

# Career Tracker

## **Unit Test Results**

William Ntumba, Scott Shrout, Anthony Freitas

# **Table of Contents**

---

1.	Record Maintenance - Alumni .....	2
1.1	Automated Unit Test Cases .....	2
1.2	Manual Unit Test Cases.....	2-129
2.	Record Maintenance - Employers .....	Pending
2.1	Automated Unit Test Cases .....	Pending
2.2	Manual Unit Test Cases.....	Pending
3.	Record Maintenance – Graduate Schools.....	Pending
3.1	Automated Unit Test Cases .....	Pending
3.2	Manual Unit Test Cases.....	Pending
4.	Authentication.....	130-132
4.1	Manual Unit Test Cases.....	130-132

## **1. Record Maintenance – Alumni**

### **1.1 Automated Unit Test Cases**

82 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>

## 1.2 Manual Unit Test Cases

<b>Test Case ID</b>	1.1	<b>Test Case Name</b>	Search for alumni – last name – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by last name is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

### Pre-conditions

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

### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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      [Logo](#)

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

<b>Test Case ID</b>	1.2	<b>Test Case Name</b>	Search for alumni – last name – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by last name is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Enter a last name value (test value Shrout)	The last name field is populated with value	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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](#)    [Reports/Exports](#)      [Logout](#)

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

<b>Test Case ID</b>	1.3	<b>Test Case Name</b>	Search for alumni – first name – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by first name is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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"/>	First Name:	<input type="text" value="Fred"/>
Last Name:	<input type="text"/>	State:	<input type="text"/>
City:	<input type="text"/>	None: <input type="checkbox"/>	
Employer:	<input type="text"/>	None: <input type="checkbox"/>	
Graduate School:	<input type="text"/>	None: <input type="checkbox"/>	
Graduation Term Code:	<input type="text"/>		
<b>Search</b>			

 **Career Tracker**

Records ▾ Import Data Reports/Exports

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				 

<b>Test Case ID</b>	1.4	<b>Test Case Name</b>	Search for alumni – last name – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by last name is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

City:  State:

Employer:  ▼ None:

Graduate School:  ▼ None:

Graduation Term  
Code:

**Search**

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

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

<b>Test Case ID</b>	1.5	<b>Test Case Name</b>	Search for alumni – alumnus ID– with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by alumnus ID is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

SOUTHEAST

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

<b>Test Case ID</b>	1.6	<b>Test Case Name</b>	Search for alumni – alumnus ID – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by alumnus ID is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

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

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

<b>Test Case ID</b>	1.7	<b>Test Case Name</b>	Search for alumni – city – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by city is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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**

Records ▾ Import Data Reports/Exports

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				 

Previous **1** Next

<b>Test Case ID</b>	1.8	<b>Test Case Name</b>	Search for alumni – city – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by city is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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 Reports/Exports      Log Out

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

<b>Test Case ID</b>	1.9	<b>Test Case Name</b>	Search for alumni – state – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by state is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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.	Select page 2 and page 3			

#### 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**

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						

Previous 1 2 3 Next



**Career Tracker**

Records ▾ Import Data Reports/Exports

Logout

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				 

Previous 1 **2** 3 Next



**Career Tracker**

Records ▾ Import Data Reports/Exports

Logout

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				 

Previous 1 2 **3** Next

<b>Test Case ID</b>	1.10	<b>Test Case Name</b>	Search for alumni – state – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by state is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

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

<b>Test Case ID</b>	1.11	<b>Test Case Name</b>	Search for alumni – employer – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by employer is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Search</b> 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 <b>Search</b> 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"/>
City:	<input type="text"/>	State:	<input type="text"/>
Employer:	<input type="text" value="UPS, Louisville, KY"/> ▼	None:	<input type="checkbox"/>
Graduate School:	<input type="text"/> ▼	None:	<input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		

**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)	Actions
91	Barron	Benas	Louisville, KY	9803	UPS		
105	Childs	Eduardo	New Albany, IN	9803	UPS		

Previous 1 Next

<b>Test Case ID</b>	1.12	<b>Test Case Name</b>	Search for alumni – employer – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by employer is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

Reports/Exports

Logout

Alumnus ID

Last Name

First Name

Location

Graduation  
Term Code

Current Employer(s)

Graduate School(s)



<b>Test Case ID</b>	1.13	<b>Test Case Name</b>	Search for alumni – graduate school – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by graduate school is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Select a graduate school value (test value Indiana University)	The graduate school field is populated with value	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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      Records ▾      Import Data      Reports/Exports      Logout

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			

Previous **1** Next

<b>Test Case ID</b>	1.14	<b>Test Case Name</b>	Search for alumni – graduate school – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by graduate school is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Select a graduate school value (test value University of Louisville)	The graduate school field is populated with value	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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:	<input type="text"/>	First Name:	<input type="text"/>
Last Name:	<input type="text"/>	State:	<input type="text"/>
City:	<input type="text"/>	None: <input type="checkbox"/>	
Employer:	<input type="text"/>	None: <input type="checkbox"/>	
Graduate School:	<input type="text"/>	None: <input type="checkbox"/>	
Graduation Term	<input type="text"/>		
Code:	<input type="text"/>		
<b>Search</b>			


**Career Tracker**
Logout

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

<b>Test Case ID</b>	1.15	<b>Test Case Name</b>	Search for alumni – no employer result
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by no employer selection is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Select the “None” checkbox option next to employer	The checkbox is checked	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	Check post-condition 1		Pass	
<b>7.</b>	Select pages 2,3, and 4.	Search results are displayed	Pass	
<b>8.</b>	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"/>
		State:	<input type="text"/>
Employer:	<input type="text"/> None: <input checked="" type="checkbox"/>		
Graduate School:	<input type="text"/> None: <input type="checkbox"/>		
Graduation Term Code:	<input type="text"/>		

**Search**

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

---

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						

Previous 1 2 3 4 Next

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				

Previous | 1 | 2 | 3 | 4 | Next

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				

Previous | 1 | 2 | 3 | 4 | Next



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				

Previous 1 2 3 4 Next

<b>Test Case ID</b>	1.16	<b>Test Case Name</b>	Search for alumni – no graduate school result
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by no graduate school selection is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

Previous 1 2 3 4 Next

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

[Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

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

[Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)



**Career Tracker**

Records ▾ Import Data Reports/Exports Logout

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

Previous 1 2 3 4 Next



**Career Tracker**

Records ▾ Import Data Reports/Exports Logout

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

Previous 1 2 3 4 Next

<b>Test Case ID</b>	1.17	<b>Test Case Name</b>	Search for alumni – graduation term code – with results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by graduation term code is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

**Search**



**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			<input checked="" type="checkbox"/>	
114	Bowman	Aneurin	Louisville, KY	9803				<input checked="" type="checkbox"/>	
109	Carey	Shivani	Louisville, KY	9803		Indiana University		<input checked="" type="checkbox"/>	
72	Castro	Ebrahi	Louisville, KY	9803				<input checked="" type="checkbox"/>	
105	Childs	Eduardo	New Albany, IN	9803	UPS			<input checked="" type="checkbox"/>	

Previous **1** Next

<b>Test Case ID</b>	1.18	<b>Test Case Name</b>	Search for alumgni – graduation term code – without results
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni by graduation term code is successful/returns expected results (no results when no matching criteria)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Enter a graduation term code value (test value 5555)	The state field is populated with value	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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](#) [Reports/Exports](#)      [Logout](#)

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

<b>Test Case ID</b>	1.19.1	<b>Test Case Name</b>	Search for alumni – combination fields – with results – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

 **Career Tracker**

Records ▾ Import Data Reports/Exports

Logout

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

Previous **1** Next

<b>Test Case ID</b>	1.19.2	<b>Test Case Name</b>	Search for alumni – combination fields – with results – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	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	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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	<b>Search</b>	

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)	  
108	Berger	Fred	Louisville, KY	9804		Indiana University	 

Previous **1** Next

<b>Test Case ID</b>	1.19.3	<b>Test Case Name</b>	Search for alumni – combination fields – with results – test 3
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni with multiple combination fields is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>Search</b> icon	Alumni search form is displayed	Pass	
<b>4</b>	Enter a last name (test value Bean) and select employer Ford Motor Company	The last name and graduation term code fields are populated	Pass	
<b>5</b>	Select the <b>Search</b> button	Search results are displayed	Pass	
<b>6</b>	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="border: 1px solid blue; width: 150px; height: 20px;" type="text" value="Ford Motor Company, Louisville, KY"/> ▼		None: <input type="checkbox"/>
Graduate School:	<input style="width: 150px; height: 20px;" type="text"/> ▼		None: <input type="checkbox"/>
Graduation Term Code:	<input type="text"/>		

**Search**

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

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		  

[Previous](#) 1 [Next](#)

<b>Test Case ID</b>	1.20	<b>Test Case Name</b>	Search for alumni – no criteria
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure a search for alumni when specifying no criteria is successful/returns expected results (records matching criteria present)		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

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

#### Steps

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

Previous  1  2  3  4  Next

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				 

Previous  1  2  3  4  Next

Alumni Data Overview							
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				 

[Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

Alumni Data Overview							
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				 

[Previous](#) [1](#) [2](#) [3](#) [4](#) [Next](#)

<b>Test Case ID</b>	1.21	<b>Test Case Name</b>	Add new alumni – last name entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than last name are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>New Record</b> icon	Alumni detail form is displayed	Pass	
4	Enter test data (last name Shrout)	Fields populated with data as expected	Pass	
5	Select the <b>Save</b> 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:		

<b>Test Case ID</b>	1.22	<b>Test Case Name</b>	Add new alumni – first name entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than first name are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

Last Updated By:

Last Updated Date/Time:

<b>Test Case ID</b>	1.23	<b>Test Case Name</b>	Add new alumni – address line 1 entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than address line 1 are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.24	<b>Test Case Name</b>	Add new alumni – address line 2 entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than address line 2 are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.25	<b>Test Case Name</b>	Add new alumni – city entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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



<b>Test Case ID</b>	1.26	<b>Test Case Name</b>	Add new alumni – state entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than city are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.27	<b>Test Case Name</b>	Add new alumni – zip code entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than zip code are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.28	<b>Test Case Name</b>	Add new alumni – telephone number entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than telephone number are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.29	<b>Test Case Name</b>	Add new alumni – email address entered only
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when all fields other than email address are omitted		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

**Last Updated By:**

**Added Date/Time:**

**Last Updated Date/Time:**

<b>Test Case ID</b>	1.30.1	<b>Test Case Name</b>	Add new alumni – invalid telephone number format – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>New Record</b> icon	Alumni detail form is displayed	Pass	
<b>4</b>	Enter test data (telephone number: (555) 595-22	Fields populated with data as expected	Pass	
<b>5</b>	Select the <b>Save</b> button	Validation errors displayed as expected	Pass	
<b>6</b>	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 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:	First Name:
<input type="text"/>	<input type="text"/>
A value is required.	

Mailing Address		Telephone Number/Email
Street Address:	<input type="text"/>	Telephone Number:
	<input type="text"/>	(555) 595-22
City:	<input type="text"/>	E-mail Address:
State:	<input type="text"/>	<input type="text"/>
Zip Code:	<input type="text"/>	
Added By:	Last Updated By:	
Added Date/Time:	Last Updated Date/Time:	

A red bracket on the right side of the form groups the 'Last Updated By' and 'Last Updated Date/Time' labels and their corresponding empty input fields.

<b>Test Case ID</b>	1.30.2	<b>Test Case Name</b>	Add new alumni – invalid telephone number format – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>New Record</b> icon	Alumni detail form is displayed	Pass	
<b>4</b>	Enter test data (telephone number: (555) 59	Fields populated with data as expected	Pass	
<b>5</b>	Select the <b>Save</b> button	Validation errors displayed as expected	Pass	
<b>6</b>	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. The labels are in bold black font, and the input fields are simple rectangular boxes. Red validation messages are displayed below some of the fields.

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:		

<b>Test Case ID</b>	1.30.3	<b>Test Case Name</b>	Add new alumni – invalid telephone number format – test 3
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when telephone number is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.31.1	<b>Test Case Name</b>	Add new alumni – invalid email address – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

#### Telephone Number/Email

Telephone Number:

E-mail Address:

  
test

The value is not in a valid format.

City:

State:

Zip Code:

Added By:

Last Updated By:

Added Date/Time:

Last Updated Date/Time:

<b>Test Case ID</b>	1.31.2	<b>Test Case Name</b>	Add new alumni – invalid email address – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>New Record</b> icon	Alumni detail form is displayed	Pass	
<b>4</b>	Enter test data (email address: test@)	Fields populated with data as expected	Pass	
<b>5</b>	Select the <b>Save</b> button	Validation errors displayed as expected	Pass	
<b>6</b>	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 three icons: a trash can, a file folder, and a close button. Below the header is a white form area with several input fields and validation messages.

**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:**

<b>Test Case ID</b>	1.31.3	<b>Test Case Name</b>	Add new alumni – invalid email address – test 3
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.31.4	<b>Test Case Name</b>	Add new alumni – invalid email address – test 4
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when email address is entered with an invalid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.32.1	<b>Test Case Name</b>	Add new alumni – valid email address – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

**Added By:**

**Added Date/Time:**

**Last Updated By:**

**Last Updated Date/Time:**

<b>Test Case ID</b>	1.32.2	<b>Test Case Name</b>	Add new alumni – valid email address – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.32.3	<b>Test Case Name</b>	Add new alumni – valid email address – test 3
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.32.4	<b>Test Case Name</b>	Add new alumni – valid email address – test 4
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are not displayed as expected when email address is entered with a valid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
<b>2</b>	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
<b>3</b>	Select the <b>New Record</b> icon	Alumni detail form is displayed	Pass	
<b>4</b>	Enter test data (email address: test_1.test@test.com)	Fields populated with data as expected	Pass	
<b>5</b>	Select the <b>Save</b> button	Validation errors not displayed for field	Pass	
<b>6</b>	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.	
<b>Mailing Address</b>		<b>Telephone Number/Email</b>	
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:	<b>Last Updated By:</b>		
Added Date/Time:	<b>Last Updated Date/Time:</b>		

<b>Test Case ID</b>	1.33	<b>Test Case Name</b>	Add new alumni – invalid zip code
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/10/2020
<b>Description</b>	Test to ensure validation errors are displayed as expected when zip code is entered with a valid format		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

<b>Test Case ID</b>	1.34.1	<b>Test Case Name</b>	Add new alumni – valid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

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

#### Post-conditions

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

3. Record is committed

The screenshot shows a Windows application window with a dark red header bar containing three icons: a trash can, a floppy disk, and a close button. Below the header, there are several input fields for a contact record:

Last Name:	Shroud	First Name:	Scott
Mailing Address		Telephone Number/Email	
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:		



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

<b>Test Case ID</b>	1.34.2	<b>Test Case Name</b>	Add new alumni – valid data – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>New Record</b> 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 <b>Save</b> button	Validation errors not displayed for fields	Pass	
6	<b>Check post-condition 1</b>		Pass	
7.	<b>Check post-condition 2</b>		Pass	
8.	<b>Check post-condition 3</b>		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 contact form with the following fields:

Last Name:	Shroud	First Name:	Scott
Mailing Address		Telephone Number/Email	
Street Address:	101 Main St.	Telephone Number:	<input type="text"/>
City:	New Albany	E-mail Address:	<input type="text"/>
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

Date/Time

Last Updated By

Date/Time

Actions

<b>Test Case ID</b>	1.34.3	<b>Test Case Name</b>	Add new alumni – valid data – test 3
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>New Record</b> 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 <b>Save</b> button	Validation errors not displayed for fields	Pass	
6	<b>Check post-condition 1</b>		Pass	
7.	<b>Check post-condition 2</b>		Pass	
8.	<b>Check post-condition 3</b>		Pass	

#### Post-conditions

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



**Last Name:** Shrout

**First Name:** Scott

**Mailing Address**

**Street Address:**

**Telephone Number/Email**

**Telephone Number:** (555) 555-5555

**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:

(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

<b>Test Case ID</b>	1.34.4	<b>Test Case Name</b>	Add new alumni – valid data – test 4
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed, save message is displayed, and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>New Record</b> 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 <b>Save</b> button	Validation errors not displayed for fields	Pass	
6	<b>Check post-condition 1</b>		Pass	
7.	<b>Check post-condition 2</b>		Pass	
8.	<b>Check post-condition 3</b>		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
<b>Mailing Address</b>		<b>Telephone Number/Email</b>	
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	
<b>Mailing Address</b>		<b>Telephone Number/Email</b>		
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

<b>Test Case ID</b>	1.35.1	<b>Test Case Name</b>	Add new alumni – degree record – missing/invalid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

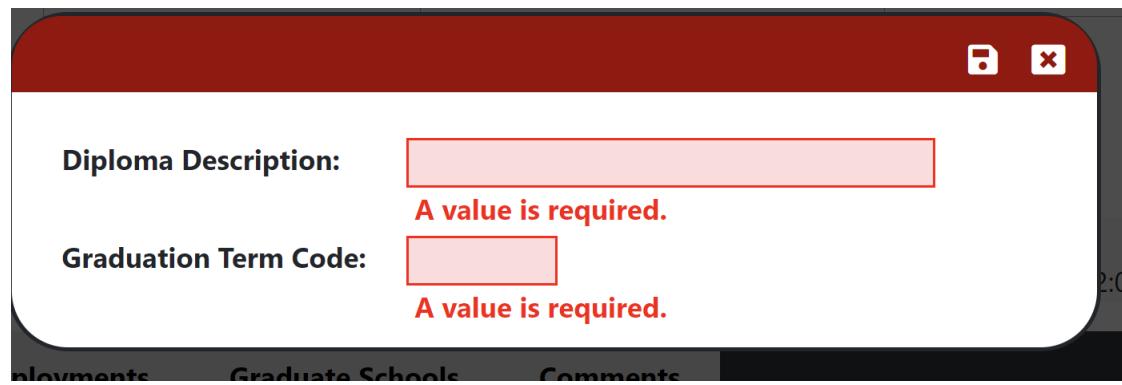
Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Degrees</b> tab	The degree information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	Validation errors are displayed	Pass	
8.	<b>Check post-condition 1</b>		Pass	

#### Post-conditions

1. Validation errors displayed for fields as expected



<b>Test Case ID</b>	1.35.2	<b>Test Case Name</b>	Add new alumni – degree record – missing/invalid data – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

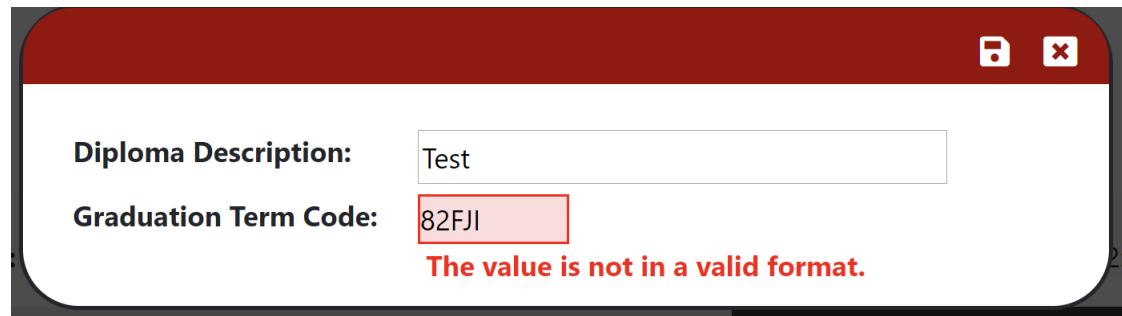
Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Degrees</b> tab	The degree information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	Validation errors are displayed	Pass	
8.	<b>Check post-condition 1</b>		Pass	

#### Post-conditions

1. Validation errors displayed for fields as expected



<b>Test Case ID</b>	1.36	<b>Test Case Name</b>	Add new alumni – degree record – valid data
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

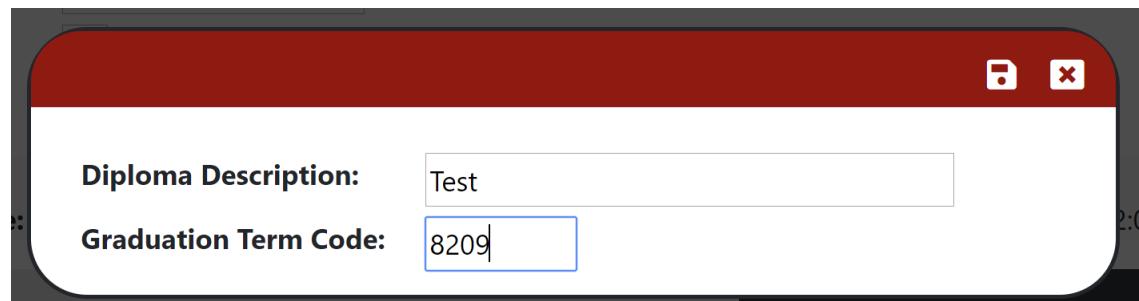
#### Steps

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

#### Post-conditions

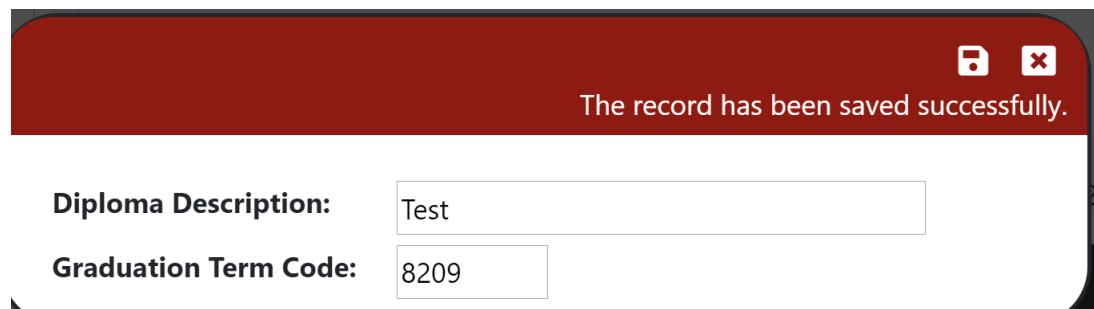
1. Validation errors not displayed for fields
2. Save message is displayed

3. Record is committed



Diploma Description:

Graduation Term Code:



The record has been saved successfully.

Diploma Description:

Graduation Term Code:

<b>Test Case ID</b>	1.37.1	<b>Test Case Name</b>	Add new alumni – employer record – missing/invalid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Employers</b> tab	The employer information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	Validation errors are displayed	Pass	
8.	<b>Check post-condition 1</b>		Pass	

#### Post-conditions

1. Validation errors displayed for fields as expected

A screenshot of a software application window with a dark red header bar containing icons for file and close. Below the header are three input fields: "Employer" (dropdown menu), "Role Title" (text input field), and "Active Employment" (checkbox). The "Employer" field has a blue border.

**Employer:**

**Role Title**

**Active Employment:**

A screenshot of the same software application window, but the "Employer" field now has a red border and contains the text "A value is required." in red, indicating it is a required field.

**Employer:**   
A value is required.

**Role Title**

**Active Employment:**

<b>Test Case ID</b>	1.38.1	<b>Test Case Name</b>	Add new alumni – employer record – valid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Employer</b> tab	The employer information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	No validation errors occur, record is saved, save message displayed	Pass	
8.	<b>Check post condition 1</b>		Pass	
9	<b>Check post condition 2</b>		Pass	
10	<b>Check post condition 3</b>		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 application interface. At the top, there is a red header bar with a close button (X) and a save/refresh icon. Below the header, the form fields are displayed:

- Employer:** A dropdown menu containing "Humana, Louisville, KY" with a downward arrow icon.
- Role Title**: An empty input field.
- Active Employment:** A checked checkbox.

An error message "A value is required." is displayed in red text 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 application interface. The form fields are identical to the previous screenshot:

- Employer:** A dropdown menu containing "Humana, Louisville, KY" with a downward arrow icon.
- Role Title**: An empty input field.
- Active Employment:** A checked checkbox.

The message "The record has been saved successfully." is displayed in white text on a dark background at the top of the page.

<b>Test Case ID</b>	1.38.2	<b>Test Case Name</b>	Add new alumni – employer record – valid data – test 2
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Employer</b> tab	The employer information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	No validation errors occur, record is saved, save message displayed	Pass	
8.	<b>Check post condition 1</b>		Pass	
9	<b>Check post condition 2</b>		Pass	
10	<b>Check post condition 3</b>		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 red header bar containing icons for saving and closing. Below the header, there are three input fields:

- Employer:** A dropdown menu set to "Humana, Louisville, KY".
- Role Title:** An input field containing the text "Test".
- Active Employment:** A checkbox that is unchecked.

The screenshot shows the same software application window after the record has been saved. The red header bar now displays the message "The record has been saved successfully." The form fields remain the same as in the previous screenshot.

<b>Test Case ID</b>	1.38.3	<b>Test Case Name</b>	Add new alumni – employer record – valid data
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Employer</b> tab	The employer information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	No validation errors occur, record is saved, save message displayed	Pass	
8.	<b>Check post condition 1</b>		Pass	
9	<b>Check post condition 2</b>		Pass	
10	<b>Check post condition 3</b>		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 circle with a black outline. Below the header, the main content area has a white background. On the left side, there are three labels in bold black font: "Employer:", "Role Title", and "Active Employment:". To the right of each label is a corresponding input field. The "Employer:" field contains the text "Humana, Louisville, KY" and has a small downward arrow icon at its right end. The "Role Title" field is empty. The "Active Employment:" field contains a checked checkbox, indicated by a blue square with a white checkmark.

A screenshot of the same software application window as the one above, but with a different state. The red header bar is still present at the top. In the main content area, a message "The record has been saved successfully." is displayed in white text against a dark red background. Below this message, the form fields are identical to the first screenshot: "Employer:" set to "Humana, Louisville, KY", "Role Title" empty, and "Active Employment:" with a checked checkbox.

<b>Test Case ID</b>	1.38.4	<b>Test Case Name</b>	Add new alumni – employer record – valid data
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Employer</b> tab	The employer information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	No validation errors occur, record is saved, save message displayed	Pass	
8.	<b>Check post condition 1</b>		Pass	
9	<b>Check post condition 2</b>		Pass	
10	<b>Check post condition 3</b>		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 right are icons for saving (disk) and closing (X). Below them is a red header bar. The main area contains three form fields: "Employer" with a dropdown menu showing "Humana, Louisville, KY", "Role Title" with the value "Test", and "Active Employment:" with a checked checkbox.

A screenshot of the same software application window after a save operation. The red header bar now displays the message "The record has been saved successfully." The form fields remain the same as in the previous screenshot.

<b>Test Case ID</b>	1.39	<b>Test Case Name</b>	Add new alumni – graduate school record – missing/invalid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Graduate School</b> tab	The graduate school information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	Validation errors are displayed	Pass	
8.	<b>Check post-condition 1</b>		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. In the bottom screenshot, the dropdown menu is also open, but its background is highlighted in red, and the text "A value is required." is displayed below it in red.

Graduate School:

Graduate School:

A value is required.

<b>Test Case ID</b>	1.40	<b>Test Case Name</b>	Add new alumni – graduate school record – valid data
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

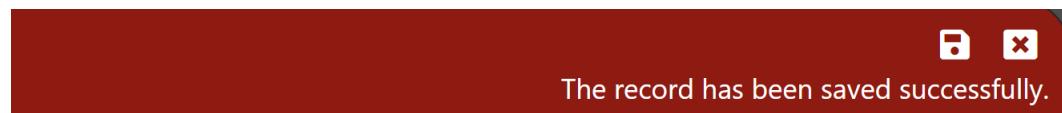
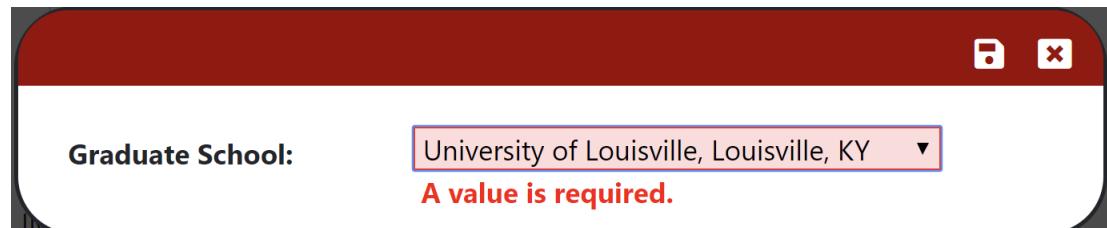
<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
1	Select <b>Records</b> in main navigation	Records submenu is displayed	Pass	
2	Select <b>Alumni</b> from records submenu	Alumni component/list is displayed	Pass	
3	Select the <b>Edit</b> function for an existing alumni	Alumni detail form is displayed	Pass	
4	Select the <b>Graduate School</b> tab	The graduate school information is displayed	Pass	
5	Select the <b>New Record</b> 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 <b>Save</b> option	No validation errors occur, record is saved, save message displayed	Pass	
8.	<b>Check post condition 1</b>		Pass	
9	<b>Check post condition 2</b>		Pass	
10	<b>Check post condition 3</b>		Pass	

#### Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed



<b>Test Case ID</b>	1.41	<b>Test Case Name</b>	Add new alumni – comment record – missing/invalid data – test 1
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are displayed and record is not committed when not all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

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

<b>Test Case ID</b>	1.42	<b>Test Case Name</b>	Add new alumni – comment record – valid data
<b>System</b>	User Interface	<b>Subsystem</b>	Records-Alumni
<b>Designed by</b>	S. Shrout	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	S. Shrout	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure validation errors are not displayed and record is committed when all data is valid		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Application is available and running; alumni is existing

#### Steps

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

#### Post-conditions

1. Validation errors not displayed for fields

2. Save message is displayed

3. Record is committed





The record has been saved successfully.

**Comment:**

Test

## 4.1 Manual Unit Test Cases

<b>Test Case ID</b>	4.1.1	<b>Test Case Name</b>	Login – username does not exist
<b>System</b>	Authentication	<b>Subsystem</b>	Users
<b>Designed by</b>	Anthony Freitas	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	Anthony Freitas	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure entering a username that does not exist in the database returns an error		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

### Pre-conditions

Submitted username does not exist in database; application is available and running

### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Navigate to the <b>Login</b> page	Login page displayed	Pass	
<b>2</b>	Enter test data: Username: doesnotexist Password: doesnotexist	Username and password fields display entered data	Pass	
<b>3</b>	Select the <b>Login</b> button	Returns an error	Pass	
<b>4</b>	Check post-condition 1		Pass	

### Post-conditions

1. “User does not exist” error message is returned

<b>Test Case ID</b>	4.1.2	<b>Test Case Name</b>	Authentication – incorrect password
<b>System</b>	Authentication	<b>Subsystem</b>	Users
<b>Designed by</b>	Anthony Freitas	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	Anthony Freitas	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure entering an existing username with an incorrect password returns an error		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Submitted username exists in database; application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Navigate to the <b>Login</b> page	Login page displayed	Pass	
<b>2</b>	Enter test data: Username: username Password: incorrect	Username and password fields display entered data	Pass	
<b>3</b>	Select the <b>Login</b> button	Returns an error	Pass	
<b>4</b>	Check post-condition 1		Pass	

#### Post-conditions

1. “Incorrect password” error message is returned

<b>Test Case ID</b>	4.1.3	<b>Test Case Name</b>	Authentication – correct login
<b>System</b>	Authentication	<b>Subsystem</b>	Users
<b>Designed by</b>	Anthony Freitas	<b>Design Date</b>	12/2019 – 2/2020
<b>Executed by</b>	Anthony Freitas	<b>Execution Date</b>	2/12/2020
<b>Description</b>	Test to ensure entering an existing username with a correct password navigates to the main application page		
<b>Test Result</b>	Pass	<b>Corrective Action(s)</b>	

#### Pre-conditions

Submitted username exists in database; application is available and running

#### Steps

<b>Step</b>	<b>Action</b>	<b>Expected Behavior</b>	<b>Pass/Fail</b>	<b>Comments</b>
<b>1</b>	Navigate to the <b>Login</b> page	Login page displayed	Pass	
<b>2</b>	Enter test data: Username: username Password: password	Username and password fields display entered data	Pass	
<b>3</b>	Select the <b>Login</b> button	Redirect to the main application page	Pass	
<b>4</b>	Check post-condition 1		Pass	

#### Post-conditions

1. Main application page is displayed