Title' with a text input field, and 'Active Employment:' with a checked checkbox.

Employer:

Role Title

Active Employment:



A screenshot of a Windows-style application window. At the top right are two buttons: a white square with a black outline and a red square with a white 'X'. Below the window title, there is a dark red header bar. The main area contains three input fields: 'Employer' with a red border and a dropdown arrow, 'Role Title' with a text input field, and 'Active Employment:' with a checked checkbox. A red error message 'A value is required.' is displayed above the employer field.

Employer: **A value is required.**

Role Title

Active Employment:



The record has been saved successfully

Employer: ▼

Role Title

Active Employment:

Degrees	Employments	Graduate Schools	Comments			
Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time	Actions
Humana	Louisville , KY		Y	CURRENTUSER 2/19/2020 7:31 PM	CURRENTUSER 2/29/2020 6:58 PM	

Test Case ID	1.2.52	Test Case Name	Edit existing alumni employment data – valid data – role title
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are not shown and record committed as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
5	Select the Edit function for an existing employment record.	The employment record detail form is displayed	Pass	
6	Update fields: Role title: null	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	No validation error	Pass	
8	Check post-condition 1		Pass	
9	Check post-condition 2		Pass	

Post-conditions

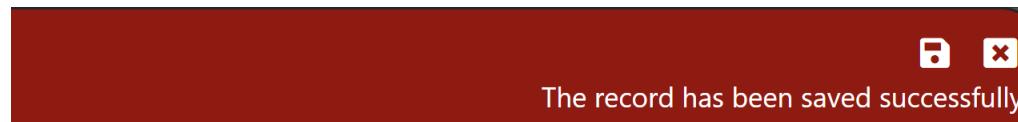
1. Validation errors removed; save message displayed.
2. Record committed as expected; alumni detail tab control reflects updated value(s)



Employer: ▾

Role Title

Active Employment:



Employer: ▾

Role Title

Active Employment:

Degrees	Employments	Graduate Schools	Comments	Actions		
Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time	Actions
Humana	Louisville , KY		Y	CURRENTUSER 2/19/2020 7:31 PM	CURRENTUSER 2/29/2020 7:03 PM	

Test Case ID	1.2.53	Test Case Name	Edit existing alumni employment data – valid data – role title
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are not shown and record committed as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
5	Select the Edit function for an existing employment record.	The employment record detail form is displayed	Pass	
6	Update fields: Role title: Test	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	No validation error	Pass	
8	Check post-condition 1		Pass	
9	Check post-condition 2		Pass	

Post-conditions

1. Validation errors removed; save message displayed.
2. Record committed as expected; alumni detail tab control reflects updated value(s)

Employer: Humana, Louisville, KY

Role Title Test

Active Employment:



Employer: Humana, Louisville, KY

Role Title Test

Active Employment:

Degrees	Employments	Graduate Schools	Comments	
	Employer Name Location Humana Louisville , KY	Role Title Test	Active Employment Y	Added By Date/Time CURRENTUSER 2/19/2020 7:31 PM

Test Case ID	1.2.54	Test Case Name	Edit existing alumni employment data – valid data – active employment
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are not shown and record committed as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
4	Select the Edit function for an existing employment record.	The employment record detail form is displayed	Pass	
4	Update fields: Active employment: false (unchecked)	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	No validation error	Pass	
9.	Check post-condition 1		Pass	
10.	Check post-condition 2		Pass	

Post-conditions

1. Validation errors removed; save message displayed.
2. Record committed as expected; alumni detail tab control reflects updated value(s)



Employer:

Role Title

Active Employment:



The record has been saved successfully.

Employer:

Role Title

Active Employment:



Degrees	Employments	Graduate Schools	Comments	
				+
Employer Name	Location	Role Title	Active Employment	Added By Date/Time
Humana	Louisville , KY		N	CURRENTUSER 2/19/2020 7:31 PM
				CURRENTUSER 2/29/2020 7:07 PM
				Actions
				

Test Case ID	1.2.55	Test Case Name	Edit existing alumni employment data – valid data – active employment
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are not shown and record committed as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
5	Select the Edit function for an existing employment record.	The employment record detail form is displayed	Pass	
6	Update fields: Active employment: true (checked)	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	No validation error	Pass	
8	Check post-condition 1		Pass	
9	Check post-condition 2		Pass	

Post-conditions

1. Validation errors removed; save message displayed.

2. Record committed as expected; alumni detail tab control reflects updated value(s)



Employer: ▼

Role Title

Active Employment:



Employer: ▼

Role Title

Active Employment:

Degrees	Employments	Graduate Schools	Comments		
Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time
Humana	Louisville , KY		Y	CURRENTUSER 2/19/2020 7:31 PM	CURRENTUSER 2/29/2020 7:09 PM

Test Case ID	1.2.56	Test Case Name	Edit existing alumni graduate school data – invalid/valid data – graduate school
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; alumni has existing employer record

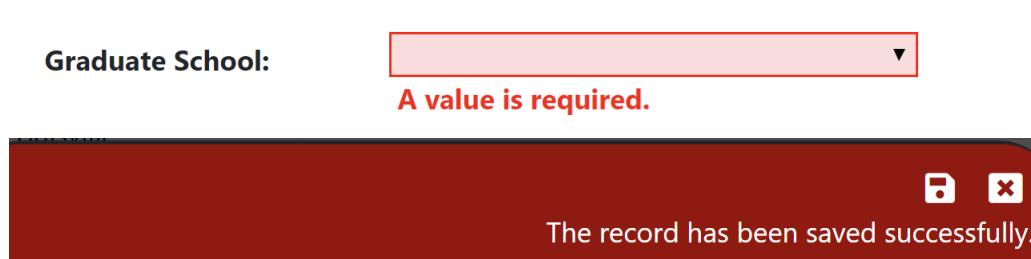
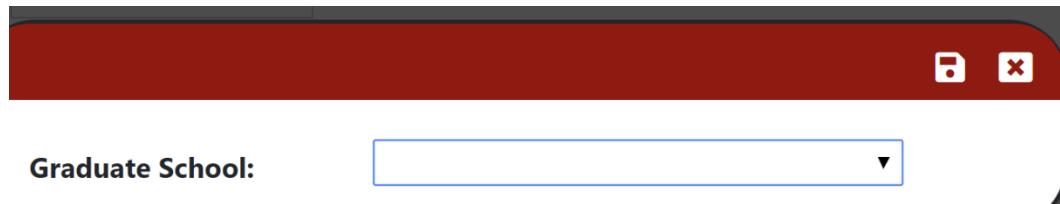
Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Graduate School tab control area	The comment records are displayed	Pass	
5	Select the Edit function for an existing graduate school record.	The graduate school record detail form is displayed	Pass	
6	Update fields: Graduate School: null	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	Validation error(s) displayed as expected.	Pass	
8	Check post-condition 1		Pass	
9	Update fields: Graduate School: University of Louisville...	Field(s) reflect(s) updated value(s)	Pass	
10	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
11	Check post-condition 2		Pass	

12	Check post-condition 3		Pass	
----	------------------------	--	------	--

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)



Degrees	Employments	Graduate Schools	Comments	
School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions
Jniversity of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM	 

Test Case ID	1.2.57.1	Test Case Name	Edit existing alumni comment data – invalid/valid data – comment
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Fail	Corrective Action(s)	Corrected defect in AlumniEditComponent; re-tested successfully

Pre-conditions

Application is available and running; alumni is existing; alumni has existing comment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comment tab control area	The comment records are displayed	Pass	
5	Select the Edit function for an existing comment record.	The comment record detail form is displayed	Pass	
6	Update fields: Comment: null	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	Validation error(s) displayed as expected.	Pass	
8	Check post-condition 1		Fail	Validation errors displayed but field not outlined in red

9	Update fields: Comment: This is a test	Field(s) reflect(s) updated value(s)	Pass	
10	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
11	Check post-condition 2		Pass	
12	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)

Test Case ID	1.2.57.2	Test Case Name	Edit existing alumni comment data – invalid/valid data – comment (retest)
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Fail	Corrective Action(s)	Corrected defect in AlumniEditComponent; re-tested successfully

Pre-conditions

Application is available and running; alumni is existing; alumni has existing comment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comment tab control area	The comment records are displayed	Pass	
5	Select the Edit function for an existing comment record.	The comment record detail form is displayed	Pass	
6	Update fields: Comment: null	Field(s) reflect(s) updated value(s)	Pass	
7	Select the Save option	Validation error(s) displayed as expected.	Pass	
8	Check post-condition 1		Fail	Validation errors displayed but field not outlined in red
9	Update fields: Comment: This is a test	Field(s) reflect(s) updated value(s)	Pass	
10	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	

11	Check post-condition 2		Pass	
12	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; alumni detail tab control reflects updated value(s)



Comment:



Comment:

A large, empty text input field with a red border. It is intended for users to enter a comment, but it currently contains no text.

A value is required.



The record has been saved successfully.

Comment:

This is a test

Test Case ID	1.2.58	Test Case Name	Delete - Alumni
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Delete function.	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Alumni detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function.	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	The edit form is closed, deleted flag is updated on record but record not physically deleted, control returns to main alumni component	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to alumni edit component.
2. Edit form is closed, control returns to main alumni component.
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows the Indiana University Southeast Career Tracker application interface. At the top, there is a red header bar with the IU Southeast logo and the text "Career Tracker". Below the header, there is a navigation menu with links for "Records", "Import Data", and "Reports/Exports". The main content area displays a table with columns: "Alumnus ID", "Last Name", "First Name", "Location", "Graduation Term Code", and "Current Employer(s)". A single row is selected, showing Alumnus ID 74, Last Name English, First Name Lleyton, Location Jeffersonville, IN, and an empty "Graduation Term Code" field. Below the table, there is a form for editing contact information. The form fields include "Last Name" (English), "First Name" (Lleyton), "Mailing Address" (Street Address: 760 Sherman St., City: Jeffersonville), "Telephone Number/Email" (Telephone Number and E-mail Address fields both empty), "State" (IN), and "Zip Code" (47130). At the bottom of the form, it shows "Added By: IMPORT" and "Added Date/Time: 2/17/2020 12:00 AM". To the right, it shows "Last Updated By: IMPORT" and "Last Updated Date/Time: 2/17/2020 12:00 AM". Below the form, there is a table with columns: "Degrees", "Employments", "Graduate Schools", and "Comments". The "Comments" column has a plus sign (+) icon. The table below contains rows for "Diploma Description", "Graduation Term Code", "Added By Date/Time", "Last Updated By Date/Time", and "Actions".

Last Name: English First Name: Lleyton

Mailing Address

Street Address: 760 Sherman St.

City: Jeffersonville

State: IN

Zip Code: 47130

Added By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Telephone Number/Email

Telephone Number:

E-mail Address:

Are you sure you wish
to delete this record?

Yes No

By: IMPORT

Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
				+

Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Last Name: English First Name: Lleyton

Mailing Address

Street Address: 760 Sherman St.

City: Jeffersonville

State: IN

Zip Code: 47130

Added By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Telephone Number/Email

Telephone Number:

E-mail Address:

Last Updated By: IMPORT

Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	
				+

Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

Last Name: English First Name: Leyton

Mailing Address

Street Address: 760 Sherman St.

Telephone Number/Email

Telephone Number:

E-mail Address:

City: Jeffersonville

State: IN

Zip Code: 47130

Added By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM

Last Updated Date/Time: 2/17/2020 12:00 AM

Are you sure you wish to delete this record?

Yes **No**

Degrees	Employments	Graduate Schools	Comments	+
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

 **Career Tracker** Records ▾ Import Data Reports/Exports

SOUTHEAST

Alumnus ID	Last Name	First Name	Location	Graduation Term Code
------------	-----------	------------	----------	----------------------

```

1 •  SELECT deleted from alumni
2 WHERE alumnus_id = 74

```

Result Grid	Filter Rows:	Export:	Wr
deleted			
1			

Test Case ID	1.2.59	Test Case Name	Delete – Alumni – degree record
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; degree record is existing on alumni

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Delete function on one of the degree records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Alumni detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the degree records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Alumni detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to alumni edit component.
2. Alumni edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows the 'Alumni Edit' page. At the top, there are input fields for Last Name ('Castro') and First Name ('Ebrahi'). Below this is a 'Mailing Address' section with Street Address ('8535 Wrangler Drive'), City ('Louisville'), State ('KY'), and Zip Code ('40202'). To the right is a 'Telephone Number/Email' section with Telephone Number and E-mail Address ('ecastro@gmail.com'). At the bottom of the main form, status information is shown: Added By: IMPORT, Added Date/Time: 2/17/2020 12:00 AM, Last Updated By: CURRENTUSER, and Last Updated Date/Time: 2/17/2020 10:46 AM. Below the main form is a 'Degrees' section with a table:

Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
B.S. Mathematics	9803	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/17/2020 10:26 AM	

This screenshot is identical to the one above, showing the 'Alumni Edit' page with the same form fields and 'Degrees' section. However, a modal dialog box is overlaid in the center, asking 'Are you sure you wish to delete this record?' with 'Yes' and 'No' buttons. The rest of the page content is dimmed.

Last Name: Castro First Name: Ebrahi

Mailing Address Telephone Number/Email

Street Address: 8535 Wrangler Drive Telephone Number:

City: Louisville E-mail Address: ecastro@gmail.com

State: KY

Zip Code: 40202

Added By: IMPORT Last Updated By: CURRENTUSER
Added Date/Time: 2/17/2020 12:00 AM Last Updated Date/Time: 2/17/2020 10:46 AM

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions
B.S. Mathematics	9803	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/17/2020 10:26 AM	

Last Name: Castro First Name: Ebrahi

Mailing Address Telephone Number/Email

Street Address: 8535 Wrangler Drive Telephone Number:

City: Louisville E-mail Address: ecastro@gmail.com

State: KY

Zip Code: 40202

Added By: IMPORT By: CURRENTUSER
Added Date/Time: 2/17/2020 12:00 AM Date/Time: 2/17/2020 10:46 AM

Are you sure you wish to delete this record?

Yes No

Degrees	Employments	Graduate Schools	Comments	
Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	

Last Name: Castro First Name: Ebrahi

Mailing Address Telephone Number/Email

Street Address: 8535 Wrangler Drive Telephone Number:

City: Louisville E-mail Address: ecastro@gmail.com

State: KY

Zip Code: 40202

Added By: IMPORT Last Updated By: CURRENTUSER
Added Date/Time: 2/17/2020 12:00 AM Last Updated Date/Time: 2/29/2020 9:05 PM

Degrees Employments Graduate Schools Comments

Diploma Description	Graduation Term Code	Added By Date/Time	Last Updated By Date/Time	Actions

```
1 •  SELECT deleted
2      FROM alumni_degrees
3      WHERE alumnus_id = 72
```

Result Grid | Filter Rows: Export

	deleted
▶	1

Test Case ID	1.2.60	Test Case Name	Delete – Alumni – employment record
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; employment record is existing on alumni

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Employments tab control area	The employment records are displayed	Pass	
4	Select the Delete function on one of the employment records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Alumni detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the employment records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Alumni detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to alumni edit component.
2. Alumni edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

This screenshot shows the 'Alumni Edit' component. At the top, there are fields for Last Name ('Childs') and First Name ('Eduardo'). Below these are sections for Mailing Address (Street Address: '61 East Briarwood Drive', City: 'New Albany', State: 'IN', Zip Code: '47150') and Telephone Number/Email (Telephone Number and E-mail Address fields). Under the 'Employments' tab, a table lists one record:

Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time	Actions
UPS	Louisville, KY		Y	CURRENTUSER 2/17/2020 10:46 AM	CURRENTUSER 2/17/2020 10:46 AM	

This screenshot shows the same 'Alumni Edit' component as above, but with a modal dialog box in the center asking 'Are you sure you wish to delete this record?'. The dialog has 'Yes' and 'No' buttons. The rest of the page content is dimmed.

Last Name: Childs First Name: Eduardo

Mailing Address Telephone Number/Email

Street Address: 61 East Briarwood Drive Telephone Number:

City: New Albany E-mail Address:

State: IN

Zip Code: 47150

Added By: IMPORT Last Updated By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments			
				<input type="button" value=""/>	<input type="button" value=""/>	<input type="button" value=""/>
Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time	Actions
UPS	Louisville , KY		Y	CURRENTUSER 2/17/2020 10:46 AM	CURRENTUSER 2/17/2020 10:46 AM	<input type="button" value=""/> <input type="button" value=""/>

Last Name: Childs First Name: Eduardo

Mailing Address Telephone Number/Email

Street Address: 61 East Briarwood Drive Telephone Number:

City: New Albany E-mail Address:

State: IN

Zip Code: 47150

Added By: IMPORT By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments			
				<input type="button" value=""/>	<input type="button" value=""/>	<input type="button" value=""/>
Employer Name	Location	Role Title	Active Employment	Added By Date/Time	Last Updated By Date/Time	Actions
UPS	Louisville , KY		Y	CURRENTUSER 2/17/2020 10:46 AM	CURRENTUSER 2/17/2020 10:46 AM	<input type="button" value=""/> <input type="button" value=""/>

Are you sure you wish
to delete this record?

1 • **SELECT deleted**
 2 **FROM alumni_employments**
 3 **WHERE alumnus_id = 105**

result Grid		Filter Rows:
deleted		
1		

Test Case ID	1.2.61	Test Case Name	Delete – Alumni – graduate school record
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; graduate school record is existing on alumni

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Graduate Schools tab control area	The graduate school records are displayed	Pass	
4	Select the Delete function on one of the graduate school records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Alumni detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the graduate school records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Alumni detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to alumni edit component.
2. Alumni edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

Last Name:	Carey	First Name:	Shivani	
Mailing Address		Telephone Number/Email		
Street Address:	7309 Bowman St.	Telephone Number:	<input type="text"/>	
	<input type="text"/>	E-mail Address:	<input type="text"/>	
City:	Louisville			
State:	KY			
Zip Code:	40252			
Added By:	IMPORT	Last Updated By:	IMPORT	
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM	
Degrees	Employments	Graduate Schools	Comments	+
School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions
University of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM	

Last Name:	Carey	First Name:	Shivani										
Mailing Address		Telephone Number/Email											
Street Address:	7309 Bowman St.	Telephone Number:											
City:	Louisville	E-mail Address:											
State:	KY												
Zip Code:	40252												
Added By:	IMPORT	By:	IMPORT										
Added Date/Time:	2/17/2020 12:00 AM	Date/Time:	2/17/2020 12:00 AM										
Degrees	Employments	Graduate Schools	Comments										
<table border="1"> <thead> <tr> <th>School Name</th> <th>Location</th> <th>Added By Date/Time</th> <th>Last Updated By Date/Time</th> <th>Actions</th> </tr> </thead> <tbody> <tr> <td>University of Louisville</td> <td>Louisville , KY</td> <td>CURRENTUSER 2/17/2020 10:26 AM</td> <td>CURRENTUSER 2/29/2020 7:15 PM</td> <td> </td> </tr> </tbody> </table>				School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions	University of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM	
School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions									
University of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM										

Are you sure you wish
to delete this record?

Yes **No**

Last Name:	Carey	First Name:	Shivani										
Mailing Address		Telephone Number/Email											
Street Address:	7309 Bowman St.	Telephone Number:											
City:	Louisville	E-mail Address:											
State:	KY												
Zip Code:	40252												
Added By:	IMPORT	Last Updated By:	IMPORT										
Added Date/Time:	2/17/2020 12:00 AM	Last Updated Date/Time:	2/17/2020 12:00 AM										
Degrees	Employments	Graduate Schools	Comments										
<table border="1"> <thead> <tr> <th>School Name</th> <th>Location</th> <th>Added By Date/Time</th> <th>Last Updated By Date/Time</th> <th>Actions</th> </tr> </thead> <tbody> <tr> <td>University of Louisville</td> <td>Louisville , KY</td> <td>CURRENTUSER 2/17/2020 10:26 AM</td> <td>CURRENTUSER 2/29/2020 7:15 PM</td> <td> </td> </tr> </tbody> </table>				School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions	University of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM	
School Name	Location	Added By Date/Time	Last Updated By Date/Time	Actions									
University of Louisville	Louisville , KY	CURRENTUSER 2/17/2020 10:26 AM	CURRENTUSER 2/29/2020 7:15 PM										

Last Name: Carey First Name: Shivani

Mailing Address Telephone Number/Email

Street Address: 7309 Bowman St. Telephone Number:

City: Louisville E-mail Address:

State: KY

Zip Code: 40252

Added By: IMPORT By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	+

Are you sure you wish to delete this record?

Yes **No**

Last Name: Carey First Name: Shivani

Mailing Address Telephone Number/Email

Street Address: 7309 Bowman St. Telephone Number:

City: Louisville E-mail Address:

State: KY

Zip Code: 40252

Added By: IMPORT Last Updated By: IMPORT

Added Date/Time: 2/17/2020 12:00 AM Last Updated Date/Time: 2/17/2020 12:00 AM

Degrees	Employments	Graduate Schools	Comments	+

```
1 •  SELECT deleted  
2      FROM alumni_graduate_schools  
3      WHERE alumnus_id = 109
```

Result Grid	
<input type="button" value="Filter Rows:"/>	<input type="text"/>
<input type="button" value="Export:"/>	
	deleted
▶	1

Test Case ID	1.2.62	Test Case Name	Delete – Alumni – comment record
System	User Interface	Subsystem	Records-Alumni
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; alumni is existing; comment record is existing on alumni

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Alumni from records submenu	Alumni component/list is displayed	Pass	
3	Select the Edit function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the Comments tab control area	The comment records are displayed	Pass	
4	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Alumni detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Alumni detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to alumni edit component.
2. Alumni edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows an 'alumni edit' form with the following details:

- Personal Information:**
 - Last Name: Carey
 - First Name: Shivani
- Mailing Address:**
 - Street Address: 7309 Bowman St.
 - City: Louisville
 - State: KY
 - Zip Code: 40252
- Telecommunications:**
 - Telephone Number: [empty]
 - E-mail Address: [empty]
- Timestamps:**
 - Added By: IMPORT
 - Added Date/Time: 2/17/2020 12:00 AM
 - Last Updated By: IMPORT
 - Last Updated Date/Time: 2/17/2020 12:00 AM
- Comments Section:**

Degrees	Employments	Graduate Schools	Comments	
			<p>Comment</p> <p>This is a test</p> <p>Added By Date/Time</p> <p>CURRENTUSER 2/29/2020 7:18 PM</p> <p>Last Updated By Date/Time</p> <p>CURRENTUSER 2/29/2020 7:19 PM</p>	+

Last Name: Carey First Name: Shivani

Mailing Address

Street Address: 7309 Bowman St.

City: Louisville

State: KY

Zip Code: 40252

Added By: IMPORT
Added Date/Time: 2/17/2020 12:00 AM

Telephone Number/Email

Telephone Number:

E-mail Address:

Are you sure you wish to delete this record?

Yes No

By: IMPORT
Date/Time: 2/17/2020 12:00 AM

Degrees Employments Graduate Schools **Comments**

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
This is a test	CURRENTUSER 2/29/2020 7:18 PM	CURRENTUSER 2/29/2020 7:19 PM	

Last Name: Carey First Name: Shivani

Mailing Address

Street Address: 7309 Bowman St.

City: Louisville

State: KY

Zip Code: 40252

Added By: IMPORT
Added Date/Time: 2/17/2020 12:00 AM

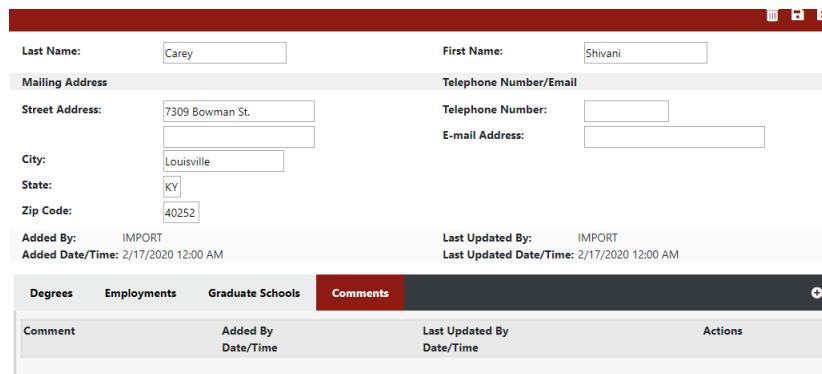
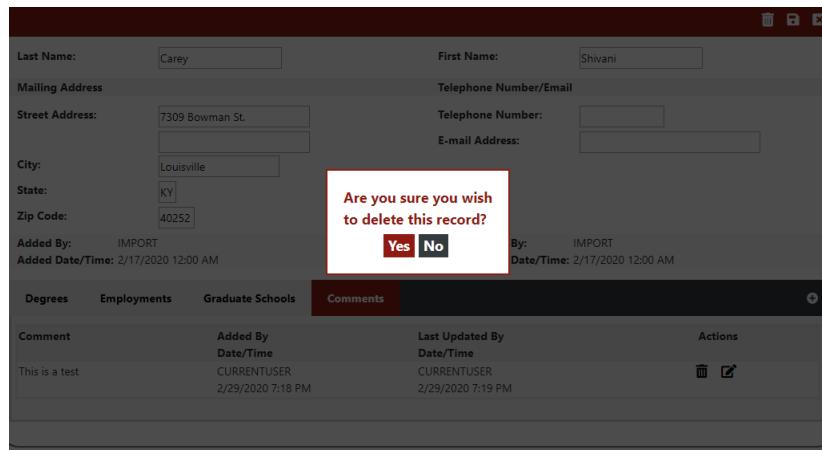
Telephone Number/Email

Telephone Number:

E-mail Address:

Degrees Employments Graduate Schools **Comments**

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
This is a test	CURRENTUSER 2/29/2020 7:18 PM	CURRENTUSER 2/29/2020 7:19 PM	



A screenshot of a MySQL query editor. The toolbar includes icons for back, forward, search, and export. The main area contains the following SQL code:

```
1 •  SELECT deleted
2   FROM comments
3  WHERE entity_type = 'A' and entity_id = 109
```

A screenshot of a MySQL result grid. The grid has a header row with columns for Result Grid, Filter Rows, Export, and Wrap Cell. The data table shows one row with the value "deleted" in the first column. Navigation buttons for back, forward, and page number (1) are visible at the bottom.

Result Grid	Filter Rows	Export	Wrap Cell
deleted			
▶	1		

2. Record Maintenance – Employers

2.1 Automated Unit Test Cases

53 automated test cases have been executed; details of tests are available at the following location:

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/frontend/src/app/unit-tests>

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/unit-tests>

2.2 Functional Test Cases

Test Case ID	2.2.1	Test Case Name	Search for employer – employer name – with results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by name is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter an employer name value (test value UPS)	The employer name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Employer Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports
SOUTHEAST

Employer ID	Employer Name	Location
4	UPS	Louisville, KY

Test Case ID	2.2.2	Test Case Name	Search for employer name – without results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by name is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter an employer name value (test value Burger King)	The employer name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Employer Name:

City: **State:**

 **Career Tracker** [Records](#) ▾ [Import Data](#) [Reports/Exports](#)

SOUTHEAST

Employer ID **Employer Name** **Location**

Test Case ID	2.2.3	Test Case Name	Search for employer – employer ID– with results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by employer ID is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter an alumnus ID value (test value 2)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Employer ID:	<input type="text" value="2"/>
Employer Name:	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports
SOUTHEAST

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY

Test Case ID	2.2.4	Test Case Name	Search for employer – employer ID – without results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by employer ID is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter an employer ID value (test value 888)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Employer ID:	<input type="text" value="888"/>		
Employer Name:	<input type="text"/>		
City:	<input type="text"/>	State:	<input type="text"/>
Search			

 **Career Tracker**

Records ▾ Import Data Reports/Exports

Employer ID	Employer Name	Location
-------------	---------------	----------

Test Case ID	2.2.7	Test Case Name	Search for employer – city – with results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by city is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter a city value (test value Louisville)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Employer ID:

Employer Name:

City: State:

Search

Click to go back, hold to see history

 **Career Tracker** Records ▾ Import Data Reports/Exports
SOUTHEAST

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY
1	Humana	Louisville, KY
6	PNC Bank	Louisville, KY
8	Test	Louisville, KY
4	UPS	Louisville, KY

Test Case ID	2.2.8	Test Case Name	Search for employer – city – without results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by city is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter a city value (test value New Washington)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

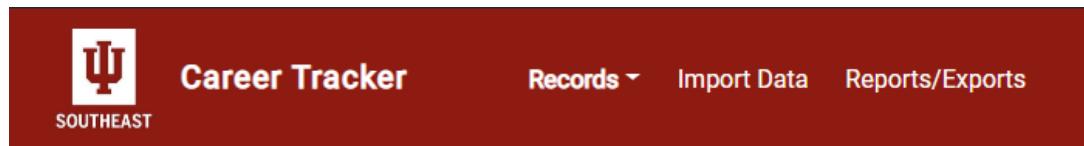
Search X

Employer ID:

Employer Name:

City: State:

Search



Employer ID **Employer Name**

Test Case ID	2.2.9	Test Case Name	Search for employer – state – with results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by state is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter a state value (test value KY)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Employer ID:

Employer Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY
1	Humana	Louisville, KY
6	PNC Bank	Louisville, KY
8	Test	Louisville, KY
4	UPS	Louisville, KY

Test Case ID	2.2.10	Test Case Name	Search for employer – state – without results
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer by state is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter a state value (test value WY)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Employer ID:

Employer Name:

City: State:

 **Career Tracker**

SOUTHEAST

Records ▾ Import Data Reports/Exports

 **Career Tracker**

SOUTHEAST

Records ▾ Import Data Reports/Exports

Logout

Alumnus ID Last Name First Name Location Graduation Term Code Current Employer(s) Graduate School(s)

Test Case ID	2.2.11.1	Test Case Name	Search for employer – combination fields – with results – test 1
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter employer name UPS, city Louisville, state KY	The fields are populated as expected	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Employer ID:

Employer Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports

SOUTHEAST

Employer ID	Employer Name	Location
4	UPS	Louisville, KY

Test Case ID	2.2.11.2	Test Case Name	Search for employer – combination fields – with results – test 2
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Enter employer ID 7 and employer name Test	The last name and graduation term code fields are populated	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected



SOUTHEAST

Career Tracker

[Records](#) ▾[Import Data](#)[Reports/Exports](#)**Employer ID****Employer Name**

7

Test

Test Case ID	2.2.12	Test Case Name	Search for employer – no criteria
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for employer when specifying no criteria is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted employer (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Search icon	Employer search form is displayed	Pass	
4	Clear all fields.	All fields reflect no criteria entered	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Employer ID:

Employer Name:

City: State:

Search

 **Career Tracker**
SOUTHEAST

Records ▾ Import Data Reports/Exports

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY
1	Humana	Louisville, KY
6	PNC Bank	Louisville, KY
7	Test	Louisville, KY
8	Test	Louisville, KY
4	UPS	Louisville, KY

Test Case ID	2.2.13	Test Case Name	Add new employer – employer name entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed, save message displays, and record committed as is expected when only the employer name is populated		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (employer name Waffle House)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors not displayed; save message displayed; record committed

Employer:

Mailing Address

Street Address:

City:
State:
Zip Code:

Contact/Telephone Number/Email

Contact Name:
Telephone Number:
E-mail Address:

Added By: **Last Updated By:**
Added Date/Time: **Last Updated Date/Time:**

The record has been saved successfully.

Employer:

Mailing Address

Street Address:

City:
State:
Zip Code:

Contact/Telephone Number/Email

Contact Name:
Telephone Number:
E-mail Address:

Added By: CURRENTUSER **Last Updated By:** CURRENTUSER
Added Date/Time: 2/29/2020 9:59 PM **Last Updated Date/Time:** 2/29/2020 9:59 PM

Comments 

Test Case ID	2.2.14	Test Case Name	Add new employer – address line 1 entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 1 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (address line 1: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

City:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Employer: A value is required.

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

City: A value is required.

State: A value is required.

Zip Code: A value is required.

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	2.2.15	Test Case Name	Add new employer – address line 2 entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 2 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (address line 2: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

2. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address: 101 Main St

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address: A value is required.

City: A value is required.

State: A value is required.

Zip Code: A value is required.

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	2.2.16	Test Case Name	Add new employer – city entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (city: New Albany)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City: New Albany

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:
Telephone Number:
E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Employer:
A value is required.

Mailing Address

Street Address:

City: New Albany

State:
A value is required.

Zip Code:

Contact/Telephone Number/Email

Contact Name:
Telephone Number:
E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Test Case ID	2.2.17	Test Case Name	Add new employer – state entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (state: IN)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

[trash] [refresh] [close]

Employer:

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

Telephone Number:

City: E-mail Address:

State: IN

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

[trash] [refresh] [close]

Employer:
A value is required.

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

Telephone Number:

City:
A value is required.

State: IN

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	2.2.18	Test Case Name	Add new employer – zip code entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than zip code are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (zip code: 47150)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City: A value is required.

State: A value is required.

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Test Case ID	2.2.19	Test Case Name	Add new employer – telephone number entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than telephone number are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	2.2.20	Test Case Name	Add new employer – email address entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than email address are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@test.com	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:
A value is required.

Mailing Address		Contact/Telephone Number/Email	
Street Address: <input type="text"/> <input type="text"/>	Contact Name: <input type="text"/>	Telephone Number: <input type="text"/>	
City: <input type="text"/>	E-mail Address:	<input type="text" value="test@test.com"/>	
State: <input type="text"/>			
Zip Code: <input type="text"/>			
Added By: <input type="text"/>	Last Updated By: <input type="text"/>		
Added Date/Time: <input type="text"/>	Last Updated Date/Time: <input type="text"/>		

Test Case ID	2.2.21	Test Case Name	Add new employer – contact name entered only
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than contact name are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (contact name : John Doe	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: John Doe

Telephone Number:

E-mail Address:

Last Updated By:

Last Updated Date/Time:



Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: John Doe

Telephone Number:

E-mail Address:

Last Updated By:

Last Updated Date/Time:



Test Case ID	2.2.22.1	Test Case Name	Add new employer – invalid telephone number format – test 1
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 595-22	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: **Last Updated By:**
Added Date/Time: **Last Updated Date/Time:**

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number: The value is not in a valid format.

E-mail Address:

Added By: **Last Updated By:**
Added Date/Time: **Last Updated Date/Time:**

Test Case ID	2.2.22.2	Test Case Name	Add new employer – invalid telephone number format – test 2
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 59	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number: (555) 59

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number: (555) 59
The value is not in a valid format.

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	2.2.22.3	Test Case Name	Add new employer – invalid telephone number format – test 3
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (telephone number: 50)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Employer:

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number: 50

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

✖

Employer: A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number: 50
The value is not in a valid format.

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	2.2.23.1	Test Case Name	Add new employer – invalid email address – test 1
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

2. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

City: Telephone Number:

State: E-mail Address: test

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Employer: A value is required.

Mailing Address Contact/Telephone Number/Email

Street Address: Contact Name:

City: Telephone Number:

State: E-mail Address: test
The value is not in a valid format.

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	2.2.23.2	Test Case Name	Add new employer – invalid email address – test 2
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@|

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@ The value is not in a valid format.

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	2.2.23.3	Test Case Name	Add new employer – invalid email address – test 3
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test The value is not in a valid format.

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	2.2.23.4	Test Case Name	Add new employer – invalid email address – test 4
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@test.)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test.

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test. The value is not in a valid format.

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	2.2.24.1	Test Case Name	Add new employer – valid email address – test 1
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test.com

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test.com

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Test Case ID	2.2.24.2	Test Case Name	Add new employer – valid email address – test 2
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test@test.test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test.test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test.test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	2.2.24.3	Test Case Name	Add new employer – valid email address – test 3
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test_1@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Test Case ID	2.2.24.4	Test Case Name	Add new employer – valid email address – test 4
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (email address: test_2.test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test_2.test@test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Employer: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test_2.test@test.com

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	2.2.25	Test Case Name	Add new employer – invalid zip code
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when zip code is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data (zip code: 123EF)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code: 123EF

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

✖

✖

Employer:
A value is required.

Mailing Address

Street Address:

City:
A value is required.

State:
A value is required.

Zip Code: 123EF
The value is not in a valid format.

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

✖

Test Case ID	2.2.26.1	Test Case Name	Add new employer – valid data – test 1
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data: Employer Name: Yum Brands	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

☰ ☰ ✕

Employer: Yum Brands

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER
Added Date/Time: 2/29/2020 10:38 PM

Last Updated By: CURRENTUSER
Last Updated Date/Time: 2/29/2020 10:38 PM

Comments +

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	2.2.26.2	Test Case Name	Add new employer – valid data – test 2
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data: Employer Name: YMCA Address Line 1: 101 Main St. City: New Albany State: IN Zip Code: 47150	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

2. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed

The screenshot shows a web-based form for adding a new record. At the top right are three icons: a trash can, a copy/paste, and a close button. The form has two main sections: 'Mailing Address' and 'Contact/Telephone Number/Email'. In the 'Mailing Address' section, the 'Employer' field contains 'YMCA'. The 'Street Address' field contains '101 Main St.' Below it is an empty field. The 'City' field contains 'New Albany'. The 'State' field contains 'IN'. The 'Zip Code' field contains '47150' and is highlighted with a blue border, indicating a validation error. In the 'Contact/Telephone Number/Email' section, there are three empty fields: 'Contact Name', 'Telephone Number', and 'E-mail Address'. Below the mailing address section, there are 'Added By' and 'Last Updated By' fields, both set to 'CURRENTUSER'. There are also 'Added Date/Time' and 'Last Updated Date/Time' fields, both showing '2/29/2020 10:39 PM'.

This screenshot shows the same web form after the validation error has been resolved. The 'Zip Code' field now contains '47150' without a blue border. All other fields, including the empty 'Street Address' field, remain the same as in the previous screenshot. The 'Comments' section at the bottom is currently empty.

Test Case ID	2.2.26.3	Test Case Name	Add new employer – valid data – test 3
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data: Employer Name: McDonald's Contact Name: Misty Owens Telephone Number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

Employer: McDonald's

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: Misty Owens

Telephone Number: (555) 555-5555

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 10:41 PM

Employer: McDonald's

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: Misty Owens

Telephone Number: (555) 555-5555

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 10:41 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	2.2.26.4	Test Case Name	Add new employer – valid data – test 4
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the New Record icon	Employer detail form is displayed	Pass	
4	Enter test data: Employer Name: City of New Albany Email Address: test@nafc.gov	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER Last Updated By: CURRENTUSER
Added Date/Time: 2/29/2020 10:43 PM Last Updated Date/Time: 2/29/2020 10:43 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
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Test Case ID	2.2.27.1	Test Case Name	Add new employer – comment record – missing/invalid data
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Fail	Corrective Action(s)	Corrected defect in EmployerEditComponent and re-tested successfully

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the New Record option in the Comments tab control	The comment detail window is displayed	Pass	
5	Enter test data: Comment: null	Fields reflect test data input	Pass	
6.	Select the Save option	Validation errors are displayed	Pass	
7.	Check post-condition 1		Fail	Validation errors are displayed but field not outlined in red

Post-conditions

1. Validation error displayed for field as expected

Test Case ID	2.2.27.2	Test Case Name	Add new employer – comment record – missing/invalid data (retest)
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the New Record option in the Comments tab control	The comment detail window is displayed	Pass	
5	Enter test data: Comment: null	Fields reflect test data input	Pass	
6.	Select the Save option	Validation errors are displayed	Pass	
7.	Check post-condition 1		Pass	

Post-conditions

1. Validation error displayed for field as expected





Test Case ID	2.2.28	Test Case Name	Add new employer – comment record – valid data
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
5	Select the New Record option in the Comments tab control	The graduate school detail window is displayed	Pass	
6	Enter test data: Comments: Test	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed

3. Record is committed

A screenshot of a software application window. At the top is a dark red header bar with three small white icons: a square, a triangle, and a circle with an 'x'. Below the header is a light gray content area. On the left side of this area, the word "Comment:" is written in bold black font. To its right is a large, empty rectangular input field with a thin blue border. The word "Test" is typed into the top-left corner of this field.



A screenshot of a software application window. At the top is a dark red header bar with three small white icons: a square, a triangle, and a circle with an 'x'. Below the header is a light gray content area. On the left side of this area, the word "Comment:" is written in bold black font. To its right is a large, empty rectangular input field with a thin blue border. The word "Test" is typed into the top-left corner of this field. At the bottom of the window, there is a dark gray footer bar containing two sets of buttons. Each set consists of a left button labeled "SEARCH", a right button labeled "SEARCH", and a middle button labeled "SUBMIT".

Test Case ID	2.2.29	Test Case Name	Edit existing employer general data – invalid/valid – employer name
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Employer name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Employer: Smith's Furniture	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Employer:

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Added By: CURRENTUSER Last Updated By: CURRENTUSER
Added Date/Time: 2/24/2020 11:01 PM Last Updated Date/Time: 2/24/2020 11:01 PM

Comments			
Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	

Employer: A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Added By: CURRENTUSER Last Updated By: CURRENTUSER
Added Date/Time: 2/24/2020 11:01 PM Last Updated Date/Time: 2/24/2020 11:01 PM

Comments			
Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	



The record has been saved successfully

Employer:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/24/2020 11:01 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 10:53 PM

Comments



Comment	Added By Date/Time	Last Updated By Date/Time	Actions
			- - -

Test Case ID	2.2.30	Test Case Name	Edit existing employer general data – valid – contact name
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Contact Name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: First name: John Smith	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. No validation errors; changes committed
2. No validation errors; changes committed

The screenshot shows a software interface for managing employer information. At the top, there is a red header bar with three small icons: a trash can, a copy symbol, and a close button. Below the header, the form fields are organized into two main sections: 'Mailing Address' and 'Contact/Telephone Number/Email'. The 'Mailing Address' section includes fields for Street Address, City, State, and Zip Code. The 'Contact/Telephone Number/Email' section includes fields for Contact Name, Telephone Number, and E-mail Address. Below these sections, status information is displayed: 'Added By: CURRENTUSER', 'Last Updated By: CURRENTUSER', 'Added Date/Time: 2/29/2020 10:41 PM', and 'Last Updated Date/Time: 2/29/2020 10:41 PM'. A 'Comments' tab is visible at the bottom left, and a '+' icon is located above the comments table. The comments table has columns for Comment, Added By Date/Time, Last Updated By Date/Time, and Actions.

This screenshot is identical to the one above, showing the same employer information and status details. However, it includes a prominent message at the top of the main content area: 'The record has been saved successfully.' This message is displayed in a white box with a black border, positioned above the 'Comments' tab and below the main form fields.

Employer: McDonald's

Mailing Address

Street Address:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number: (555) 555-5555

City:

E-mail Address:

State:

Zip Code:

Added By: CURRENTUSER
Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER
Last Updated Date/Time: 2/29/2020 10:56 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 10:49 PM	

The record has been saved successfully.

Employer: McDonald's

Mailing Address

Street Address:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number: (555) 555-5555

City:

E-mail Address:

State:

Zip Code:

Added By: CURRENTUSER

Last Updated By: CURRENTUSER

Test Case ID	2.2.31.1	Test Case Name	Edit existing employer general data – invalid/valid – city
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Fail	Corrective Action(s)	Corrected defect in client and server side validation logic (<code>./validations/employers.js</code> , <code>./frontend/src/app/records/employer.validator</code>); re-tested successfully

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, state, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: City: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Fail	Validation error for address line 1 displaying in error; should allow only city/state/zip code to be specified
7.	Update fields:	Field(s) reflect(s) updated value(s)	Pass	

	City: Lexington			
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Fail	Validation error for address line 1 displaying in error; should allow only city/state/zip code to be specified
10.	Check post-condition 3		Fail	Not saved due to validation error

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Test Case ID	2.2.31.2	Test Case Name	Edit existing employer general data – invalid/valid – city (retest)
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, state, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: City: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: City: Lexington	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	

10.	Check post-condition 3		Pass	
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Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

The screenshot shows a software application window with a dark red header bar containing three small icons: a trash can, a floppy disk, and a close button. Below the header is a form with the following fields:

- Employer:** Humana (text input field)
- Mailing Address:**
 - Street Address:** (empty text input field)
 - City:** (empty text input field)
 - State:** KY (dropdown menu)
 - Zip Code:** 40202 (text input field)
- Contact/Telephone Number/Email:**
 - Contact Name:** (empty text input field)
 - Telephone Number:** (empty text input field)
 - E-mail Address:** (empty text input field)
- Added By:** (empty text input field)
- Last Updated By:** (empty text input field)
- Added Date/Time:** (empty text input field)
- Last Updated Date/Time:** (empty text input field)

At the bottom of the form is a dark red header labeled "Comments" with a "+" sign to its right. Below this is a table with the following columns:

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Employer:

Mailing Address Contact/Telephone Number/Email

Street Address:

Contact Name:

City: A value is required.

Telephone Number:

E-mail Address:

State:

Zip Code:

Added By:
Added Date/Time:

Last Updated By:
Last Updated Date/Time:

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

The record has been saved successfully.

Employer:

Mailing Address Contact/Telephone Number/Email

Street Address:

Contact Name:

City:

Telephone Number:

E-mail Address:

State:

Zip Code:

Added By:
Added Date/Time:

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	2.2.32	Test Case Name	Edit existing employer general data – invalid/valid – state
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, city, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: State: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: State: OK	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

The screenshot shows a software application window with a red header bar containing icons for minimize, maximize, and close. Below the header is a form for entering mailing address information. The form fields include:

Employer:	Test
Mailing Address	
Street Address:	108 8th St.
City:	Louisville
State:	<input type="text"/>
Zip Code:	42020
Contact Name:	<input type="text"/>
Telephone Number:	<input type="text"/>
E-mail Address:	<input type="text"/>

Below the address fields are audit logs:

Added By: CURRENTUSER	Last Updated By: CURRENTUSER
Added Date/Time: 2/24/2020 11:02 PM	Last Updated Date/Time: 2/24/2020 11:02 PM

At the bottom is a "Comments" section with a table:

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	
Test2	CURRENTUSER 2/24/2020 11:04 PM	CURRENTUSER 2/24/2020 11:04 PM	

Employer: Test

Mailing Address

Street Address: 108 8th St.	Contact Name: <input type="text"/>
City: Louisville	Telephone Number: <input type="text"/>
State: <input type="text"/>	E-mail Address: <input type="text"/>

A value is required.

Zip Code: 42020

Added By: CURRENTUSER **Last Updated By:** CURRENTUSER
Added Date/Time: 2/24/2020 11:02 PM **Last Updated Date/Time:** 2/24/2020 11:02 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	
Test2	CURRENTUSER 2/24/2020 11:04 PM	CURRENTUSER 2/24/2020 11:04 PM	

The record has been saved successfully.

Employer: Test

Mailing Address

Street Address: 108 8th St.	Contact Name: <input type="text"/>
City: Louisville	Telephone Number: <input type="text"/>
State: <input type="text"/>	E-mail Address: <input type="text"/>

Zip Code: 42020

Added By: CURRENTUSER **Last Updated By:** CURRENTUSER
Added Date/Time: 2/24/2020 11:02 PM **Last Updated Date/Time:** 2/29/2020 11:11 PM

Comments

Test Case ID	2.2.33.1	Test Case Name	Edit existing employer general data – invalid/valid – zip code
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Fail	Corrective Action(s)	Corrected defect in client and server side validation logic (./validations/employers.js, ./frontend/src/app/records/employer.validator); re-tested successfully

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Zip Code: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Fail	Validation error for address line 1 displaying in error; should allow only city/state/zip code to be specified
7.	Update fields:	Field(s) reflect(s) updated value(s)	Fail	

	Zip Code: 40203			
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Fail	
9.	Check post-condition 2		Fail	Validation error for address line 1 displaying in error; should allow only city/state/zip code to be specified
10.	Check post-condition 3		Fail	Did not save due to validation errors

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.

Test Case ID	2.2.33	Test Case Name	Edit existing employer general data – invalid/valid – zip code (retest)
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Zip Code: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Zip Code: 40203	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.

This screenshot shows a web form for adding a new employer record. The fields are as follows:

- Employer:** PNC Bank
- Mailing Address:**
 - Street Address:** 109 Main St.
 - Contact Name:** [empty]
- City:** Louisville
- State:** KY
- E-mail Address:** [empty]
- Zip Code:** [empty]
- Added By:** CURRENTUSER
- Added Date/Time:** 2/24/2020 10:58 PM
- Last Updated By:** CURRENTUSER
- Last Updated Date/Time:** 2/24/2020 10:58 PM

The "Comments" section contains two entries:

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 10:59 PM	CURRENTUSER 2/24/2020 10:59 PM	[trash] [edit]
Test2	CURRENTUSER 2/24/2020 11:06 PM	CURRENTUSER 2/24/2020 11:06 PM	[trash] [edit]

This screenshot shows the same web form as above, but with validation errors displayed. The "Zip Code" field is highlighted in red, indicating it is required. The validation message "A value is required." is displayed below the field.

The other fields and sections are identical to the first screenshot.

The record has been saved successfully

Employer:	PNC Bank
Mailing Address	
Street Address:	109 Main St.
City:	Louisville
State:	KY
Zip Code:	40203
Contact/Telephone Number/Email	
Contact Name:	
Telephone Number:	
E-mail Address:	
Added By:	CURRENTUSER
Added Date/Time:	2/24/2020 10:58 PM
Last Updated By:	CURRENTUSER
Last Updated Date/Time:	2/29/2020 11:13 PM
Comments	<input style="float: right;" type="button" value="+"/>

Test Case ID	2.2.34	Test Case Name	Edit existing employer general data – invalid/valid – telephone number
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Telephone number: 123	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Telephone number: (123) 456-7891	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Employer: McDonald's

Mailing Address

Contact/Telephone Number/Email

Street Address:

Contact Name: John Smith

City:

Telephone Number: 123

E-mail Address:

State:

Zip Code:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 10:57 PM

Comments			
Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 10:49 PM	

Employer: McDonald's

Mailing Address

Contact/Telephone Number/Email

Street Address:

Contact Name: John Smith

City:

Telephone Number: 123

The value is not in a valid format.

E-mail Address:

State:

Zip Code:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 10:57 PM

Comments			
Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 10:49 PM	



Employer:	<input type="text" value="McDonald's"/>
Mailing Address	
Street Address:	<input type="text"/>
	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Added By:	CURRENTUSER
Added Date/Time:	2/29/2020 10:41 PM
Contact/Telephone Number/Email	
Contact Name:	<input type="text" value="John Smith"/>
Telephone Number:	<input type="text" value="(123) 456-7891"/>
E-mail Address:	<input type="text"/>
Last Updated By:	CURRENTUSER
Last Updated Date/Time:	2/29/2020 11:16 PM

Test Case ID	2.2.35	Test Case Name	Edit existing employer general data – invalid/valid – email address
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; employer has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Update fields: Email address :Test	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Email address : test@test.com	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

The screenshot shows a software application window with a dark red header bar containing icons for minimize, maximize, and close. Below the header is a form for entering employer information. The fields include:

- Employer:** Humana
- Mailing Address:** (empty)
- Contact/Telephone Number/Email:** (empty)
- Street Address:** (empty)
- Contact Name:** (empty)
- City:** Lexington
- Telephone Number:** (empty)
- State:** KY
- E-mail Address:** Test
- Zip Code:** 40202

Below the form, status information is displayed:

- Added By:** CURRENTUSER
- Added Date/Time:** 2/29/2020 11:09 PM

A red "Comments" tab is selected, showing a table with columns: Comment, Added By Date/Time, Last Updated By Date/Time, and Actions. The table is currently empty.

This screenshot shows the same software application window after attempting to save the record with an invalid email address. The validation error is indicated by a red border around the "Test" input field and the following error message:

The value is not in a valid format.

The rest of the form and status information remain the same as the first screenshot.



The record has been saved successfully.

Employer:	Humana		
Mailing Address		Contact/Telephone Number/Email	
Street Address:	<input type="text"/>		
	<input type="text"/>		
City:	Lexington	Contact Name:	<input type="text"/>
State:	KY	Telephone Number:	<input type="text"/>
Zip Code:	40202	E-mail Address:	<input type="text"/> test@test.com
Added By:	Last Updated By: CURRENTUSER		
Added Date/Time:	Last Updated Date/Time: 2/29/2020 11:19 PM		

Test Case ID	2.2.36.1	Test Case Name	Edit existing employer comment data – invalid/valid data – comment
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Fail	Corrective Action(s)	Corrected defect in EmployerEditComponent; re-tested successfully

Pre-conditions

Application is available and running; employer is existing; employer has existing comment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the Edit function for an existing comment record.	The comment record detail form is displayed	Pass	
5	Update fields: Comment: null	Field(s) reflect(s) updated value(s)	Pass	
6	Select the Save option	Validation error(s) displayed as expected.	Pass	
7	Check post-condition 1		Fail	Validation errors displayed but field not outlined in red color
8	Update fields: Comment: This is a test	Field(s) reflect(s) updated value(s)	Pass	

9	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
10	Check post-condition 2		Pass	
11	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; employer detail tab control reflects updated value(s)

Test Case ID	2.2.36.2	Test Case Name	Edit existing employer comment data – invalid/valid data – comment
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

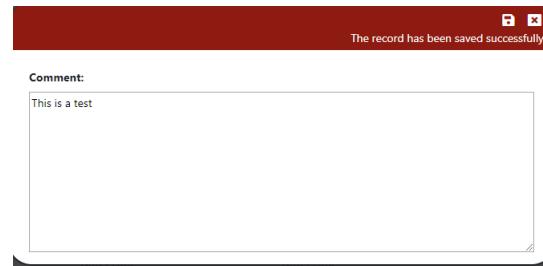
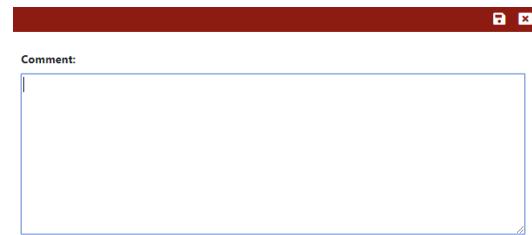
Application is available and running; employer is existing; employer has existing comment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the Edit function for an existing comment record.	The comment record detail form is displayed	Pass	
5	Update fields: Comment: null	Field(s) reflect(s) updated value(s)	Pass	
6	Select the Save option	Validation error(s) displayed as expected.	Pass	
7	Check post-condition 1		Pass	
8	Update fields: Comment: This is a test	Field(s) reflect(s) updated value(s)	Pass	
9	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
10	Check post-condition 2		Pass	
11	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; employer detail tab control reflects updated value(s)



Test Case ID	2.2.37	Test Case Name	Delete - Employer
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the Delete function.	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Employer detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function.	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	The edit form is closed, deleted flag is updated on record but record not physically deleted, control returns to main employer component	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to employer edit component.
2. Edit form is closed, control returns to main employer component.
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows two views of the Career Tracker application. The top view is a table of employer records:

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY
1	Humana	Lexington, KY
12	McDonald's	
13	New Albany Floyd County	
6	PNC Bank	Louisville, KY
7	Smith's Furniture	
8	Test	Louisville, OK

The bottom view is an edit dialog for a record with Employer ID 8, named "Test". The dialog contains fields for Mailing Address, Contact/Telephone Number/Email, and various location details. It also displays audit information and a comments section at the bottom.

Employer: Test

Mailing Address

Street Address: 108 8th St.

Contact Name:

City: Louisville

State: OK

Zip Code: 42020

Contact/Telephone Number/Email

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/24/2020 11:02 PM

By: CURRENTUSER

Date/Time: 2/29/2020 11:11 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	
Test2	CURRENTUSER	CURRENTUSER	

Are you sure you wish to delete this record?

Yes **No**

Employer: Test

Mailing Address

Street Address: 108 8th St.

Contact Name:

City: Louisville

State: OK

Zip Code: 42020

Contact/Telephone Number/Email

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/24/2020 11:02 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 11:11 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	
Test2	CURRENTUSER	CURRENTUSER	

Employer: Test

Mailing Address

Street Address: 108 8th St.

Contact Name:

City: Louisville

State: OK

Zip Code: 42020

Contact/Telephone Number/Email

Telephone Number:

E-mail Address:

Comments

Are you sure you wish to delete this record?

Yes No

Added By: CURRENTUSER
Added Date/Time: 2/24/2020 11:02 PM

By: CURRENTUSER
Date/Time: 2/29/2020 11:11 PM

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
Test	CURRENTUSER 2/24/2020 11:02 PM	CURRENTUSER 2/24/2020 11:02 PM	
Test2	CURRENTUSER	CURRENTUSER	

Career Tracker

SOUTHEAST

Records ▾ Import Data Reports/Exports

Employer ID	Employer Name	Location
2	Ford Motor Company	Louisville, KY
1	Humana	Lexington, KY
12	McDonald's	
13	New Albany Floyd County	Louisville, KY
6	PNC Bank	
7	Smith's Furniture	
4	UPS	Louisville, KY
9	Waffle House	
11	YMCA	New Albany, IN
10	Yum Brands	

alumni x alumni SQL File 4* SQL File 5*

The screenshot shows a MySQL Workbench interface. The top bar has tabs for 'alumni' (active), 'alumni', 'SQL File 4*', and 'SQL File 5*'. Below the tabs is a toolbar with icons for file operations, search, and execution. The main area contains a query editor with the following SQL code:

```
1 •   SELECT deleted
2     FROM employers
3    WHERE employer_id = 8
```

Below the query editor is a result grid titled 'Result Grid'. It shows one row with the value '1' in the 'deleted' column.

	deleted
▶	1

Test Case ID	2.2.38.1	Test Case Name	Delete – Employer – comment record
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Fail	Corrective Action(s)	Corrected defect in EmployerEditComponent; re-tested successfully

Pre-conditions

Application is available and running; employer is existing; comment record is existing on employer

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Employer detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Employer detail form is displayed; record is no longer displayed	Fail	Record not being removed from list on employer detail window; comment window not closing
9	Check post-condition 2		Fail	Record not being removed from list on

				employer detail window; comment window not closing
10	Check post-condition 3		Fail	Record not being removed from list on employer detail window; comment window not closing

Post Conditions

1. Record is not deleted; control returns to employer edit component.
2. Employer edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

Test Case ID	2.2.38.2	Test Case Name	Delete – Employer – comment record (retest)
System	User Interface	Subsystem	Records-Employer
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; employer is existing; comment record is existing on employer

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Employer from records submenu	Employer component/list is displayed	Pass	
3	Select the Edit function for an existing employer	Employer detail form is displayed	Pass	
4	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Employer detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Employer detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to employer edit component.
2. Employer edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows an employer edit form with the following details:

Mailing Address: McDonald's

Contact/Telephone Number/Email:

Contact Name: John Smith
Telephone Number: (123) 456-7891
E-mail Address: [redacted]

Street Address: [redacted]

City: [redacted]

State: [redacted]

Zip Code: [redacted]

Added By: CURRENTUSER
Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER
Last Updated Date/Time: 2/29/2020 11:16 PM

Comments:

Comment	Added By	Last Updated By	Actions
Comment	Date/Time	Date/Time	
This is a test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 11:27 PM	[trash] [edit]

Employer: McDonald's

Mailing Address

Street Address:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number: (123) 456-7891

E-mail Address:

City:

State:

Zip Code:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

By: CURRENTUSER

Date/Time: 2/29/2020 11:16 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
This is a test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 11:27 PM	

Are you sure you wish to delete this record?

Yes **No**

Employer: McDonald's

Mailing Address

Street Address:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number: (123) 456-7891

E-mail Address:

City:

State:

Zip Code:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 11:16 PM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
This is a test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 11:27 PM	

Employer: McDonald's

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number: (123) 456-7891

E-mail Address:

Comments

Are you sure you wish to delete this record?

Yes | No

Added By: CURRENTUSER
Added Date/Time: 2/29/2020 10:41 PM

By: CURRENTUSER
Date/Time: 2/29/2020 11:16 PM

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
This is a test	CURRENTUSER 2/29/2020 10:49 PM	CURRENTUSER 2/29/2020 11:27 PM	



Employer:

McDonald's

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

John Smith

Telephone Number:

(123) 456-7891

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 2/29/2020 10:41 PM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 2/29/2020 11:16 PM

Comments



Comment

Added By

Last Updated By

Actions

Date/Time

Date/Time

```
1 •  SELECT deleted
2   FROM comments
3 WHERE entity_id = 12 and entity_type = 'E'|
```

Result Grid	
<input type="button" value="Filter Rows:"/>	<input type="text"/>
deleted	1

3. Record Maintenance – Graduate Schools

3.1 Automated Unit Test Cases

53 automated test cases have been executed; details of tests are available at the following location:

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/frontend/src/app/unit-tests>

<https://github.com/ntkwilliam/CareerTracker/tree/master/src/unit-tests>

3.2 Functional Test Cases

Test Case ID	3.2.1	Test Case Name	Search for graduate school – graduate school name – with results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by name is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter an graduate school name value (test value Purdue)	The graduate school name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Graduate School Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports
SOUTHEAST

Graduate School ID	School Name	Location
4	Purdue University	

Test Case ID	3.2.2	Test Case Name	Search for graduate school name – without results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by name is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter an graduate school name value (test value UCLA)	The graduate school name field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Graduate School Name:

City: State:

Search

**Career Tracker**

Records ▾ Import Data Reports/Exports

SOUTHEAST

Graduate School ID	School Name	Location

Test Case ID	3.2.3	Test Case Name	Search for graduate school – graduate school ID– with results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by graduate school ID is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter an alumnus ID value (test value 2)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Graduate School ID:

Graduate School Name:

City: State:

 **Career Tracker** [Records](#) ▾ [Import Data](#) [Reports/Exports](#)

SOUTHEAST

Graduate School ID	School Name	Location
4	Purdue University	

Test Case ID	3.2.4	Test Case Name	Search for graduate school – graduate school ID – without results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by graduate school ID is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter an graduate school ID value (test value 888)	The alumnus ID field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Graduate School ID:

Graduate School Name:

City: State:

Search

 **Career Tracker**

SOUTHEAST

Records ▾ Import Data Reports/Exports

Graduate School ID	School Name	Location
--------------------	-------------	----------

Test Case ID	3.2.7	Test Case Name	Search for graduate school – city – with results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by city is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter a city value (test value Bloomington)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Graduate School

ID:

Graduate School

Name:

City: State:

Search

 Career Tracker			Records ▾	Import Data	Reports/Exports
Graduate School ID	School Name	Location			
2	Indiana University	Bloomington	IN		

Test Case ID	3.2.8	Test Case Name	Search for graduate school – city – without results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by city is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter a city value (test value New Washington)	The city field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search X

Graduate School

ID:

Graduate School

Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports

SOUTHEAST

Graduate School ID	School Name	Location
-----------------------	-------------	----------

Test Case ID	3.2.9	Test Case Name	Search for graduate school – state – with results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by state is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter a state value (test value KY)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	
7	Check post-condition 2		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

SearchGraduate School
ID: Graduate School
Name: City: State: **Search****Career Tracker****Records** ▾

Import Data

Reports/Exports

SOUTHEAST

Graduate School ID	School Name	Location
1	University of Louisville	Louisville, KY

Test Case ID	3.2.10	Test Case Name	Search for graduate school – state – without results
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school by state is successful/returns expected results (no results when no matching criteria)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are not present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter a state value (test value WY)	The state field is populated with value	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected (no records returned in this case)

Search

Graduate School

ID:

Graduate School

Name:

City: State:

Search

 **Career Tracker**

Records ▾ Import Data Reports/Exports

SOUTHEAST

Graduate School ID	School Name	Location
-----------------------	-------------	----------

Test Case ID	3.2.11.1	Test Case Name	Search for graduate school – combination fields – with results – test 1
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter graduate school name Indiana University , city Bloomington, state IN	The fields are populated as expected	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search X

Graduate School ID:

Graduate School Name: Indiana University

City: Bloomington State: IN

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports

SOUTHEAST

Graduate School ID	School Name	Location
2	Indiana University	Bloomington, IN

Test Case ID	3.2.11.2	Test Case Name	Search for graduate school – combination fields – with results – test 2
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school with multiple combination fields is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Enter graduate school ID 4 and graduate school name Purdue University	The last name and graduation term code fields are populated	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected



SOUTHEAST

Career Tracker

Records ▾

Import Data

Reports/Exports

Graduate

School ID

School Name

Location

4

Purdue University

Test Case ID	3.2.12	Test Case Name	Search for graduate school – no criteria
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure a search for graduate school when specifying no criteria is successful/returns expected results (records matching criteria present)		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted graduate school (in this case, test data) are present in the database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Search icon	Graduate school search form is displayed	Pass	
4	Clear all fields.	All fields reflect no criteria entered	Pass	
5	Select the Search button	Search results are displayed	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Search results for all records meeting submitted criteria are displayed as expected

Search

Graduate School ID:

Graduate School Name:

City: State:

Search

 **Career Tracker** Records ▾ Import Data Reports/Exports
SOUTHEAST

Graduate School ID	School Name	Location
2	Indiana University	Bloomington, IN
4	Purdue University	
1	University of Louisville	Louisville, KY

Test Case ID	3.2.13	Test Case Name	Add new graduate school – graduate school name entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed, save message displays, and record committed as is expected when only the graduate school name is populated		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (graduate school name University of Kentucky)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors not displayed; save message displayed; record committed



Graduate School: University of Kentucky

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:



The record has been saved successfully

Graduate School: University of Kentucky

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 3/1/2020 1:50 AM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 3/1/2020 1:50 AM

Comments



Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Test Case ID	3.2.14	Test Case Name	Add new graduate school – address line 1 entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 1 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (address line 1: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Graduate School:

Mailing Address

Street Address:

101 Main St

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:



Graduate School:

A value is required.

Mailing Address

Street Address:

City:

A value is required.

State:

A value is required.

Zip Code:

A value is required.

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	3.2.15	Test Case Name	Add new graduate school – address line 2 entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than address line 2 are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (address line 2: 101 Main St)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

2. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

101 Main St

Telephone Number:

City:

E-mail Address:

State:

Zip Code:

Added By: Last Updated By:

Added Date/Time: Last Updated Date/Time:



Graduate School:

A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

A value is required.

101 Main St

Telephone Number:

City:

E-mail Address:

A value is required.

State:

A value is required.

Zip Code:

A value is required.

Added By: Last Updated By:

Added Date/Time: Last Updated Date/Time:

Test Case ID	3.2.16	Test Case Name	Add new graduate school – city entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (city: New Albany)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Delete Edit Close

Graduate School:

Mailing Address		Contact/Telephone Number/Email	
Street Address:	<input type="text"/>	Contact Name:	<input type="text"/>
	<input type="text"/>	Telephone Number:	<input type="text"/>
City:	New Albany	E-mail Address:	<input type="text"/>
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Delete Edit Close

Graduate School:

A value is required.

Mailing Address		Contact/Telephone Number/Email	
Street Address:	<input type="text"/>	Contact Name:	<input type="text"/>
	<input type="text"/>	Telephone Number:	<input type="text"/>
City:	New Albany	E-mail Address:	<input type="text"/>
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	Last Updated By:		
Added Date/Time:	Last Updated Date/Time:		

Test Case ID	3.2.17	Test Case Name	Add new graduate school – state entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (state: IN)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text" value="IN"/>	
Zip Code: <input type="text"/>	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

✖

Graduate School:

A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
A value is required.	
State: <input type="text" value="IN"/>	
Zip Code: <input type="text"/>	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

Test Case ID	3.2.18	Test Case Name	Add new graduate school – zip code entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than zip code are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (zip code: 47150)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Delete Edit X

Graduate School:

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/> <input type="text"/>	Contact Name: <input type="text"/> Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text" value="47150"/>	

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

 Delete Edit X

Graduate School: A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/> <input type="text"/>	Contact Name: <input type="text"/> Telephone Number: <input type="text"/>
City: <input type="text"/> A value is required.	E-mail Address: <input type="text"/>
State: <input type="text"/> A value is required.	
Zip Code: <input type="text" value="47150"/>	

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	3.2.19	Test Case Name	Add new graduate school – telephone number entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than telephone number are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Delete Edit Close

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number: (555) 555-5555

City:

E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

 Delete Edit Close

Graduate School: A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number: (555) 555-5555

City:

E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	3.2.20	Test Case Name	Add new graduate school – email address entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than email address are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

✖

Graduate School:

A value is required.

Mailing Address

Street Address:

City:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

State:

E-mail Address:

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	3.2.21	Test Case Name	Add new graduate school – contact name entered only
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when all fields other than contact name are omitted		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (contact name : John Doe)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

E-mail Address:

City:

State:

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

✖

Graduate School:

A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

City:

E-mail Address:

State:

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

Test Case ID	3.2.22.1	Test Case Name	Add new graduate school – invalid telephone number format – test 1
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 595-22	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Delete Edit Close

Graduate School:

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text" value="(555) 595-22"/>
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

 Delete Edit Close

Graduate School: A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text" value="(555) 595-22"/> The value is not in a valid format.
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	

Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

Test Case ID	3.2.22.2	Test Case Name	Add new graduate school – invalid telephone number format – test 2
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (telephone number: (555) 59	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number:

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

✖

Graduate School: A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number: The value is not in a valid format.

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

Test Case ID	3.2.22.3	Test Case Name	Add new graduate school – invalid telephone number format – test 3
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (telephone number: 50)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

✖✖✖

Graduate School:

Mailing Address	Contact/Telephone Number/Email
Street Address:	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/> 50
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

✖✖✖

Graduate School:
A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address:	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/> 50 The value is not in a valid format.
City: <input type="text"/>	E-mail Address: <input type="text"/>
State: <input type="text"/>	
Zip Code: <input type="text"/>	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

Test Case ID	3.2.23.1	Test Case Name	Add new graduate school – invalid email address – test 1
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

2. Validation errors displayed correspond with missing required data elements; record not committed

✖

Graduate School:	<input type="text"/>
Mailing Address	
Street Address:	<input type="text"/>
	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

✖

Graduate School:	<input type="text"/>
A value is required.	
Mailing Address	
Street Address:	<input type="text"/>
	<input type="text"/>
City:	<input type="text"/>
State:	<input type="text"/>
Zip Code:	<input type="text"/>
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:

Test Case ID	3.2.23.2	Test Case Name	Add new graduate school – invalid email address – test 2
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Graduate School:

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/> test@
State: <input type="text"/>	
Zip Code: <input type="text"/>	
Added By: <input type="text"/>	Last Updated By: <input type="text"/>
Added Date/Time: <input type="text"/>	Last Updated Date/Time: <input type="text"/>

Graduate School:
A value is required.

Mailing Address	Contact/Telephone Number/Email
Street Address: <input type="text"/>	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: <input type="text"/>	E-mail Address: <input type="text"/> test@ The value is not in a valid format.
State: <input type="text"/>	
Zip Code: <input type="text"/>	
Added By: <input type="text"/>	Last Updated By: <input type="text"/>
Added Date/Time: <input type="text"/>	Last Updated Date/Time: <input type="text"/>

Test Case ID	3.2.23.3	Test Case Name	Add new graduate school – invalid email address – test 3
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@test)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

Graduate School:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Graduate School: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address: test@test The value is not in a valid format.

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	3.2.23.4	Test Case Name	Add new graduate school – invalid email address – test 4
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@test.)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed as expected	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed



Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

City:

E-mail Address: test@test.

State:

Zip Code:

Last Updated By:

Added By:

Last Updated Date/Time:

Added Date/Time:



Graduate School:

A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

City:

E-mail Address:

State:

The value is not in a valid format.

Zip Code:

Added By:

Added Date/Time:

Test Case ID	3.2.24.1	Test Case Name	Add new graduate school – valid email address – test 1
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

City:

Telephone Number:

E-mail Address: test@test.com

State:

Zip Code:

Added By: Last Updated By:

Added Date/Time: Last Updated Date/Time:

Delete Edit Close

Graduate School: A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

City:

Telephone Number:

E-mail Address: test@test.com

State:

Zip Code:

Added By: Last Updated By:

Added Date/Time: Last Updated Date/Time:

Delete Edit Close

Test Case ID	3.2.24.2	Test Case Name	Add new graduate school – valid email address – test 2
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test@test.test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

✖

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number:

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

✖

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Graduate School: A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address: Contact Name:

Telephone Number:

City: E-mail Address:

State:

Zip Code:

Added By: Last Updated By:
Added Date/Time: Last Updated Date/Time:

✖

Test Case ID	3.2.24.3	Test Case Name	Add new graduate school – valid email address – test 3
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test_1@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

✖

Graduate School:

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

City:

E-mail Address:

State:

Zip Code:

Last Updated By:
Last Updated Date/Time:

✖

Graduate School:

A value is required.

Mailing Address **Contact/Telephone Number/Email**

Street Address:

Contact Name:

Telephone Number:

City:

E-mail Address:

State:

Zip Code:

Last Updated By:
Last Updated Date/Time:

Test Case ID	3.2.24.4	Test Case Name	Add new graduate school – valid email address – test 4
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (email address: test_2.test@test.com)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation error not displayed for field

Graduate School:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Graduate School: A value is required.

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Test Case ID	3.2.25	Test Case Name	Add new graduate school – invalid zip code
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/10/2020
Description	Test to ensure validation errors are displayed as expected when zip code is entered with a valid format		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data (zip code: 123EF)	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors displayed for field	Pass	
6	Check post-condition 1		Pass	

Post-conditions

1. Validation errors displayed correspond with missing required data elements; record not committed

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Graduate School:

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Last Updated By:
Added Date/Time:

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Graduate School: A value is required.

Mailing Address

Street Address:

City: A value is required.

State: A value is required.

Zip Code: The value is not in a valid format.

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Last Updated By:
Added Date/Time:

Test Case ID	3.2.26.1	Test Case Name	Add new graduate school – valid data – test 1
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data: Graduate school Name: University of Cincinnati	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

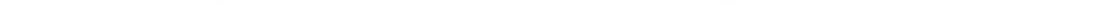
3. Record is committed

A horizontal redaction bar with three small icons: a trash can, a copy/paste symbol, and a close button.

Graduate School:	<input type="text" value="University of Cincinnati"/>	Contact/Telephone Number/Email
Mailing Address		
Street Address:	<input type="text"/>	Contact Name: <input type="text"/>
	<input type="text"/>	Telephone Number: <input type="text"/>
City:	<input type="text"/>	E-mail Address: <input type="text"/>
State:	<input type="text"/>	
Zip Code:	<input type="text"/>	
Added By:	Last Updated By:	
Added Date/Time:	Last Updated Date/Time:	



The record has been saved successfully.

A horizontal redaction bar with three small icons: a trash can, a copy/paste symbol, and a close button.

Graduate School:	<input type="text" value="University of Cincinnati"/>	Contact/Telephone Number/Email	
Mailing Address			
Street Address:	<input type="text"/>	Contact Name: <input type="text"/>	
	<input type="text"/>	Telephone Number: <input type="text"/>	
City:	<input type="text"/>	E-mail Address: <input type="text"/>	
State:	<input type="text"/>		
Zip Code:	<input type="text"/>		
Added By:	CURRENTUSER	Last Updated By:	CURRENTUSER
Added Date/Time:	3/1/2020 2:28 AM	Last Updated Date/Time:	3/1/2020 2:28 AM

A horizontal redaction bar with three small icons: a trash can, a copy/paste symbol, and a close button.

Comments



Test Case ID	3.2.26.2	Test Case Name	Add new graduate school – valid data – test 2
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data: Graduate school Name: Spalding University Address Line 1: 5101 3rd St. City: Louisville State: KY Zip Code: 40211	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed
3. Record is committed

A screenshot of a web-based form for adding a new graduate school record. The form has a red header bar with three icons: a trash can, a floppy disk, and a close button. Below the header, the 'Graduate School' field contains 'Spalding University'. The form is divided into two main sections: 'Mailing Address' and 'Contact/Telephone Number/Email'. Under 'Mailing Address', the 'Street Address' is '5101 3rd St.', 'City' is 'Louisville', 'State' is 'KY', and 'Zip Code' is '40211'. Under 'Contact/Telephone Number/Email', there are four empty input fields for 'Contact Name', 'Telephone Number', 'E-mail Address', and 'Last Updated By'. At the bottom of the form, there are fields for 'Added By' (set to 'CURRENTUSER') and 'Added Date/Time' (set to '3/1/2020 2:32 AM').

The record has been saved successfully.

A screenshot of the same web-based form after the record has been saved successfully. The 'Graduate School' field still contains 'Spalding University'. The 'Mailing Address' section remains the same. The 'Contact/Telephone Number/Email' section now shows a success message: 'The record has been saved successfully.' Below this message, the 'Last Updated By' field is populated with 'CURRENTUSER' and the 'Last Updated Date/Time' is '3/1/2020 2:32 AM'. The 'Added By' and 'Added Date/Time' fields are still set to their initial values ('CURRENTUSER' and '3/1/2020 2:32 AM'). A dark grey footer bar at the bottom contains the word 'Comments'.

Test Case ID	3.2.26.3	Test Case Name	Add new graduate school – valid data – test 3
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data: Graduate school Name: Indiana State University Contact Name: Misty Owens Telephone Number: (555) 555-5555	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed



Graduate School:	Indiana State University
Mailing Address	
Street Address:	
City:	
State:	
Zip Code:	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:



Indiana State University

Contact/Telephone Number/Email

Contact Name: Misty Owens
Telephone Number: (555) 555-5555
E-mail Address:

The record has been saved successfully.

Graduate School:	Indiana State University
Mailing Address	
Street Address:	
City:	
State:	
Zip Code:	
Added By:	Last Updated By:
Added Date/Time:	Last Updated Date/Time:



Indiana State University

Contact/Telephone Number/Email

Contact Name: Misty Owens
Telephone Number: (555) 555-5555
E-mail Address:

Comments



Test Case ID	3.2.26.4	Test Case Name	Add new graduate school – valid data – test 4
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the New Record icon	Graduate school detail form is displayed	Pass	
4	Enter test data: Graduate school Name: Western Kentucky University Email Address: test@wku.edu	Fields populated with data as expected	Pass	
5	Select the Save button	Validation errors not displayed for fields	Pass	
6	Check post-condition 1		Pass	
7.	Check post-condition 2		Pass	
8.	Check post-condition 3		Pass	

Post-conditions

1. Validation errors not displayed for fields
2. Save message is displayed

3. Record is committed

Graduate School: Western Kentucky University

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By:

Added Date/Time:

Last Updated By:

Last Updated Date/Time:

Delete Edit X

The record has been saved successfully.

Graduate School: Western Kentucky University

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Added Date/Time: 3/1/2020 2:36 AM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 3/1/2020 2:36 AM

Comments +

Comment	Added By	Last Updated By	Actions
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Test Case ID	3.2.27.1	Test Case Name	Add new graduate school – comment record – missing/invalid data
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Fail	Corrective Action(s)	Corrected defect in GraduateSchoolEditComponent; re-tested successfully

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Select the New Record option in the Comments tab control	The comment detail window is displayed	Pass	
5	Enter test data: Comment: null	Fields reflect test data input	Pass	
6.	Select the Save option	Validation errors are displayed	Pass	
7.	Check post-condition 1		Fail	Validation errors appear but field not outlined in red color

Post-conditions

1. Validation error displayed for field as expected

Test Case ID	3.2.27.2	Test Case Name	Add new graduate school – comment record – missing/invalid data
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Select the New Record option in the Comments tab control	The comment detail window is displayed	Pass	
5	Enter test data: Comment: null	Fields reflect test data input	Pass	
6.	Select the Save option	Validation errors are displayed	Pass	
7.	Check post-condition 1		Pass	

Post-conditions

1. Validation error displayed for field as expected



Comment:

All 18+ Adults



Comment:

A value is required.

Test Case ID	3.2.28	Test Case Name	Add new graduate school – comment record – valid data
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/12/2020
Description	Test to ensure validation errors are not displayed and record is committed when all data is valid		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
5	Select the New Record option in the Comments tab control	The graduate school detail window is displayed	Pass	
6	Enter test data: Comments: Test	Fields reflect test data input	Pass	
7.	Select the Save option	No validation errors occur, record is saved, save message displayed	Pass	
8.	Check post condition 1		Pass	
9	Check post condition 2		Pass	
10	Check post condition 3		Pass	

Post-conditions

- Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed



Comment:

Test



The record has been saved successfully

Comment:

Test

Test Case ID	3.2.29	Test Case Name	Edit existing graduate school general data – invalid/valid – graduate school name
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: Graduate school name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Graduate school: WKU	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

This screenshot shows a web-based form for managing contact information. At the top, there are three small icons: a trash can, a copy/paste, and a close button. Below this is a section for 'Graduate School' with a single input field. The main body of the form is divided into two columns: 'Mailing Address' and 'Contact/Telephone Number/Email'. Under 'Mailing Address', fields include 'Street Address', 'City', 'State', and 'Zip Code'. Under 'Contact/Telephone Number/Email', fields include 'Contact Name', 'Telephone Number', and 'E-mail Address' (set to test@wku.edu). At the bottom of the form, status information is provided: 'Added By: CURRENTUSER', 'Added Date/Time: 3/1/2020 2:36 AM', 'Last Updated By: CURRENTUSER', and 'Last Updated Date/Time: 3/1/2020 2:36 AM'. A 'Comments' section at the bottom contains a table with columns for 'Comment', 'Added By Date/Time', 'Last Updated By Date/Time', and 'Actions' (with a plus sign icon).

This screenshot shows the same web form as above, but with validation errors. The 'Graduate School' field is highlighted in red, and a red error message 'A value is required.' is displayed below it. The rest of the form appears identical to the first screenshot, with all other fields and status information visible.



The record has been saved successfully

Graduate School:

WKU

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

test@wku.edu

Added By:

CURRENTUSER

Last Updated By:

CURRENTUSER

Test Case ID	3.2.30	Test Case Name	Edit existing graduate school general data – valid – contact name
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: Contact Name: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: First name: John Smith	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. No validation errors; changes committed
2. No validation errors; changes committed



Graduate School: University of Louisville

Mailing Address Contact/Telephone Number/Email

Street Address:

City: Louisville

State: KY

Zip Code:

Added By: SSHROUT Last Updated By: CURRENTUSER

Added Date/Time: 11/30/2010 12:00 AM Last Updated Date/Time: 3/1/2020 2:02 AM



The record has been saved successfully.

Graduate School: University of Louisville

Mailing Address Contact/Telephone Number/Email

Street Address:

City: Louisville

State: KY

Zip Code:

Added By: SSHROUT Last Updated By: CURRENTUSER



The record has been saved successfully.

Graduate School: University of Louisville

Mailing Address

Street Address:

City: Louisville

State: KY

Zip Code:

Contact/Telephone Number/Email

Contact Name: John Smith

Telephone Number:

E-mail Address:

Added By: SSHROUT

Added Date/Time: 11/30/2019 12:00 AM

Last Updated By: CURRENTUSER

Last Updated Date/Time: 3/1/2020 3:04 AM

Test Case ID	3.2.31	Test Case Name	Edit existing graduate school general data – invalid/valid – city
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has address line 1, state, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: City: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: City: Lexington	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Graduate School: University of Kentucky

Mailing Address	Contact/Telephone Number/Email
Street Address: 109 Main St.	Contact Name: _____
City: _____	Telephone Number: _____
State: KY	E-mail Address: _____
Zip Code: 40941	
Added By: CURRENTUSER	Last Updated By: CURRENTUSER
Added Date/Time: 3/1/2020 1:50 AM	Last Updated Date/Time: 3/1/2020 3:07 AM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
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Graduate School: University of Kentucky

Mailing Address	Contact/Telephone Number/Email
Street Address: 109 Main St.	Contact Name: _____
City: _____	Telephone Number: _____
State: KY	E-mail Address: _____
Zip Code: 40941	
Added By: CURRENTUSER	Last Updated By: CURRENTUSER
Added Date/Time: 3/1/2020 1:50 AM	Last Updated Date/Time: 3/1/2020 3:07 AM

Comments

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
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A value is required.



The record has been saved successfully.

Graduate School: University of Kentucky

Mailing Address

Street Address: 109 Main St.

City: Lexington

State: KY

Zip Code: 40941

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: CURRENTUSER

Last Updated By: CURRENTUSER

Added Date/Time: 3/1/2020 1:50 AM

Last Updated Date/Time: 3/1/2020 3:09 AM

Test Case ID	3.2.32	Test Case Name	Edit existing graduate school general data – invalid/valid – state
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has address line 1, city, zip code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: State: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: State: OK	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

The screenshot shows a software application window with a dark red header bar containing three icons: a trash can, a copy/paste, and a close button. Below the header is a form for entering contact information. The form fields include:

Graduate School:	Indiana University
Mailing Address	
Street Address:	232 Oak St. [empty text area]
Contact Name:	[empty text box]
City:	Bloomington
Telephone Number:	[empty text box]
State:	[empty dropdown menu]
Zip Code:	40203
Added By:	SSHRROUT
Added Date/Time:	1/20/2020 12:00 AM
Last Updated By:	CURRENTUSER
Last Updated Date/Time:	3/1/2020 3:15 AM

Below the form is a dark grey section titled "Comments" with a plus sign icon. It contains a table with four columns:

Comment	Added By Date/Time	Last Updated By Date/Time	Actions



The record has been saved successfully

Graduate School: Indiana University

Mailing Address

Street Address: 232 Oak St.

City: Bloomington

State: OK

Zip Code: 40203

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Added By: SSHROUT

Last Updated By: CURRENTUSER

Added Date/Time: 1/20/2020 12:00 AM

Last Updated Date/Time: 3/1/2020 3:17 AM

Comments



✖

Graduate School: Indiana University

Mailing Address **Contact/Telephone Number/Email**

Street Address: 232 Oak St. **Contact Name:**

City: Bloomington **Telephone Number:**

State: **E-mail Address:**

Zip Code: 40203

Added By: SSHROUT **Last Updated By:** CURRENTUSER
Added Date/Time: 1/20/2020 12:00 AM **Last Updated Date/Time:** 3/1/2020 3:15 AM

Comments +

The record has been saved successfully

Graduate School: Indiana University

Mailing Address **Contact/Telephone Number/Email**

Street Address: 232 Oak St. **Contact Name:**

City: Bloomington **Telephone Number:**

State: OK **E-mail Address:**

Zip Code: 40203

Added By: SSHROUT **Last Updated By:** CURRENTUSER
Added Date/Time: 1/20/2020 12:00 AM **Last Updated Date/Time:** 3/1/2020 3:17 AM

Comments +

Test Case ID	3.2.33	Test Case Name	Edit existing graduate school general data – invalid/valid – zip code
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: Zip Code: null	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Zip Code: 40203	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.

The screenshot shows a web-based form for managing mailing address information. At the top, there is a red header bar with three small icons: a square, a rectangle, and a circle with an 'X'. Below the header, the form fields are organized into sections:

- Graduate School:** Indiana University
- Mailing Address** (left column):
 - Street Address:** 232 Oak St.
 - City:** Bloomington
 - State:** IN
 - Zip Code:** [empty input field]
- Contact/Telephone Number/Email** (right column):
 - Contact Name:** [empty input field]
 - Telephone Number:** [empty input field]
 - E-mail Address:** [empty input field]
- Added By:** SSHROUT
- Last Updated By:** CURRENTUSER
- Added Date/Time:** 1/20/2020 12:00 AM
- Last Updated Date/Time:** 3/1/2020 3:13 AM

Below the main form area, there is a dark grey footer section labeled "Comments" in white text. To the right of this label is a small white square button with a black plus sign inside. The footer also contains four columns with headers:

- Comment**
- Added By**
Date/Time
- Last Updated By**
Date/Time
- Actions**

✖

Graduate School: Indiana University

Mailing Address	Contact/Telephone Number/Email
Street Address: 232 Oak St.	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: Bloomington	E-mail Address: <input type="text"/>
State: IN	
Zip Code: <input type="text"/>	

A value is required.

Added By: SSHROUT **Last Updated By:** CURRENTUSER
Added Date/Time: 1/20/2020 12:00 AM **Last Updated Date/Time:** 3/1/2020 3:13 AM

Comments +

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

✖

The record has been saved successfully.

Graduate School: Indiana University

Mailing Address	Contact/Telephone Number/Email
Street Address: 232 Oak St.	Contact Name: <input type="text"/>
<input type="text"/>	Telephone Number: <input type="text"/>
City: Bloomington	E-mail Address: <input type="text"/>
State: IN	
Zip Code: 40203	

Added By: SSHROUT **Last Updated By:** CURRENTUSER
Added Date/Time: 1/20/2020 12:00 AM **Last Updated Date/Time:** 3/1/2020 3:15 AM

Test Case ID	3.2.34	Test Case Name	Edit existing graduate school general data – invalid/valid – telephone number
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: Telephone number: 123	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Telephone number: (123) 456-7891	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

The screenshot shows a software application window with a red header bar containing three icons: a trash can, a copy/paste, and a close button. Below the header, there is a form for entering contact information. The form fields include:

Graduate School:	Indiana University
Mailing Address	
Street Address:	232 Oak St.
City:	Bloomington
State:	OK
Zip Code:	40203
Added By:	SSHROUT
Added Date/Time:	1/20/2020 12:00 AM
Last Updated By:	CURRENTUSER
Last Updated Date/Time:	3/1/2020 3:17 AM

Below the form is a "Comments" section with a table:

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
			+

✖

Graduate School: Indiana University

Mailing Address Contact/Telephone Number/Email

Street Address: 232 Oak St.

Contact Name:

City: Bloomington

Telephone Number: 123 The value is not in a valid format.

State: OK

E-mail Address:

Zip Code: 40203

Added By: SSHROUT Last Updated By: CURRENTUSER

Added Date/Time: 1/20/2020 12:00 AM Last Updated Date/Time: 3/1/2020 3:17 AM

Comments +

✖

The record has been saved successfully.

Graduate School: Indiana University

Mailing Address Contact/Telephone Number/Email

Street Address: 232 Oak St.

Contact Name:

City: Bloomington

Telephone Number: (123) 456-7891

State: OK

E-mail Address:

Zip Code: 40203

Added By: SSHROUT Last Updated By: CURRENTUSER

Added Date/Time: 1/20/2020 12:00 AM Last Updated Date/Time: 3/1/2020 3:19 AM

Comments +

Test Case ID	3.2.35	Test Case Name	Edit existing graduate school general data – invalid/valid – email address
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has address line 1, city, state code populated

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Update fields: Email address :Test	Field(s) reflect(s) updated value(s)	Pass	
5.	Select the Save option	Validation error(s) displayed as expected.	Pass	
6.	Check post-condition 1		Pass	
7.	Update fields: Email address : test@test.com	Field(s) reflect(s) updated value(s)	Pass	
8.	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
9.	Check post-condition 2		Pass	
10.	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected.

Graduate School: University of Kentucky

Mailing Address		Contact/Telephone Number/Email	
Street Address:	109 Main St.	Contact Name:	<input type="text"/>
City:	Lexington	Telephone Number:	<input type="text"/>
State:	KY	E-mail Address:	<input type="text"/>
Zip Code:	40941		
Added By:	CURRENTUSER	Last Updated By:	CURRENTUSER
Added Date/Time:	3/1/2020 1:50 AM	Last Updated Date/Time:	3/1/2020 3:20 AM
<input type="button" value="Comments"/> <input type="button" value="+"/>			



Graduate School: University of Kentucky

Mailing Address		Contact/Telephone Number/Email	
Street Address:	109 Main St.	Contact Name:	<input type="text"/>
City:	Lexington	Telephone Number:	<input type="text"/>
State:	KY	E-mail Address:	<input type="text"/>
Zip Code:	40941		
Added By:	CURRENTUSER	Last Updated By:	CURRENTUSER
Added Date/Time:	3/1/2020 1:50 AM	Last Updated Date/Time:	3/1/2020 3:21 AM



The record has been saved successfully

Graduate School: University of Kentucky

Mailing Address

Street Address: 109 Main St.

City: Lexington

State: KY

Zip Code: 40941

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

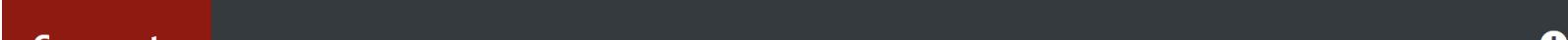
E-mail Address: test@test.com

Added By: CURRENTUSER

Last Updated By: CURRENTUSER

Added Date/Time: 3/1/2020 1:50 AM

Last Updated Date/Time: 3/1/2020 3:22 AM



Test Case ID	3.2.36	Test Case Name	Edit existing graduate school comment data – invalid/valid data – comment
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure validation errors are shown as expected and record committed (if no errors) as expected		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; graduate school has existing comment record

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Select the Edit function for an existing comment record.	The comment record detail form is displayed	Pass	
5	Update fields: Comment: null	Field(s) reflect(s) updated value(s)	Pass	
6	Select the Save option	Validation error(s) displayed as expected.	Pass	
7	Check post-condition 1		Pass	
8	Update fields: Comment: This is a test	Field(s) reflect(s) updated value(s)	Pass	
9	Select the Save option	Save message displayed; no validation errors; record committed as expected.	Pass	
10	Check post-condition 2		Pass	
11	Check post-condition 3		Pass	

Post-conditions

1. Validation error(s) displayed for field(s) as expected.
2. Validation errors removed; save message displayed.
3. Record committed as expected; graduate school detail tab control reflects updated value(s)

 A redacted rectangular area representing a comment input field.

Comment:

 
A value is required.

The record has been saved successfully.

Comment:

This is a test

Test Case ID	3.2.37	Test Case Name	Delete - Graduate school
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Select the Delete function.	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Graduate school detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function.	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	The edit form is closed, deleted flag is updated on record but record not physically deleted, control returns to main graduate school component	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to graduate school edit component.
2. Edit form is closed, control returns to main graduate school component.
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

The screenshot shows a software interface for managing graduate school records. At the top, there is a red header bar with three icons: a trash can, a magnifying glass, and a close button. Below the header, the 'Graduate School' field contains 'Indiana State University'. The main form is divided into sections: 'Mailing Address' and 'Contact/Telephone Number/Email'. Under 'Mailing Address', fields for Street Address, City, State, and Zip Code are present. Under 'Contact/Telephone Number/Email', fields for Contact Name, Telephone Number, and E-mail Address are shown, with 'Misty Owens' and '(555) 555-5555' entered respectively. At the bottom of the form, audit information is displayed: 'Added By: CURRENTUSER', 'Added Date/Time: 3/1/2020 2:34 AM', 'Last Updated By: CURRENTUSER', and 'Last Updated Date/Time: 3/1/2020 2:34 AM'. A dark grey footer bar at the bottom left contains the word 'Comments' and a plus sign (+). A table below the footer lists comments, with columns for Comment, Added By Date/Time, Last Updated By Date/Time, and Actions.

Comment	Added By Date/Time	Last Updated By Date/Time	Actions

Graduate School: Indiana State University

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: Misty Owens

Telephone Number: (555) 555-5555

Comments

Are you sure you wish to delete this record?

Yes **No**

By: CURRENTUSER
Last Updated Date/Time: 3/1/2020 2:34 AM

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
---------	-----------------------	------------------------------	---------

Graduate School: Indiana State University

Mailing Address

Street Address:

City:

State:

Zip Code:

Contact/Telephone Number/Email

Contact Name: Misty Owens

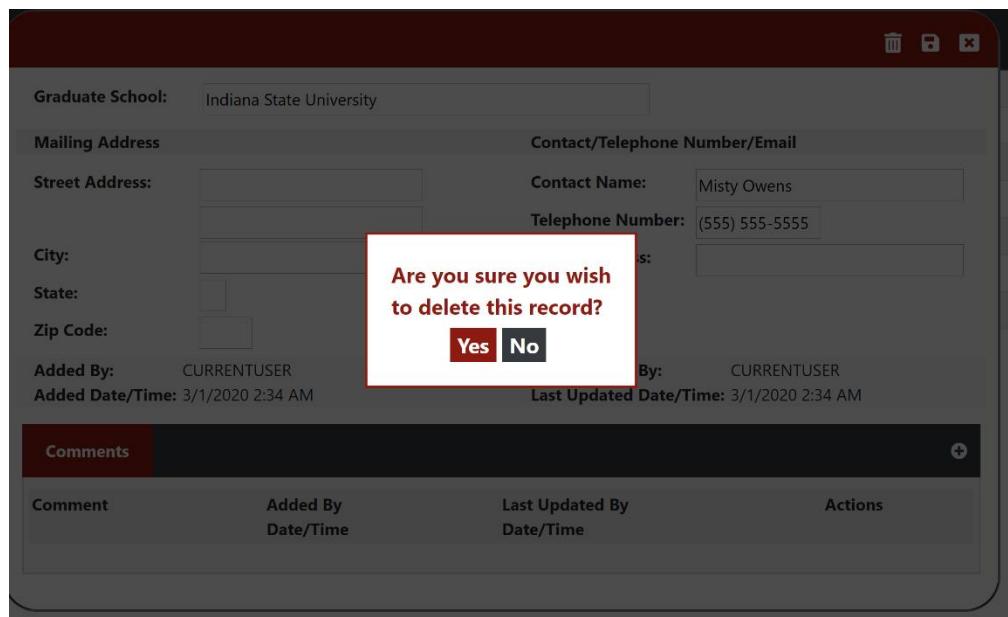
Telephone Number: (555) 555-5555

E-mail Address:

Comments

Added By: CURRENTUSER **Last Updated By:** CURRENTUSER
Added Date/Time: 3/1/2020 2:34 AM **Last Updated Date/Time:** 3/1/2020 2:34 AM

Comment	Added By Date/Time	Last Updated By Date/Time	Actions
---------	-----------------------	------------------------------	---------



A screenshot of a MySQL query editor window titled 'alumni'. The query pane contains the following SQL code:

```
1 •  SELECT deleted
2   FROM graduate_schools
3  WHERE school_name = 'Indiana State University'
```

The results pane shows a single row in a grid:

deleted
1

Test Case ID	3.2.38	Test Case Name	Delete – Graduate school – comment record
System	User Interface	Subsystem	Records-Graduate school
Designed by	S. Shrout	Design Date	12/2019 – 2/2020
Executed by	S. Shrout	Execution Date	2/29/2020
Description	Test to ensure that logical deletion is applied as expected when confirming delete request		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Application is available and running; graduate school is existing; comment record is existing on graduate school

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Select Records in main navigation	Records submenu is displayed	Pass	
2	Select Graduate school from records submenu	Graduate school component/list is displayed	Pass	
3	Select the Edit function for an existing graduate school	Graduate school detail form is displayed	Pass	
4	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
5	Select No on the delete confirmation window	Graduate school detail form is displayed; record is not updated	Pass	
6	Check post-condition 1		Pass	
7	Select the Delete function on one of the comment records present	The delete confirmation window is displayed.	Pass	
8	Select Yes on the delete confirmation window	Graduate school detail form is displayed; record is no longer displayed	Pass	
9	Check post-condition 2		Pass	
10	Check post-condition 3		Pass	

Post Conditions

1. Record is not deleted; control returns to graduate school edit component.
2. Graduate school edit form is displayed again
3. Deleted flag was updated on record; record not physically deleted; no longer appears in listing.

Graduate School:		Spalding University									
Mailing Address		Contact/Telephone Number/Email									
Street Address:	5101 3rd St. [empty field]										
	Contact Name:										
	Telephone Number:										
City:	Louisville										
State:	KY										
Zip Code:	40211										
Added By:	CURRENTUSER										
Added Date/Time:	3/1/2020 2:32 AM										
Last Updated By:	CURRENTUSER										
Last Updated Date/Time:	3/1/2020 2:32 AM										
Comments <table border="1"> <thead> <tr> <th>Comment</th> <th>Added By Date/Time</th> <th>Last Updated By Date/Time</th> <th>Actions</th> </tr> </thead> <tbody> <tr> <td>Test</td> <td>CURRENTUSER 3/1/2020 2:57 AM</td> <td>CURRENTUSER 3/1/2020 2:57 AM</td> <td> </td> </tr> </tbody> </table>				Comment	Added By Date/Time	Last Updated By Date/Time	Actions	Test	CURRENTUSER 3/1/2020 2:57 AM	CURRENTUSER 3/1/2020 2:57 AM	
Comment	Added By Date/Time	Last Updated By Date/Time	Actions								
Test	CURRENTUSER 3/1/2020 2:57 AM	CURRENTUSER 3/1/2020 2:57 AM									

Graduate School: Spalding University

Mailing Address Contact/Telephone Number/Email

Street Address: 5101 3rd St.

Contact Name:

City: Louisville

Telephone Number:

E-mail Address:

State: KY

Zip Code: 40211

Added By: CURRENTUSER

By: CURRENTUSER

Added Date/Time: 3/1/2020 2:32 AM

Date/Time: 3/1/2020 2:32 AM

Comments

Comment	Added By	Last Updated By	Actions
Date/Time	Date/Time	Date/Time	
Test	CURRENTUSER	CURRENTUSER	 
3/1/2020 2:57 AM	3/1/2020 2:57 AM	3/1/2020 2:57 AM	

Are you sure you wish to delete this record?

Yes **No**

Graduate School: Spalding University

Mailing Address Contact/Telephone Number/Email

Street Address: 5101 3rd St.

Contact Name:

City: Louisville

Telephone Number:

E-mail Address:

State: KY

Zip Code: 40211

Added By: CURRENTUSER

Last Updated By: CURRENTUSER

Added Date/Time: 3/1/2020 2:32 AM

Last Updated Date/Time: 3/1/2020 2:32 AM

Comments

Comment	Added By	Last Updated By	Actions
Date/Time	Date/Time	Date/Time	
Test	CURRENTUSER	CURRENTUSER	 
3/1/2020 2:57 AM	3/1/2020 2:57 AM	3/1/2020 2:57 AM	

Graduate School: Spalding University

Mailing Address

Street Address: 5101 3rd St.

City: Louisville

State: KY

Zip Code: 40211

Added By: CURRENTUSER

Added Date/Time: 3/1/2020 2:32 AM

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Are you sure you wish to delete this record?

Yes No

By: CURRENTUSER

Date/Time: 3/1/2020 2:32 AM

Comments

Comment	Added By	Last Updated By	Actions
Comment	Date/Time	Date/Time	
Test	CURRENTUSER 3/1/2020 2:57 AM	CURRENTUSER 3/1/2020 2:57 AM	

Graduate School: Spalding University

Mailing Address

Street Address: 5101 3rd St.

City: Louisville

State: KY

Zip Code: 40211

Added By: CURRENTUSER

Added Date/Time: 3/1/2020 2:32 AM

Contact/Telephone Number/Email

Contact Name:

Telephone Number:

E-mail Address:

Last Updated By: CURRENTUSER

Last Updated Date/Time: 3/1/2020 2:32 AM

Comments

Comment	Added By	Last Updated By	Actions
Comment	Date/Time	Date/Time	

alumni x alumni SQL File 4* SQL File 5* graduate_schools

1 • SELECT deleted
2 FROM comments
3 WHERE entity_id = 7 and entity_type = 'G'

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	deleted
▶	1

4.1 Functional Test Cases

Test Case ID	4.1.1	Test Case Name	Login – username does not exist
System	Authentication	Subsystem	Users
Designed by	Anthony Freitas	Design Date	12/2019 – 2/2020
Executed by	Anthony Freitas	Execution Date	2/12/2020
Description	Test to ensure entering a username that does not exist in the database returns an error		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted username does not exist in database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Navigate to the Login page	Login page displayed	Pass	
2	Enter test data: Username: doesnotexist Password: doesnotexist	Username and password fields display entered data	Pass	
3	Select the Login button	Returns an error	Pass	
4	Check post-condition 1		Pass	

Post-conditions

1. “User does not exist” error message is returned

Test Case ID	4.1.2	Test Case Name	Authentication – incorrect password
System	Authentication	Subsystem	Users
Designed by	Anthony Freitas	Design Date	12/2019 – 2/2020
Executed by	Anthony Freitas	Execution Date	2/12/2020
Description	Test to ensure entering an existing username with an incorrect password returns an error		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted username exists in database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Navigate to the Login page	Login page displayed	Pass	
2	Enter test data: Username: username Password: incorrect	Username and password fields display entered data	Pass	
3	Select the Login button	Returns an error	Pass	
4	Check post-condition 1		Pass	

Post-conditions

1. “Incorrect password” error message is returned

Test Case ID	4.1.3	Test Case Name	Authentication – correct login
System	Authentication	Subsystem	Users
Designed by	Anthony Freitas	Design Date	12/2019 – 2/2020
Executed by	Anthony Freitas	Execution Date	2/12/2020
Description	Test to ensure entering an existing username with a correct password navigates to the main application page		
Test Result	Pass	Corrective Action(s)	

Pre-conditions

Submitted username exists in database; application is available and running

Steps

Step	Action	Expected Behavior	Pass/Fail	Comments
1	Navigate to the Login page	Login page displayed	Pass	
2	Enter test data: Username: username Password: password	Username and password fields display entered data	Pass	
3	Select the Login button	Redirect to the main application page	Pass	
4	Check post-condition 1		Pass	

Post-conditions

1. Main application page is displayed