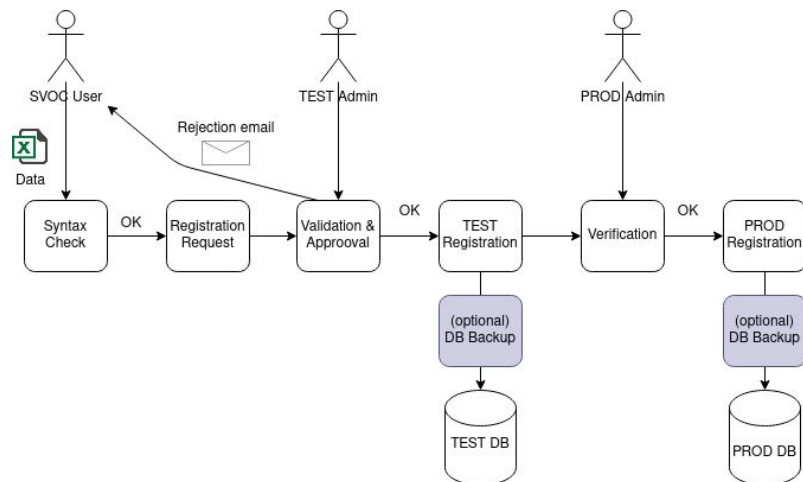


• Use case scenarios



• Registration statuses updates

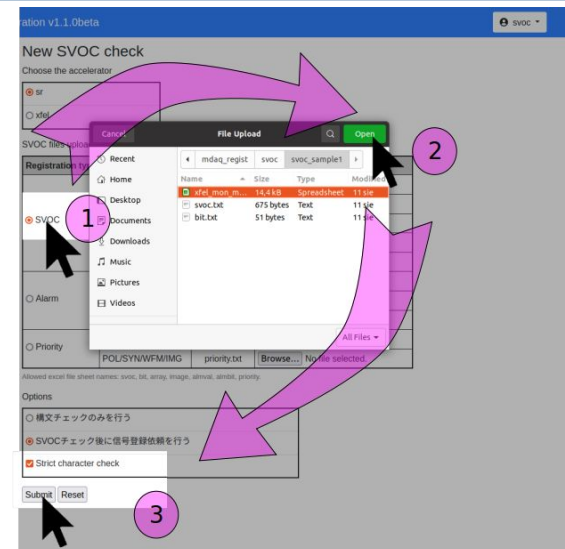
ID	Requested	Accelerator	User	Type	Groups	CPUs	Files	New/Update/Delete	WRW/CHK/ADM	STATUS	TEST Registration	PROD Registration	ACTIONS
9	2021-10-04 18:43:39	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt	0/5/0	0/0/0	REQUESTED (Test Regist.)			show
8	2021-10-04 16:43:13	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt	0/5/0	0/0/0	OK (Test Regist.)	2021-10-04 16:43:21		show
7	2021-10-04 16:42:40	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt	0/5/0	0/0/0	OK (Test Regist.)	2021-10-04 16:42:57		show
6	2021-10-04 16:25:17	sr	test	svoc	xfel_mon	xfmon-xcr-03	svoc.txt	15/2/0	8/15/30	ERR (Test Regist.)			show
5	2021-10-04 16:24:24	xfel	test	svoc	xfel_mon	xfmon-xcr-03	svoc.txt	15/2/0	8/15/30	ERR (Test Regist.)			show
4	2021-10-04 16:14:10	sr	dbadmin	svoc	xfel_mon	xfmon-xcr-03	svoc.txt	15/2/0	8/15/30	REJECTED (Test Regist.)			show
3	2021-10-04 16:13:57	sr	dbadmin	svoc	xfel_mon	xfmon-xcr-03	svoc.txt	15/2/0	8/15/30	ERR (Test Regist.)			show
2	2021-10-04 16:12:15	xfel	dbadmin	svoc	xfel_lrf	xfmon-b3-dump	svoc.txt	0/0/0	0/2/0	OK (Test Regist.)	2021-10-04 16:24:01		show
1	2021-10-04 15:42:29	sr	svoc	svoc	xfel_lrf	xfmon-b3-dump	svoc.txt	0/0/0	0/2/0	OK (Test Regist.)	2021-10-04 16:24:34		show

• User management

ID	Username	Email	Role	Session	Delete	Suspend
1	guest	test0@example.com	guest	None	✗	
2	svoc	test1@example.com	svoc	None	✗	
3	test	test2@example.com	test	None	✗	
4	prod	test3@example.com	prod	None	✗	
5	dbadmin	test4@example.com	dbadmin	2021-10-04 20:00:21	✗	

After you change roles, reset your server to expire all active sessions.

• Selenium test scenarios



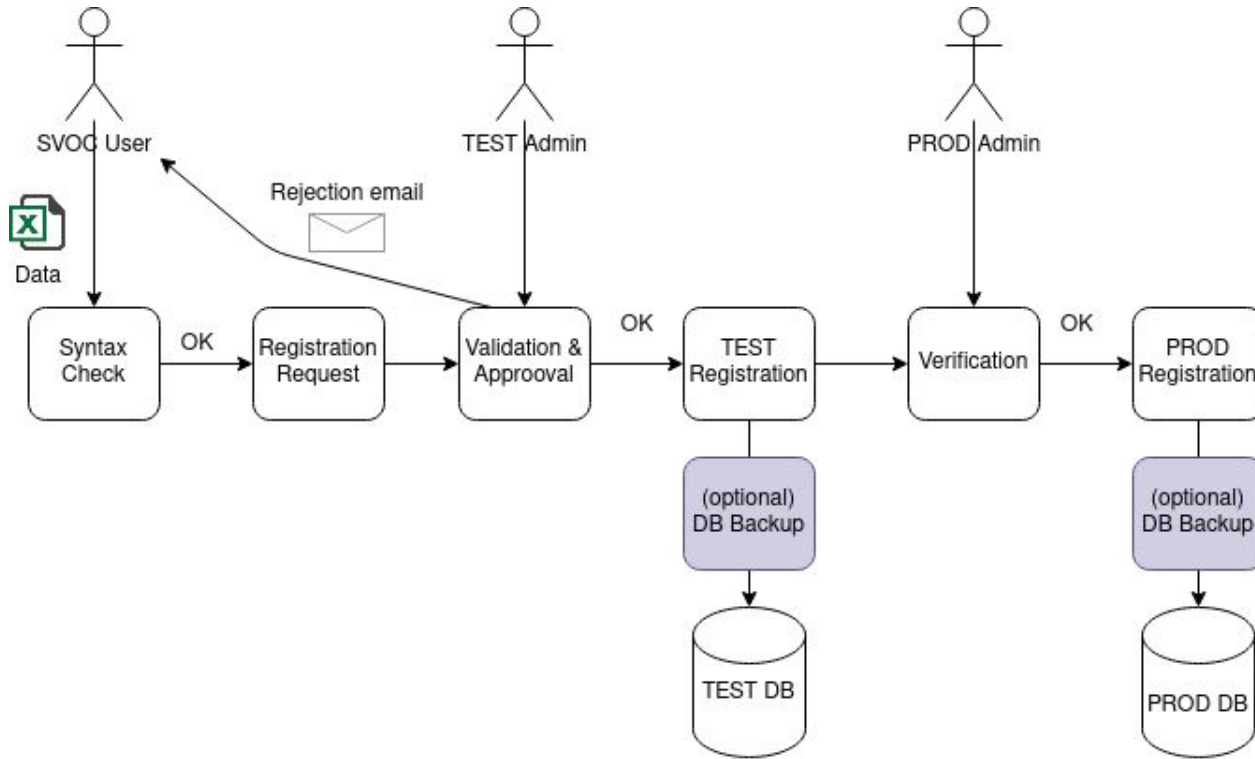


Figure 1. Application scenarios involves multiple users and roles.

- Accelerator metadata registration
- Multiple roles scenarios
- Two databases
- Simultaneous login restrictions
- Email notifications



Table 1. Simplified roles table.

Action	SVOC User	TEST User	PROD User	DB admin
Max logged in accounts	-	1	1	1
SVOC check	✓	✓	✓	✓
TEST registration		✓		
TEST DB backup		✓		✓
TEST DB restore				✓
PROD registration			✓	
PROD DB backup			✓	✓
PROD DB restore				✓

- Syntax check >
- New SVOC check
- Check History
- Backup & Restore >
- MDAQ WEB Links >

Search options

All Accelerators: xfmon-bl3-dump | xfel_llrf | All Request Users: All Request Users | All Types: All Types

2021/10/04 | Last Update To

Search

Show 50 entries

ID	Requested	Accelerator	User	Type	Groups	CPUs	Files	New/Update/Delete	WRN/CHK/ADM	STATUS	TEST Registration	PROD Registration	ACTIONS
9	2021-10-04 16:43:39	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt bit.txt	0/5/0	0/0/0	REQUESTED (Test Regist.)			show
8	2021-10-04 16:43:13	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt bit.txt	0/5/0	0/0/0	OK (Test Regist.)	2021-10-04 16:43:21		show
7	2021-10-04 16:42:40	sr	test	svoc	xfel_mon	xfmon-476	svoc.txt bit.txt	0/5/0	0/0/0	OK (Test Regist.)	2021-10-04 16:42:57		show
6	2021-10-04 16:25:17	sr	test	svoc	xfel_mon	xfmon-xcr-03	svoc.txt bit.txt	15/2/0	8/153/0	ERR (Test Regist.)			show
5	2021-10-04 16:24:24	xfel	test	svoc	xfel_mon	xfmon-xcr-03	svoc.txt bit.txt	15/2/0	8/153/0	ERR (Test Regist.)			show
4	2021-10-04 16:14:10	sr	dbadmin	svoc	xfel_mon	xfmon-xcr-03	svoc.txt bit.txt	15/2/0	8/153/0	REJECTED (Test Regist.)			show
3	2021-10-04 16:13:57	sr	dbadmin	svoc	xfel_mon	xfmon-xcr-03	svoc.txt bit.txt	15/2/0	8/153/0	ERR (Test Regist.)			show
2	2021-10-04 16:12:15	xfel	dbadmin	svoc	xfel_llrf	xfmon-bl3-dump	svoc.txt bit.txt	0/0/0	0/29/0	OK (Test Regist.)	2021-10-04 16:24:01		show
1	2021-10-04 15:42:29	sr	svoc	svoc	xfel_llrf	xfmon-bl3-dump	svoc.txt bit.txt	0/0/0	0/29/0	OK (Test Regist.)	2021-10-04 16:24:34		show

Showing 1 to 9 of 9 entries



Figure 2. Fully responsive web interface. Registration statuses updates in real time. Menus and actions are role-dependant.



Spring 8 Signal Registration v1.1.0beta dbadmin

Syntax check > New SVOC check

Choose the accelerator

sr
 xfel

SVOC files upload

Registration type	DAQ type	File	Upload
SVOC	POL/SYNC/WFM/IMG	excel/ods book	Browse... No file selected.
	POL/SYNC/WFM/IMG	svoc.txt	Browse... No file selected.
	POL/SYNC	bit.txt	Browse... No file selected.
	WFM	array.txt	Browse... No file selected.
Alarm	AI/DI	excel/ods book	Browse... No file selected.
	AI	almval.txt	Browse... No file selected.
	DI	almbit.txt	Browse... No file selected.
Priority	POL/SYNWFM/IMG	excel/ods book	Browse... No file selected.
	POL/SYNWFM/IMG	priority.txt	Browse... No file selected.

Options

横文チェックのみを行う

SVOCチェック後に信号登録依頼を行う

Strict character check

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(a)

Spring 8 Signal Registration v1.1.0beta dbadmin

Syntax check > Users List

ID	Username	Email	Role	Session	Delete	Suspend
1	guest	test0@example.com	guest	None	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	svoc	test1@example.com	svoc	None	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	test	test2@example.com	test	None	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	prod	test3@example.com	prod	None	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	dbadmin	test4@example.com	dbadmin	2021-10-04 20:00:21	<input checked="" type="checkbox"/>	<input type="checkbox"/>

After you change roles, reset your server to expire all active sessions.

Reset passwords
Users List
Create User

MDAQ WEB Links >
System >

(c)

Figure 3. User UI. (a) Data upload panel. (b) Database configuration panel. (c) User management panel

Spring 8 Signal Registration v1.1.0beta dbadmin

Syntax check > System setup

Database Info

Last TEST registration: 2021-10-04 16:43:21
Last PROD registration: None

/mdaq_tools/conf/paramdb.json

```
{
  "sr": {
    "equip_grp": {
      "id_from": 1,
      "id_to": 1999
    },
    "sub_grp": {
      "id_from": 1,
      "id_to": 1999
    },
    "host": {
      "id_from": 1001,
      "id_to": 9999
    },
    "equip_inf": {
      "id_from": 10001,
      "id_to": 199999
    },
    "sig_inf": {
      "id_from": 10001,
      "id_to": 199999
    },
    "sig_type": {
      "id_from": 10001,
      "id_to": 199999
    },
    "wfm_type": {

```

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MDAQ Web App: Copyright(C) 2020 Spring-8 All Rights Reserved. localhost:8887/system_setup

(b)

ł nk ujZ{Z'yty{Zk

1/ž MIM| ujnNk'y| uunx{ _nx'Z. VZj' bZy
 1/ž MIMWYZ Vhl _b | xMlml
 1/žByZx'k MIMZk ZI {
 1/ž tl Nk b'° / I 'b {Zx_NWZ



> | Nj6t f nl {xnj

1/2 | | V{bnl Nj{Zy{y_nx| yZx'yWZI Mlony'
tk ujZk ZI {ZX'6 @ZjZI b k 'xMk Z,, nxi
1/2BI b {Zy{y_nx'vhl {xnjjZx{Zy{b`
1/2 nl VgyZ'XnV| k ZI {Mlbnl 'VhfZxb` {aZ'
k ny{tk unx{M{k Nb {ZI MIVZ` | bXZj6 Zy
1/2Z ZU|` jn` y
1/2H nxi 'b 'uxn` xZyy^{aaa}



Figure 4. Quality control. (upper left) PyTest suite (bottom left) Selenium functional tests (upper right) logger (bottom right) documentation