

ellucian  
LIVE | 2017

# Automating Web for Admissions Push

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Automating Web for Admissions Push |  
University of Illinois System

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98991



# Disclaimer

The views and opinions in this presentation are those of the presenter and do not necessarily reflect the position of Ellucian.

# Agenda

- 1 Automating SARETMT

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- 2 Business Process

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- 3 Defects

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- 4 Duplicate Application and Common Matching Rules

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- 5 Suspense and Verification Errors

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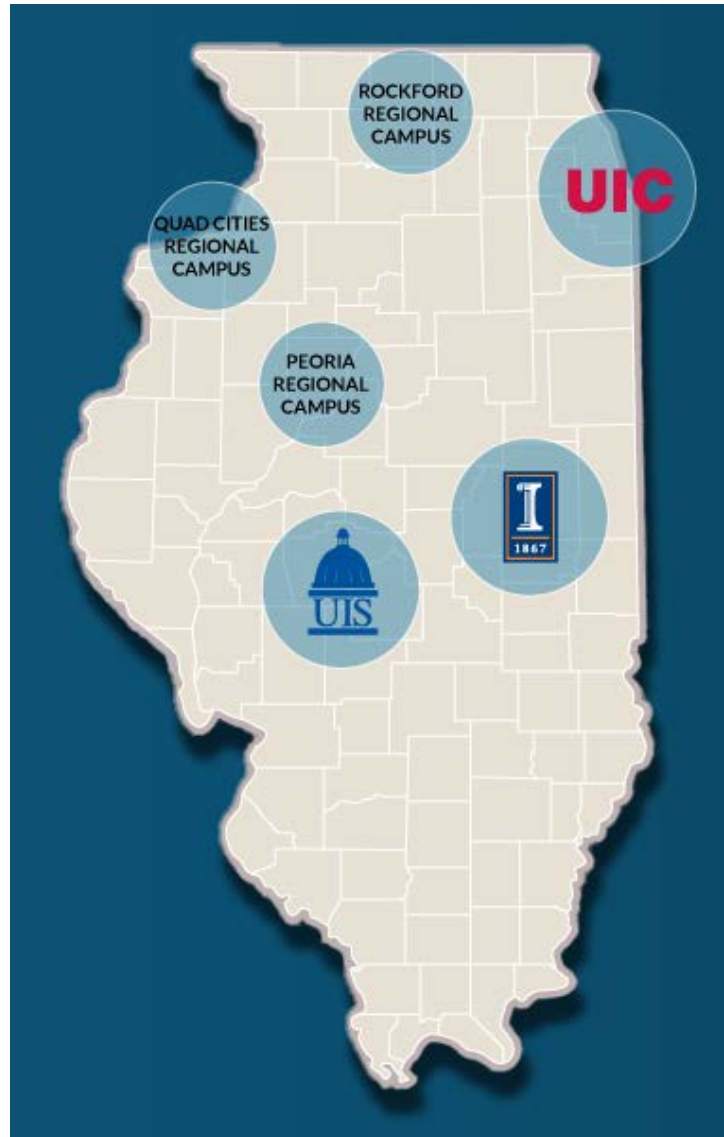
# Introduction

- **Show best practices**
- **Geared towards new users of SARETMT**
- **Save your institution time**

# Background



# University of Illinois System



# Counts

- **Student Enrollment**

Campus	Enrollment
Chicago	29,120
Springfield	5,428
Urbana	46,951
<b>Total</b>	<b>81,499</b>

- **Web Applications**

Admission Year	Web Apps
2013-2014	123,487
2014-2015	127,617
2015-2016	127,211

# Statistics and Dates

- **Recruiting went live in Sept 2002**
- **Web for Admissions went live Dec 2002**
- **2.8 million SPRIDEN records**



# Automating SARETMT



# SARETMT

- **Banner delivered batch process**
  - Elec. App. Verify/Load Process
- **Three step process**
  - Person Match
  - Verify Application
  - Load Application
- **Process apps by**
  - Application Type
  - Term Code
  - Date Range

# SARETMT

- **Possible Outcomes**
  - Matched, verified, and pushed successfully
  - Placed into suspense
  - Failed verification or push process
- **Matching Algorithm**
  - SRRSRIN (Electronic Prospect Match Process)
  - GOAMTCH (Common Matching Form)
- **Run SARETMT**
  - Job Sub (GJAPCTL)
  - Scheduling tool

# SARETMT Parameters

#	Parameter	Optional/ Required	Multiple/ Single	Valid Values
01	Interface code w/match rules	R	S	STVINFC code
02	Application Source	O	M	STVAPLS code
03	Application Type	O	M	STVWAPP code
04	Start Date Range	O	S	DD-MM-YYYY
05	End Date Range	O	S	DD-MM-YYYY
06	Term Code	O	M	STVTERM code
07	Override App. Status Ind.	R	S	Y or N
08	Override App. Accept Ind.	R	S	Y or N

# SARETMT Parameters

#	Parameter	Optional/ Required	Multiple/ Single	Valid Values
09	Use Gen. ID, SSN or Web ID	R	S	G, S or E
10	Print Detail/Summary or Errors	R	S	D, S or E
11	Audit or Update	R	S	A or U
12	Create Recruit records Y or N	R	S	Y or N
13	Source code for Recruit record	O	S	STVSBGI code

# Automating SARETMT

Oracle Fusion Middleware Forms Services: Open > GJAPCTL

File Edit Options Block Item Record Query Tools Help

Process Submission Controls GJAPCTL 8.8 (BANDEV) (1UIUC)

Process: SARETMT Elec. App. Verify/Load Process Parameter Set:

**Printer Control**

Printer: DATABASE Special Print: Lines: 55 Submit Time:

**Parameter Values**

Number	Parameters	Values
01	Interface code w/match rules.	WAPP
02	Application Source	WEB
03	Application Type	H1
04	Start Date Range	01-JAN-2016
05	End Date Range	13-JAN-2017
06	Term Code	220178
07	Override App. Status Ind.	Y
08	Override App. Accept Ind.	Y

LENGTH: 1 TYPE: Character O/R: Required M/S: Single  
Enter Override Application Accept Indicator

**Submission**

Save Parameter Set as Name: Description:  Hold  Submit

Record: 8/? ... List of Valu... <OSC>

# Automating SARETMT

Oracle Fusion Middleware Forms Services: Open > GJAPCTL

File Edit Options Block Item Record Query Tools Help

Process Submission Controls GJAPCTL 8.8 (BANDEV) (1UIUC)

Process: SARETMT Elec. App. Verify/Load Process Parameter Set:

**Printer Control**

Printer: Special Print: Lines: 55 Submit Time:

**Parameter Values**

Number	Parameters	Values
06	Term Code	220178
07	Override App. Status Ind.	Y
08	Override App. Accept Ind.	Y
09	Use Gen. ID, SSN or Web ID	G
10	Print Detail/Summary or Errors	D
11	Audit or Update	U
12	Create Recruit records Y or N	N
13	Source code for Recruit record	W00001

LENGTH: 1 TYPE: Character O/R: Required M/S: Single  
Enter Override Application Accept Indicator

**Submission**

Save Parameter Set as Name: Description:  Hold  Submit

Record: 8/13 | ... | List of Valu... | <OSC>

# Automating SARETMT

Oracle Fusion Middleware Forms Services: Open > GJAPCTL

File Edit Options Block Item Record Query Tools Help

ORACLE

Process Submission Controls GJAPCTL 8.8 (BANDEV) (1UIUC)

Process: SARETMT Elec. App. Verify/Load Process Parameter Set:

---

**Printer Control**

Printer: DATABASE Special Print: Lines: 55 Submit Time:

---

**Parameter Values**

Number	Parameters	Values
06	Term Code	220178
07	Override App. Status Ind.	Y
08	Override App. Accept Ind.	Y
09	Use Gen. ID, SSN or Web ID	G
10	Print Detail/Summary or Errors	D
11	Audit or Update	U
12	Create Recruit records Y or N	N
13	Source code for Recruit record	W00001

---

**Submission**

Save Parameter Set as Name: 2UGD Description: UIC Undergrad  Hold  Submit

Parameter Set Description; long description associated with the Parameter Set Name.

Record: 1/1 <OSC>



# Automating SARETMT

Oracle Fusion Middleware Forms Services: Open > GJAPCTL

File Edit Options Block Item Record Query Tools Help

Process:  Elec. App. Verify/Load Process Parameter Set:

Printer Control

Printer:  Special Print:  Lines:  Submit Time:

Parameter Values

Number	Parameters	Values
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>

Submission

Save Parameter Set as Name:  Description:   Hold  Submit

Log file: saremt\_12275763.log List file: saremt\_12275763.lis

# Automating SARETMT

The screenshot displays the Automagic V9 Applications Manager interface. The main window is titled "Process Flows: SADM2\_CA\_WEBAPP\_CHN". The left sidebar shows a tree view of process flows, with "RA2\_CA\_SARETMT" selected and highlighted in blue. The main area shows the configuration for this process flow, with tabs for General, Output, Prompts, Predecessors, Conditions, and Documentation. The "Prompts" tab is active, displaying a table of prompts.

#	Description	Default	Value	Re...
1	Interface code w/match rules.	WAPP	WAPP	Y
2	Application Source	%	WEB	N
3	Application Type	%	H1~H2~H3	N
4	Start Date Range	01-JAN-2000	01-AUG-2014	N
5	End Date Range	#ban_today		N
6	Term Code		{#SADM2_CA_TERM_SPRING}~{#SAD...	N
7	Override App. Status Ind.	Y	Y	Y
8	Override App. Accept Ind.	Y	Y	Y
9	Use Gen. ID, SSN or Web ID	G	G	Y
10	Print Detail/Summary or Errors	D	D	Y
11	Audit or Update	U	U	Y
12	Create Recruit records Y or N	Y	N	Y
13	Source code for Recruit record	W00001	WCA001	N

At the bottom of the window, there are buttons for "OK", "Apply", "Cancel", and "Help". The status bar at the very bottom shows "Explorer" and "SADM2\_CA\_WEBAPP\_CHN".

# SARETMT lis file

18-JAN-2017 06:41:04 PM

University of Illinois  
Electronic Applicant Verify/Load Process

PAGE 1  
SARETMT

## COMPARISON PROCESSING

Interface Type: WAPP  
Report Print: DETAILS  
Process Date: 18-JAN-2017

ID	NAME	TERM	APP NO	SOURCE	TYPE	ADD DATE	STATUS	SPRIDEN ID	PROC IND
*** CURRICULUM ***				*** FIELDS IN ERROR ***					
Ali334	Abid, Ali Raza		220178 1	WEB	H1	17-JAN-2017	N/A	657763034	V Push Err
	Economics BA LAS								
TashCar	Carter, Tasha A		220178 1	WEB	H1	18-JAN-2017	MATCH	@03787880	P Pushed
	Kinesiology-Undeclared NONE AHS								
Prisc99	Adobah, Priscilla T		220178 1	WEB	H1	18-JAN-2017	NEW	@03801073	P Pushed
	Undecided Major NONE LAS								

# SARETMT lis file

\* \* \* REPORT CONTROL INFORMATION - SARETMT - Release 8.5.0.1 \* \* \*

Report Name.....: SARETMT  
Match Interface Type...: WAPP  
Source(s).....: WEB  
Application Types(s).....: H1 H2 H3  
Start Date.....: 01-AUG-2014  
End Date.....: 18-JAN-2017  
Terms Used.....: 220171 220175 220178  
Override App. Status Ind.: Y  
Override App. Accept Ind.: Y  
SSN or Generated ID....: G  
Report Print.....: D  
Audit/Update Mode....: U  
Create Recruit.....: Y  
Recruit Source .....: W00001  
RECORDS READ COUNT...: 92 ←

# SARETMT lis file

## REPORT COUNTS:

Suspend.....: 16 ←

Match Errors.....: 0

New Persons.....: 24 ←

Matched Persons.....: 38

Total Processed through  
..Match Process.....: 78

Total Held.....: 0

Total Verified.....: 81

Total Verify Errors.....: 3 ←

Total Pushed.....: 66 ←

Total Push Errors.....: 7

# Business Process



# Business Process

- **Run SARETMT through AppWorx (now Application Manager)**
- **Schedule SARETMT**
  - 365 days a year
  - Multiple runs
- **Post log/lis files in a reporting environment**

# Business Process

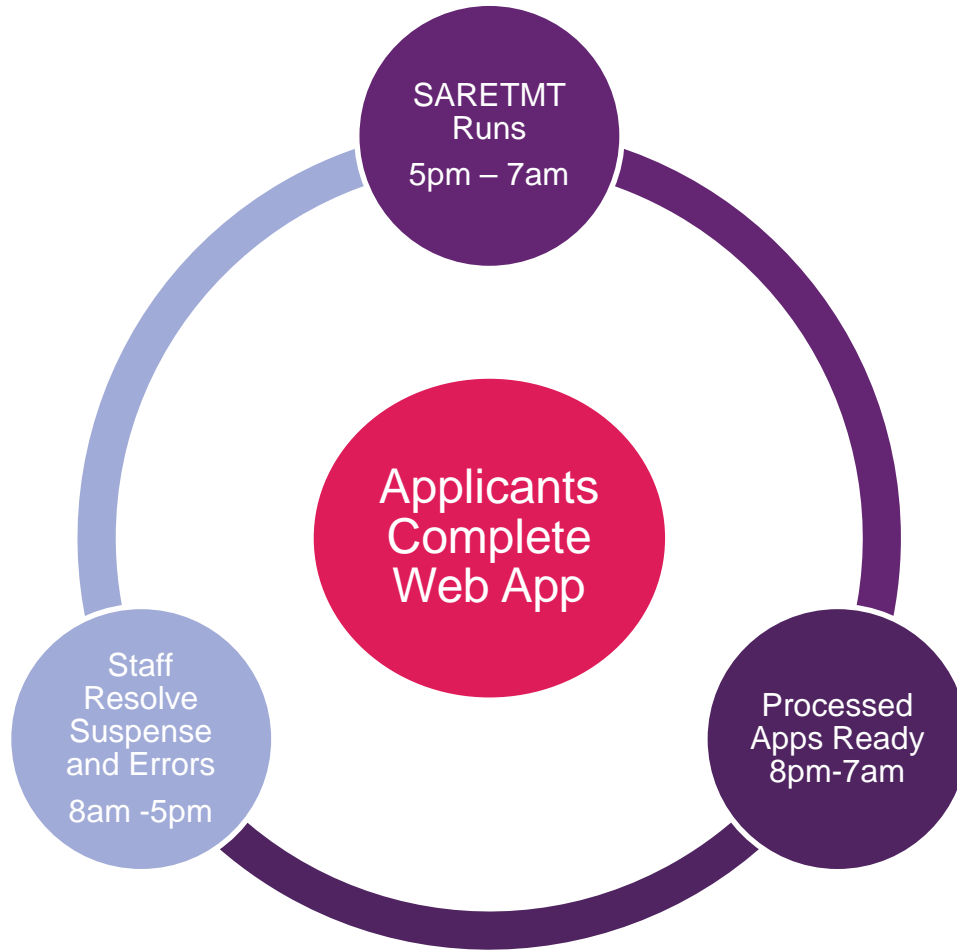
- **Master web push chain**
  - Runs daily in update mode
  - Campus specific chains
  - Multiple SARETMT components
  - Contains scripts
    - Email copy
    - Update E Apps



# Business Process

- **External System push chains**
  - ApplyYourself, Common Application, and Slate
  - Campus/ExternalSystem specific
  - Multiple SARETMT components
  - Contains scripts
    - Email copy
    - Update E Apps

# Business Process



# Business Process

- **Applicant creates and completes a web application**
- **SARETMT runs against completed applications**
- **Web apps are processed**
- **SARETMT log/lis files posted in reporting environment**
- **Admissions offices review web applications on SAAEAPS**
- **Admissions staff resolve web applications that were put into Suspense or Error status by SARETMT**
- **SARETMT processes web applications**

# Defects



# Multiple Recruit Records

- **Web Push creates multiple recruit records for applications in a verification error status**
  - Defect: 1-5SYYZT
  - Issue: Web push will abort if record has 99 recruit records
  - Reported Version: 7.x and 8.x
  - Status: Archived

# Multiple Recruit Records

- **Work Around**
  - Set Prompt 12 to N to not create recruit record
  - Resolve 'V' apps in timely manner
  - Run query to find records approaching 99 limit

# Multiple Recruit Records

- **Abort Error Message**

ORA-06502: PL/SQL: numeric or value error: number precision too large

ORA-06512: at "BANINST1.SB\_RECRUIT", line 50

ORA-06512: at "BANINST1.SB\_RECRUIT", line 503

ORA-06512: at "BANINST1.SAKQADM", line 842

ORA-06512: at line 1

WRN-ORACERR: Error occurred in file "saretmt.pc" at line 1,073

WRN-ERRSTMT: Following statement was last statement parsed:

```
begin sakqadm . p_create_recruit_rows ( aidm_in => :recnum , applno_in  
saretmt terminated with error
```

# Multiple Recruit Records

- **Query to Find Problem Records**

```
select * from srbrecrec
where srbrecrec_admin_seqno > '80'
and srbrecrec_term_code = :P01Term;
```



# Skipping Common Matching

- **SARETMT can skip Common Matching**

- **When Previously Attended? and Previously Applied? are marked No**

- Defect: 1-ESFECO
    - Issue: SARETMT will mark record as new if both questions are responded to with a No and it was marked as suspended
    - Reported Version: 7.4

# Skipping Common Matching

- **Resolution**
  - No defect fix yet
  - Ask only 1 or none of these questions

# Skipping Common Matching

Web Application Section - Data Element Rules SAAWAPP 8.9 (BANDR1) (1UIUC)

Web Section:

Order	Element Code	Element Rules Label	Question Sequence Number	Required	Display
1	FIRST_NAME	First/Given Name		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	MID_NAME	Middle Name		<input type="checkbox"/>	<input checked="" type="checkbox"/>
10	LAST_NAME	Last/Family Name		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	SUFFIX	Suffix		<input type="checkbox"/>	<input checked="" type="checkbox"/>
17	PREFIX	Prefix		<input type="checkbox"/>	<input type="checkbox"/>
20	QUESTION	Question	28	<input type="checkbox"/>	<input checked="" type="checkbox"/>
25	PREV_LAST	Previous Last Name		<input type="checkbox"/>	<input checked="" type="checkbox"/>
26	QUESTION	Question	28	<input type="checkbox"/>	<input checked="" type="checkbox"/>
28	QUESTION	Question	85	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	NICKNAME	DO NOT USE		<input type="checkbox"/>	<input type="checkbox"/>
45	PREV_ATTEND	Have you previously attended any Univ of Illinois 		<input type="checkbox"/>	<input checked="" type="checkbox"/>
60	PREV_APPL	Previous Application?		<input type="checkbox"/>	<input type="checkbox"/>
55	QUESTION	Question	8	<input type="checkbox"/>	<input checked="" type="checkbox"/>
60	QUESTION	Question	2	<input type="checkbox"/>	<input checked="" type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>

# Duplicate Application Rules



# Duplicate Rules

- **Control Duplicate Applications**
  - Level
  - Person
  - Major
  - Term

# Control Forms

- **Set-up Duplicate Application Rules**
  - SAAERUL – Electronic Admissions Application Rules
    - Control globally
  - SAAECRL – Electronic Admissions Procedures/Routines Control
    - Control by application type

Electronic Admissions Application Rules: SAAERUL 8.9 (BANDR1) (1UIUC)

Group:  Admission Rules Copy PREL Group:

Group	Rule Label	Rule Description	Value	EDI Indicator	System Required Indicator	Activity Date
ADMS	DUPLAPPLCURR	Allow Dup App for Curriculum	N	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14-SEP-2002
ADMS	DUPLAPPLLEVEL	Allow Dup App for Level	Y	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14-SEP-2002
ADMS	DUPLAPPLMAJR	Allow Dup App for Major	Y	<input type="checkbox"/>	<input checked="" type="checkbox"/>	05-MAR-2006
ADMS	DUPLAPPLPERS	Allow Dup App for Person	Y	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14-SEP-2002
ADMS	DUPLAPPLTERM	Allow Dup App for Term	Y	<input type="checkbox"/>	<input checked="" type="checkbox"/>	14-SEP-2002
				<input type="checkbox"/>	<input type="checkbox"/>	

# Example 1 – One App Per Term

Electronic Admissions Procedure/Routine Control SAAECRL 8.9 (BANDEV) (1UIUC)

Web Application Type:   Copy Procedure:

### Procedures

Procedure	Description	Required	Override	System Required	Number of Routines
P010	ID Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P020	Name Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P030	Biographic Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	25
P032	International Information	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P035	Residency Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2
P040	Address Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9
P045	Email Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3
P050	Application Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8
P060	Health Conditions Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P070	Phone Record Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3
P080	Religion Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P090	Language Record Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P100	Immunization Record	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P110	Applicant Activities	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2
P120	Entry Curriculum Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7
P130	High School Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8



# Example 1 – One App Per Term

Admissions Verification and Load Routines SAAECRL 8.9 (BANDEV) (1UIUC)

**Application Type:**       **Procedure:**

---

**Routines**

Routine	Description	Required	Override	System Required
R0010	Application Type Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0020	Type Code Resolution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0030	Source Established	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R0050	Application Term Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0060	Dupl Application for Person	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R0070	Dupl Application for Term	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0080	Dupl Application for Level	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R9001	Edit Results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Example 1 – One App Per Term

Admissions Verification and Load Routines SAAECRL 8.9 (BANDEV) (1UIUC)

**Application Type:** Freshman **Procedure:** Entry Curriculum Verification

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**Routines**

Routine	Description	Required	Override	System Required
R0005	Degree Level Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0006	Fld of Stdy Level Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0007	Fld of Stdy Qualifier Estb.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0008	Fld of Stdy Ident. Code Estb.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0009	Banner Equiv. Curriculum Est.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0010	Duplicate Application; Major	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R9001	Record Edit Results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Example 2 – Multiple Apps Per Term

Electronic Admissions Procedure/Routine Control SAAECRL 8.9 (BANDEV) (1UIUC)

Web Application Type: C6 Domestic Graduate Copy Procedure:

### Procedures

Procedure	Description	Required	Override	System Required	Number of Routines
P010	ID Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P020	Name Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P030	Biographic Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	25
P032	International Information	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P035	Residency Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	2
P040	Address Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	9
P045	Email Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3
P050	Application Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	8
P060	Health Conditions Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P070	Phone Record Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	3
P080	Religion Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P090	Language Record Verification	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4
P100	Immunization Record	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P110	Applicant Activities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2
P120	Entry Curriculum Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7
P130	High School Verification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	8

# Example 2 – Multiple Apps Per Term

Admissions Verification and Load Routines SAAECRL 8.9 (BANDEV) (1UIUC)

**Application Type:** Domestic Graduate      **Procedure:** Application Verification

---

### Routines

Routine	Description	Required	Override	System Required
R0010	Application Type Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0020	Type Code Resolution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0030	Source Established	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R0050	Application Term Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0060	Dupl Application for Person	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R0070	Dupl Application for Term	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R0080	Dupl Application for Level	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R9001	Edit Results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Example 2 – Multiple Apps Per Term

Admissions Verification and Load Routines SAAECRL 8.9 (BANDEV) (1UIUC)

**Application Type:** Domestic Graduate      **Procedure:** Entry Curriculum Verification

---

**Routines**

Routine	Description	Required	Override	System Required
R0005	Degree Level Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0006	Fid of Stdy Level Established	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0007	Fid of Stdy Qualifier Estb.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0008	Fid of Stdy Ident. Code Estb.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0009	Banner Equiv. Curriculum Est.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R0010	Duplicate Application; Major	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
R9001	Record Edit Results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

# Common Matching Rules



# Common Matching Rules - GORCMRL

1. Name, DOB, and SSN
2. Name, DOB, and Phone
3. Name, DOB, and Address
4. Name, DOB (nullable), and Email

# Rule #1

**Rule Set**

**Priority**  **Description**  **User ID**  **Activity Date**

**Rule Set Comment**

**Create Comments from Matching Rules**
**Insert Core Matching Elements**

---

Matching Rules (5)
Copy To (0)
Matching Procedures (0)

Column	Element	Length	Match on Null Data	User ID	Activity Date
<input type="text" value="SPBPERS_BIRTH_DATE"/>	<input type="text" value="BIRTH DATE"/>	<input type="text" value="8"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPBPERS_SSN"/>	<input type="text" value="SSN/SIN/TIN"/>	<input type="text" value="9"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="20-DEC-2005"/>
<input type="text" value="SPRIDEN_SEARCH_FIRST_NAME"/>	<input type="text" value="FIRST NAME"/>	<input type="text" value="15"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_LAST_NAME"/>	<input type="text" value="LAST NAME/NON-PERSON NAME"/>	<input type="text" value="60"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_MI"/>	<input type="text" value="MIDDLE NAME"/>	<input type="text" value="1"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="27-AUG-2013"/>
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="radio"/> Yes <input type="radio"/> No	<input type="text" value=""/>	<input type="text" value=""/>



# Rule #2

**Rule Set**

Priority:  Description:  User ID:  Activity Date:

Rule Set Comment:

---

Matching Rules (6) | Copy To (0) | Matching Procedures (0)

Column	Element	Length	Match on Null Data	User ID	Activity Date
<input type="text" value="SPBPERS_BIRTH_DATE"/>	<input type="text" value="BIRTH DATE"/>	<input type="text" value="8"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPBPERS_SSN"/>	<input type="text" value="SSN/SIN/TIN"/>	<input type="text" value="15"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPRIDEN_SEARCH_FIRST_NAME"/>	<input type="text" value="FIRST NAME"/>	<input type="text" value="15"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_LAST_NAME"/>	<input type="text" value="LAST NAME/NON-PERSON NAME"/>	<input type="text" value="60"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_MI"/>	<input type="text" value="MIDDLE NAME"/>	<input type="text" value="1"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="27-AUG-2013"/>
<input type="text" value="SPRTELE_PHONE_NUMBER"/>	<input type="text" value="TELEPHONE NUMBER"/>	<input type="text" value="7"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="radio"/> Yes <input type="radio"/> No	<input type="text"/>	<input type="text"/>

# Rule #3

**Rule Set**

**Priority**  **Description**  **User ID**  **Activity Date**

**Rule Set Comment**

---

Matching Rules (6)
Copy To (0)
Matching Procedures (0)

Column	Element	Length	Match on Null Data	User ID	Activity Date
<input type="text" value="SPBPERS_BIRTH_DATE"/>	<input type="text" value="BIRTH DATE"/>	<input type="text" value="8"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPBPERS_SSN"/>	<input type="text" value="SSN/SIN/TIN"/>	<input type="text" value="15"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPRADDR_STREET_LINE1"/>	<input type="text" value="STREET LINE 1"/>	<input type="text" value="75"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPRIDEN_SEARCH_FIRST_NAME"/>	<input type="text" value="FIRST NAME"/>	<input type="text" value="15"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_LAST_NAME"/>	<input type="text" value="LAST NAME/NON-PERSON NAME"/>	<input type="text" value="60"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="09-AUG-2007"/>
<input type="text" value="SPRIDEN_SEARCH_MI"/>	<input type="text" value="MIDDLE NAME"/>	<input type="text" value="1"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="27-AUG-2013"/>
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="radio"/> Yes <input type="radio"/> No	<input type="text" value=""/>	<input type="text" value=""/>

# Rule #4

### Rule Set

<b>Priority</b>	<b>Description</b>	<b>User ID</b>	<b>Activity Date</b>
<input type="text" value="5"/>	<input type="text" value="Name, DOB (nullable), Email"/>	<input type="text" value="SFAGAN"/>	<input type="text" value="15-MAR-2013"/>
<b>Rule Set Comment</b>			

Create Comments from Matching Rules
 Insert Core Matching Elements

---

Matching Rules (6)
Copy To (0)
Matching Procedures (0)

Column	Element	Length	Match on Null Data	User ID	Activity Date
<input type="text" value="GOREMAL_EMAIL_ADDRESS"/>	<input type="text" value="EMAIL"/>	<input type="text" value="60"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="15-MAR-2013"/>
<input type="text" value="SPBPERS_BIRTH_DATE"/>	<input type="text" value="BIRTH DATE"/>	<input type="text" value="8"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPBPERS_SSN"/>	<input type="text" value="SSN/SIN/TIN"/>	<input type="text" value="15"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SNEIL"/>	<input type="text" value="16-AUG-2016"/>
<input type="text" value="SPRIDEN_SEARCH_FIRST_NAME"/>	<input type="text" value="FIRST NAME"/>	<input type="text" value="15"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="15-MAR-2013"/>
<input type="text" value="SPRIDEN_SEARCH_LAST_NAME"/>	<input type="text" value="LAST NAME/NON-PERSON NAME"/>	<input type="text" value="60"/>	<input type="radio"/> Yes <input checked="" type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="15-MAR-2013"/>
<input type="text" value="SPRIDEN_SEARCH_MI"/>	<input type="text" value="MIDDLE NAME"/>	<input type="text" value="1"/>	<input checked="" type="radio"/> Yes <input type="radio"/> No	<input type="text" value="SFAGAN"/>	<input type="text" value="27-AUG-2013"/>
<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="radio"/> Yes <input type="radio"/> No	<input type="text" value=""/>	<input type="text" value=""/>

# Common Matching Rules

- **Fine tune rules to reflect the data**
- **Evaluate purging old recruit records**
- **No rules are perfect**

# Suspended Applications



# Locate Suspended Records

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:   Record Type:  Add Date:

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Banner ID:	<input type="text"/>	Term: 220178	Source:	<input type="text"/>	Add Date:	<input type="text"/>
Accepted Indicator:	<input type="checkbox"/>	Process:	<input type="text"/>	<input type="checkbox"/>	Process Date:	<input type="text"/>
Street Line 1:	<input type="text"/>	City:	State:	<input type="text"/>	Zipcode:	Nation:
E-mail Address:	<input type="text"/>	Person Status: S	Application Status:	<input type="text"/>	<input type="text"/>	<input type="text"/>

# Locate Suspended Records

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:  Record Type:  Add Date:

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
Erntest15	Morency, Emily		1	N Non-Student	CS	<input checked="" type="checkbox"/>
<b>Banner ID:</b>	<b>Term:</b> 220178		<b>Source:</b> WEB		<b>Add Date:</b> 01-FEB-2017	
<b>Accepted Indicator:</b> U Unknown	<b>Process:</b> N Not Verified				<b>Process Date:</b>	
<b>Street Line 1:</b> 401 W Washington St	<b>City:</b> Urbana	<b>State:</b> IL	<b>Zipcode:</b> 61801-4048		<b>Nation:</b>	
<b>E-mail Address:</b> skramp@uillinois.edu	<b>Person Status:</b> S Suspense		<b>Application Status:</b> N		<input type="text" value="Not Processed"/>	

# Resolve Suspended Record

Common Matching Entry GOAMTCH 8.6 [UI\_9019\_1\_GEN80700-CLN-AIDEN] (BANDEV) (2UIC) View Comments

ID:  **Generate ID** **Matching Source:**   Student Common Matching Source

---

**Data Entry**

**Last Name:**

**First Name:**

**Middle Name:**

**Address Type:**

**Street Line 1:**

**Street Line 2:**

**Street Line 3:**

**City:**

**State or Province:**   Illinois

**ZIP or Postal Code:**    **Override**

**County:**   Champaign

**Nation:**

**Non-Person Name:**

**SSN/SIN/TIN:**

**Birth Date:** Day:  Month:  Year:  **Gender:**

**Telephone Type:**

**Telephone:**

**E-mail Type:**

**E-mail:**

**Additional ID Type:**

**Additional ID:**

---

**Duplicate Check** **Details**

**Select ID** **Update ID**

**View Comments**

**Create New**

---

ID ▲	Name ▼	SSN/SIN/TIN	Birth Date	Gender	Matched or Hierarchical Address	Telephone	E-mail
@03795465	Morency, Emily		01-JUN-1997	F	MA=408 W Elm St Apt 2 Urbana IL 61801	No Matches	No Matches
@03795466	Morency, Emily		01-JUN-1997	F	MA=801 W Clark St Urbana IL 61801-2517	No Matches	No Matches

**Additional ID:**

**Clear and Return to Data Entry**

**Matching Rule Sets**

**All Addresses**

**All Telephones**

**All E-mails**



# Person Status Resolved

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:  Record Type: N Add Date:

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
Emtest15	Morency, Emily		1	N Non-Student	C6	<input checked="" type="checkbox"/>

**Banner ID:** @03795468 **Term:** 220178 **Source:** WEB **Add Date:** 01-FEB-2017

**Accepted Indicator:** U Unknown **Process:** N Not Verified **Process Date:**

**Street Line 1:** 401 W Washington St **City:** Urbana **State:** IL **Zipcode:** 61801-4049 **Nation:**

**E-mail Address:** skramp@uillinois.edu **Person Status:** Y Yes **Application Status:** Y  Process Complete

# Verification Errors



# Resolving Verification Errors

- **SARETMT marks records with V or E if verification errors or data errors exist**
  - (E) Verified, Errors Encountered - Verification errors exist
  - (V) Verification Complete - Data verified but push did not complete
  - (P) Application Pushed - Web app successfully verified and pushed

# Resolving Verification Errors

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:  Record Type:  Add Date:

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Banner ID:	<input type="text"/>	Term: <input type="text" value="420175"/>	Source: <input type="text"/>	Add Date: <input type="text"/>		
Accepted Indicator:	<input type="checkbox"/>	Process: <input type="text" value="V"/>		Process Date: <input type="text"/>		
Street Line 1:	City: <input type="text"/>	State: <input type="text"/>	Zipcode: <input type="text"/>	Nation: <input type="text"/>		
E-mail Address:	Person Status: <input type="checkbox"/>	Application Status: <input type="checkbox"/>				
<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Banner ID:	<input type="text"/>	Term: <input type="text"/>	Source: <input type="text"/>	Add Date: <input type="text"/>		
Accepted Indicator:	<input type="checkbox"/>	Process: <input type="text"/>		Process Date: <input type="text"/>		
Street Line 1:	City: <input type="text"/>	State: <input type="text"/>	Zipcode: <input type="text"/>	Nation: <input type="text"/>		
E-mail Address:	Person Status: <input type="checkbox"/>	Application Status: <input type="checkbox"/>				

# Resolving Verification Errors

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:  Record Type:  Add Date:

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
Emtest15	Morency, Emily		2	N Non-Student	SO	<input checked="" type="checkbox"/>

**Banner ID:** 650177785 **Term:** 420175 **Source:** WEB **Add Date:** 02-FEB-2017  
**Accepted Indicator:** Y Yes **Process:** V Verification Complete **Process Date:** 02-FEB-2017  
**Street Line 1:** 401 W Washington St **City:** Urbana **State:** IL **Zipcode:** 61801-4048 **Nation:**  
**E-mail Address:** skramp@uillinois.edu **Person Status:** Y Yes **Application Status:** Y Process Complete

# Resolving Verification Errors

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID: Entest15 Morency, Emily Record Type: N Add Date:

Electronic Applications Verification Steps **Review Results** Change PIN

ID: Entest15 Morency, Emily

### System Verification Procedure

Procedure Label	Required Indicator	Completion Indicator	Override Indicator	Verified Date	Completed Date	Load Date	Activity Date
P175 Requested Materials Verificati	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	02-FEB-2017	02-FEB-2017		02-FEB-2017
P900 "PUSH" Verification	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	02-FEB-2017		02-FEB-2017	02-FEB-2017

### System Verification Routines

Required Indicator	Completion Indicator	Override Indicator	Verification Messages
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Existing Person Record Updated to Applicant
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Race Record Created for Applicant
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No Address Records Found within Application
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1 Email Record Loaded
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Primary telephone already exists
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No High School Records Found within Application

# Resolving Verification Errors

General Person Identification SPAIDEN 8.6.3 [UI\_9124\_1-CLN-AIDEN-PFN] (BANDEV) (2UIC)

ID: 650177785 Morency, Emily Generate ID:

Current Identification | Alternate Identification | Address | **Telephone** | Biographical | E-mail | Emergency Contact | Additional Identification

	Area Code	Phone Number	Extension
Telephone Type: CELL Cellular Phone	217	5551212	
International Access:		<input checked="" type="checkbox"/> Primary	<input type="checkbox"/> Unlisted <input type="checkbox"/> Inactivate
Comment:			
Address Type: PR Permanent	Sequence: 1	Activity Date: 02-FEB-2017	User: SKRAMP

# Resolving Verification Errors

Electronic Application Process SAAEAPS 8.7.3 (BANDEV) (2UIC)

Web ID:  Record Type: N Add Date: 02-FEB-2017

Electronic Applications | Verification Steps | Review Results | Change PIN

Web ID	Applicant Name	Application Preference	Application Number	Applicant Record Type	Application Type	Completion Indicator
Emtest16	Morency, Emily		1	N Non-Student	SO	<input checked="" type="checkbox"/>
<b>Banner ID:</b>	660177785	<b>Term:</b> 420175	<b>Source:</b> WEB	<b>Add Date:</b> 02-FEB-2017	<b>Process Date:</b> 02-FEB-2017	
<b>Accepted Indicator:</b>	Y Yes	<b>Process:</b> P Application Pushed		<b>Process Date:</b> 02-FEB-2017		
<b>Street Line 1:</b>	401 W Washington St	<b>City:</b> Urbana	<b>State:</b> IL	<b>Zipcode:</b> 61801-4049	<b>Nation:</b>	
<b>E-mail Address:</b>		<b>Person Status:</b> Y Yes	<b>Application Status:</b> Y	<b>Process Complete</b>		



# Summary



# Summary

- **Test in development environment**
- **Test specific cases**
- **Confirm results are desired**
- **Run in production (start small by limiting population selection)**

# Summary

## Reduce resource hours

**100,000 web apps x 4 mins per app = 400,000 mins**

**400,000 mins / 60 mins per hour = 6,666 hours**

**6,666 hours / 40 hours a week = 166.65 weeks**

**166.65 weeks / 52 weeks in a year = 3.02 years**

**3.02 years to manually resolve all web applications received in 1 year**

# Questions & answers



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LIVE | 2017

# Thank you

## **We want to hear from you— feedback survey**

Access session surveys by using the survey widget on the mobile app or by logging into your session schedule builder.

**Suzanne Moss**

skramp@uillinois.edu

**Session ID 98991**