**Sign Up**

**Form** does not submit if information is missing

FAIL

* Any field left empty

Email and **Confirm Email** constraints - @ is required, duplicate email not allowed case insensitive

FAIL

* Someone.com – (no @)
* aspin@go.com
* [Aspin@go.com](mailto:Aspin@go.com)

PASS

* someone@somewhere.com

**Password** and **confirm password** constraints - Minimum length 8, one uppercase and one digit

FAIL

* 123password(no uppercase)
* Passwordone(no digit)
* 3Pass (length < 8)
* passwordlength(no uppercase, no digit)
* 1234a(length <8, no uppercase)
* Abc (length <8, no digit)

PASS

* 123Password
* 1AAAAAAA

**Confirm** constraints - confirm inputs must match respective input - email (case insensitive) password (case sensitive)

FAIL

* aspin1@go.com / aspin01@go.com
* 1234Password /123Password

PASS

* Aspin1@go.com / aspin1@go.com
* 123Password / 123Password
* aspin2@go.com / aspin2@go.com

**Login**

**Form** does not submit if information is missing

FAIL

* Any field left empty

**Login** compares email (case insensitive) and password (case sensitive) against what is stored

In order to test Login it is necessary to sign up test user: email: goAspin@gmail.com / password: Startup1234

FAIL

* aspin1@go.com / Password12 (wrong email, wrong password)
* goaspin@hotmai.com / Startup1234 (wrong email)
* goaspin@gmail.com / Password12 (wrong password)
* Goaspin2@gmail.com / startUp1234 (case wrong on password)

PASS

* goAspin@gmail.com / Startup1234
* Goaspin@gmail.com / Startup1234

**\*\*\*\*\* Remain Logged In for the remainder of the Testing\*\*\*\*\***

**Create Show**

**Form** does not submit if information is missing

FAIL

* Any field left empty

**Program name** constraints - duplicates in the database, or greater than 50 characters

FAIL

* Fringe, 1, 1 (Program in database)
* fringe 1, 1 (Program in database, case insensitive)
* WJDPLCR7pVfmiVyBdSKwLfKLhDbDdPWAX7zJeuADrWWjL3YvYvyc2DBKyaC5dpQSH 1, 1 (>50 char)

Pass

* Supernatural 1, 16

**Season** constraints – must be a number between 1 and 50. Html form only allows numbers

FAIL

* Iron Fist -3, 2 (negative value)
* Iron Fist 0, 2 (< 1)
* Iron Fist 51, 1 (>50)

Pass

* Iron Fist 1, 10

**Episode** constraints – must be a number between 1 and 50. Html form only allows numbers

FAIL

* Drag Race, 2, -5 (negative value)
* Drag Race 2, 0 (< 1)
* Drag Race 2, 51 (>50)

Pass

* Drag Race 1, 50

**Create Season/Episode**

**Season** constraints – must be a number between 1 and 50. Html form only allows numbers

Add season to Fringe

FAIL

* Season -15 (negative value), Episodes 15
* Season 0 (<0), Episodes 15
* Season 51 (>50), Episodes 15
* Season 5 (duplicate in the system), Episodes 15

Pass

* Season 1, Episodes 15

**Episode** constraints – must be a number between 1 and 50. Html form only allows numbers

Add season to Fringe

FAIL

* Season 2, Episodes -13 (negative value)
* Season 2, Episodes 0 (<0)
* Season 2, Episodes 51 (>50)

Pass

* Season 2, Episodes 25

**Edit Show/Season**

**Form** does not submit if information is missing

FAIL

* Any field left empty

**Program name** constraints **-**duplicates in the database, greater than 50 characters, or no changes

Edit Program Iron Fist

FAIL

* Drag Race (Program in database)
* drag racE (Program in database, case insensitive)
* WJDPLCR7pVfmiVyBdSKwLfKLhDbDdPWAX7zJeuADrWWjL3YvYvyc2DBKyaC5dpQSH (>50 char)
* Iron Fist (No Change)

Pass

* Jessica Jones

**Season** constraints – number between 1 and 50, no changes, duplicate season on same show, Html form only allows numbers

Edit Program Game of Thrones 3

FAIL

* Season -15 (negative value)
* Season 0 (<0)
* Season 51 (>50)
* Season 3 (no change)
* Season 1 (duplicate in the system)

PASS

* Season 4

**Episode** constraint – number between 1 and 50, no change, Html form only allows numbers

Edit Program Game of Thrones Season 1

FAIL

* Episode -12 (negative value)
* Episode 0 (< 1)
* Episode 51 (> 50)
* Episodes 10 (no change)

PASS

* Episode 16

**Season and Episode** constraint – no changes, season referenced in a show card

FAIL

* American Idol Season 1 – any changes
* Leave both fields unchanged

**Delete Show/Season**

**Program** - Game of Thrones 3 Season IDs (-1, -2. -3)

PASS

* Game of Thrones 3 Season IDs (-1, -2. -3)
  + Deleted from show table
  + Child records in Show Season are removed (Season IDs -1, -2, -3)
  + Child records in Show Card are removed (Show Card ID -1, -2)

Season constraint – cannot delete season that is referenced in a show card.

FAIL

* American Idol Season 1 (showcardID -3 )

PASS

* Fringe Season 5

**Create Watcher**

**Name** constraints - duplicates in the database, or greater than 50 characters

FAIL

* Austin Jane
* austin JANE
* WJDPLCR7pVfmiVyBdSKwLfKLhDbDdPWAX7zJeuADrWWjL3YvYvyc2DBKyaC5dpQSH (>50 char)

PASS

* Austin Jones

**Edit Watcher**

**Program name** constraints **-**duplicates in the database, greater than 50 characters, or no changes

Edit Watcher Sally Jenkins

FAIL

* Bob Jones
* BOB jones
* WJDPLCR7pVfmiVyBdSKwLfKLhDbDdPWAX7zJeuADrWWjL3YvYvyc2DBKyaC5dpQSH (>50 char)
* Sally Jenkins

PASS

* Sandra Jenkins

**Delete Watcher**

Watcher – Bob Jones

* Deleted from Show table
* Child record in Show Card removed (Show Card ID -4)

**Create Show Card**

**Show Card** constraint – duplicate combination of program and watcher in database

FAIL

* Show: American Idol Watcher: Austin Jane

PASS

* Show: American Idol, Watcher: Sally Jenkins, Season: 8, Episode: 14
* Show: Fringe , Watcher: Austin Jane, Season: 2, Episode: 24

**Edit Show Card Episodes**

**Show card add /subtract–** cannot go past max season and max episode, or lower than min season and min episode

\*\*Select show Fringe with Austin Jones (currently at Season 2, episode 25 (max))

FAIL

* Attempting to add an episode (at current max)

Pass

* Subtracting episodes

\*\*Subtract until at Season 2 Episode 1. Subtract once more

PASS

* Season rolls down to the next lower season (Season 1, Episode 15)

\*\*Continue subtracting until Season 1 Episode 1

FAIL

* Attempting to subtract if there is no season lower

\*\* Add until at Season 1 Episode 15. Add once more

PASS

* Season rolls over to the next highest Season starting at episode 1