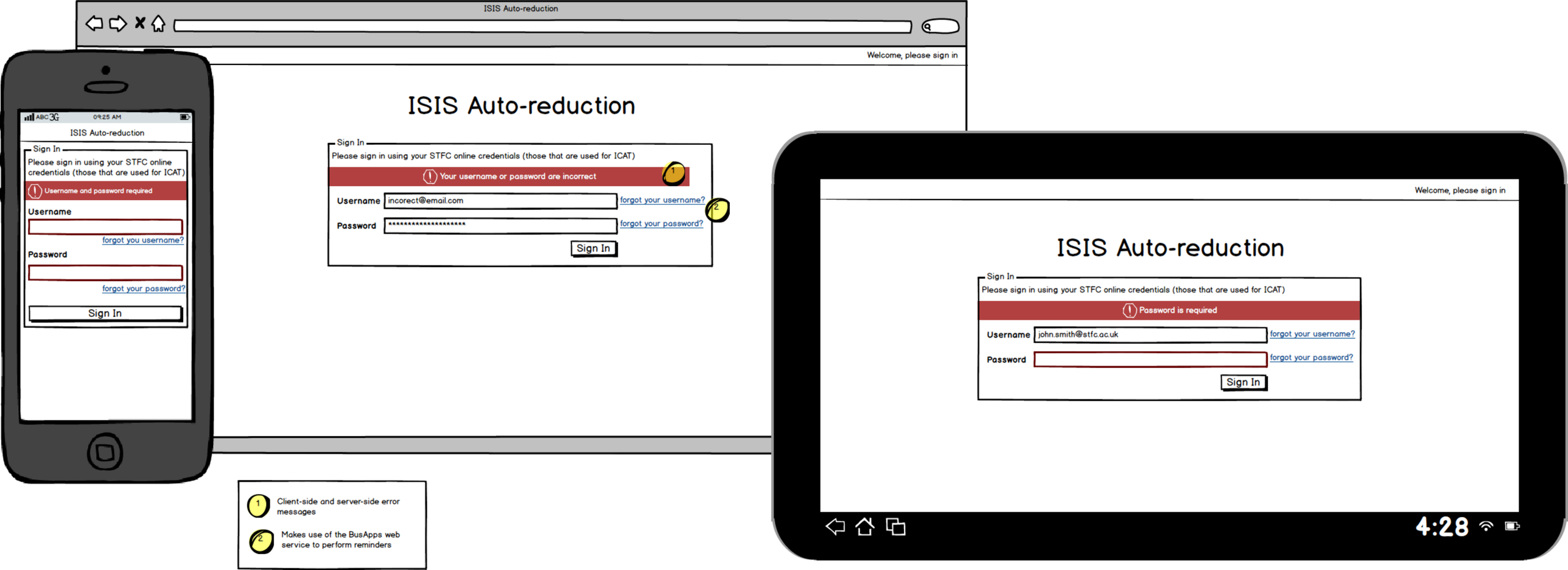
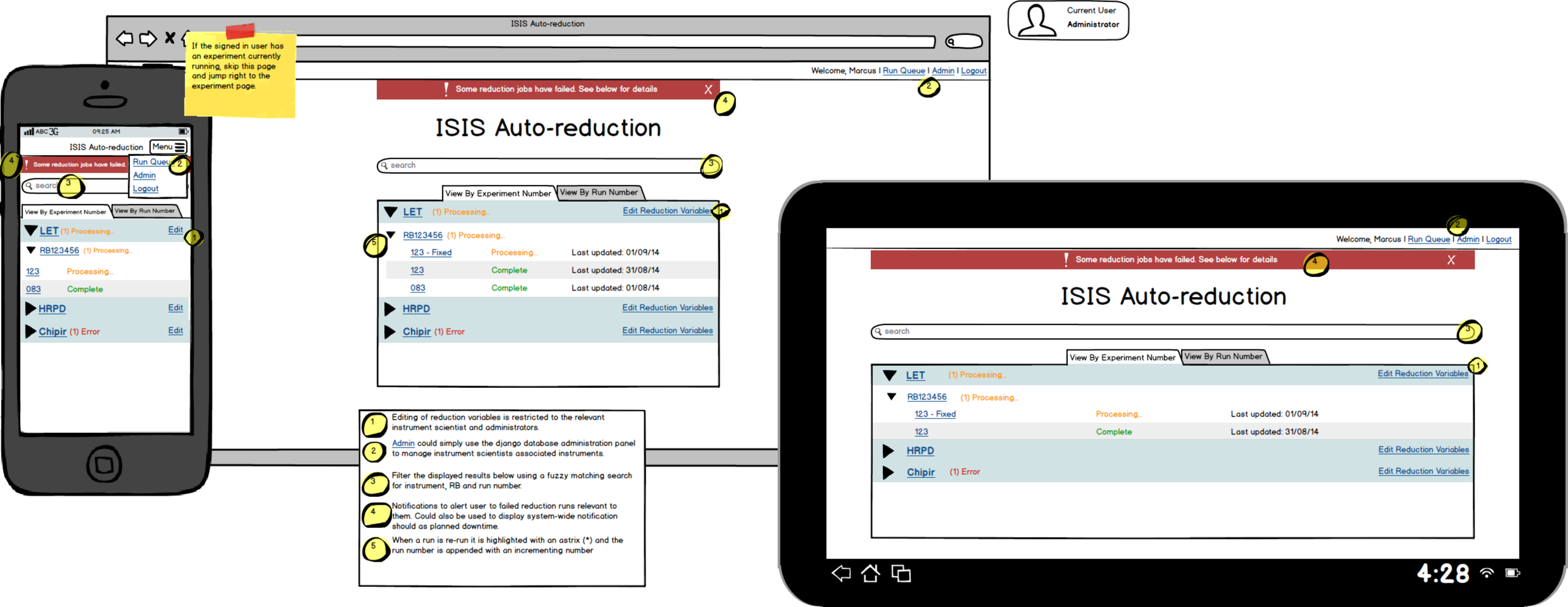
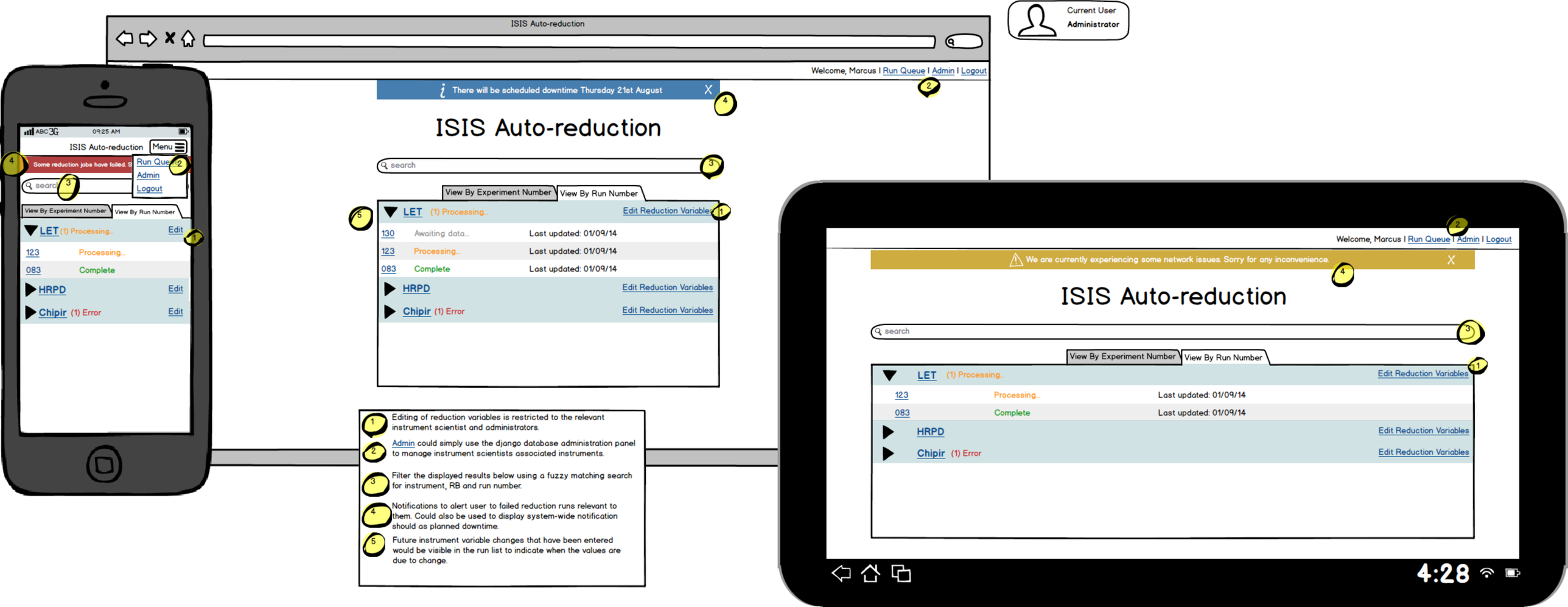

ISIS Auto-reduction
Welcome, please sign in
ISIS Auto-reduction
Sign In
Please sign in using your STFC online credentials (those that are used for ICAT)
Your username or password are incorrect
Username
incorect@email.com
forgot your username?
Password
forgot your password?
Sign In
1
2
ABC 3G
09:25 AM
ISIS Auto-reduction
Sign In
Please sign in using your STFC online credentials (those that are used for ICAT)
Username and password required
Username
forgot you username?
Password
forgot your password?
Sign In
Welcome, please sign in
ISIS Auto-reduction
Sign In
Please sign in using your STFC online credentials (those that are used for ICAT)
Password is required
Username
john.smith@stfc.ac.uk
forgot your username?
Password
forgot your password?
Sign In
4:28
1
Client-side and server-side error messages
2
Makes use of the BusApps web service to perform reminders


Current User
Administrator
ISIS Auto-reduction
If the signed in user has an experiment currently running, skip this page and jump right to the experiment page.
Welcome, Marcus | Run Queue | Admin | Logout
Some reduction jobs have failed. See below for details
ISIS Auto-reduction
search
View By Experiment Number
View By Run Number
LET (1) Processing... Edit Reduction Variables
RB123456 (1) Processing...
123 - Fixed Processing... Last updated: 01/09/14
123 Complete Last updated: 31/08/14
083 Complete Last updated: 01/08/14
HRPD Edit Reduction Variables
Chipir (1) Error Edit Reduction Variables
1 Editing of reduction variables is restricted to the relevant instrument scientist and administrators.
2 Admin could simply use the django database administration panel to manage instrument scientists associated instruments.
3 Filter the displayed results below using a fuzzy matching search for instrument, RB and run number.
4 Notifications to alert user to failed reduction runs relevant to them. Could also be used to display system-wide notification should as planned downtime.
5 When a run is re-run it is highlighted with an astrix (*) and the run number is appended with an incrementing number
09:25 AM
Menu
Run Queue
Admin
Logout
Edit
4:28


Current User
Administrator
ISIS Auto-reduction
Welcome, Marcus | Run Queue | Admin | Logout
There will be scheduled downtime Thursday 21st August
ISIS Auto-reduction
search
View By Experiment Number
View By Run Number
LET (1) Processing...
Edit Reduction Variables
130 Awaiting data... Last updated: 01/09/14
123 Processing... Last updated: 01/09/14
083 Complete Last updated: 01/09/14
HRPD
Edit Reduction Variables
Chipir (1) Error
Edit Reduction Variables
ABC 3G
09:25 AM
ISIS Auto-reduction
Menu
Some reduction jobs have failed.
Run Queue
Admin
Logout
search
View By Experiment Number
View By Run Number
LET (1) Processing...
Edit
123 Processing...
083 Complete
HRPD
Edit
Chipir (1) Error
Edit
Welcome, Marcus | Run Queue | Admin | Logout
We are currently experiencing some network issues. Sorry for any inconvenience.
ISIS Auto-reduction
search
View By Experiment Number
View By Run Number
LET (1) Processing...
Edit Reduction Variables
123 Processing... Last updated: 01/09/14
083 Complete Last updated: 01/09/14
HRPD
Edit Reduction Variables
Chipir (1) Error
Edit Reduction Variables
4:28
1 Editing of reduction variables is restricted to the relevant instrument scientist and administrators.
2 Admin could simply use the django database administration panel to manage instrument scientists associated instruments.
3 Filter the displayed results below using a fuzzy matching search for instrument, RB and run number.
4 Notifications to alert user to failed reduction runs relevant to them. Could also be used to display system-wide notification should as planned downtime.
5 Future instrument variable changes that have been entered would be visible in the run list to indicate when the values are due to change.

This page would be restricted to Instrument Scientists and Admins only

Current User
Instrument Scientist

ISIS Auto-reduction

Welcome, Rob | Run Queue | Logout

ISIS Auto-reduction

<- back to reduction list

LET Reduction Variables

Status
Currently processing: 12345
Queued runs: 12346, 12347, 12348

1

Current Variables

Runs #12345 ⇨ #12349

Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save to analysis machine
Whitebeam run number: 244
Mapping file: /path/to/file
Det info file: /path/to/file
Mask file: /path/to/file

preview reduction script
edit variables

Create new run variables

Upcoming Variables

Runs #12350 ⇨ #12360

Incident energies: 12, 15, 33
EBinning: 20, 5, 30
Don't Save to analysis machine
Whitebeam run number: 244
Mapping file: /path/to/file
Det info file: /path/to/file
Mask file: /path/to/file

⚠ Using an older script
preview reduction script
edit variables

The reduction script has changed since these variables were saved. If you'd like to use the new script please click edit variables

Runs #12361 ⇨ #12340

Incident energies: 5, 10, 12
EBinning: 20, 5, 30
Save to analysis machine
Whitebeam run number: 244
Mapping file: /path/to/file
Det info file: /path/to/file
Mask file: /path/to/file

preview reduction script
edit variables

1 Show the current status of reduction on that instrument to help users decide when variables need to come into effect

Welcome, Rob | Run Queue | Logout

ISIS Auto-reduction

<- back to reduction list

LET Reduction Variables

Status
Currently processing: 12345
Queued runs: 12346, 12347, 12348

Current Variables

Runs #12345 ⇨ #12349

Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save to analysis machine
Whitebeam run number: 244
Mapping file: /path/to/file
Det info file: /path/to/file
Mask file: /path/to/file

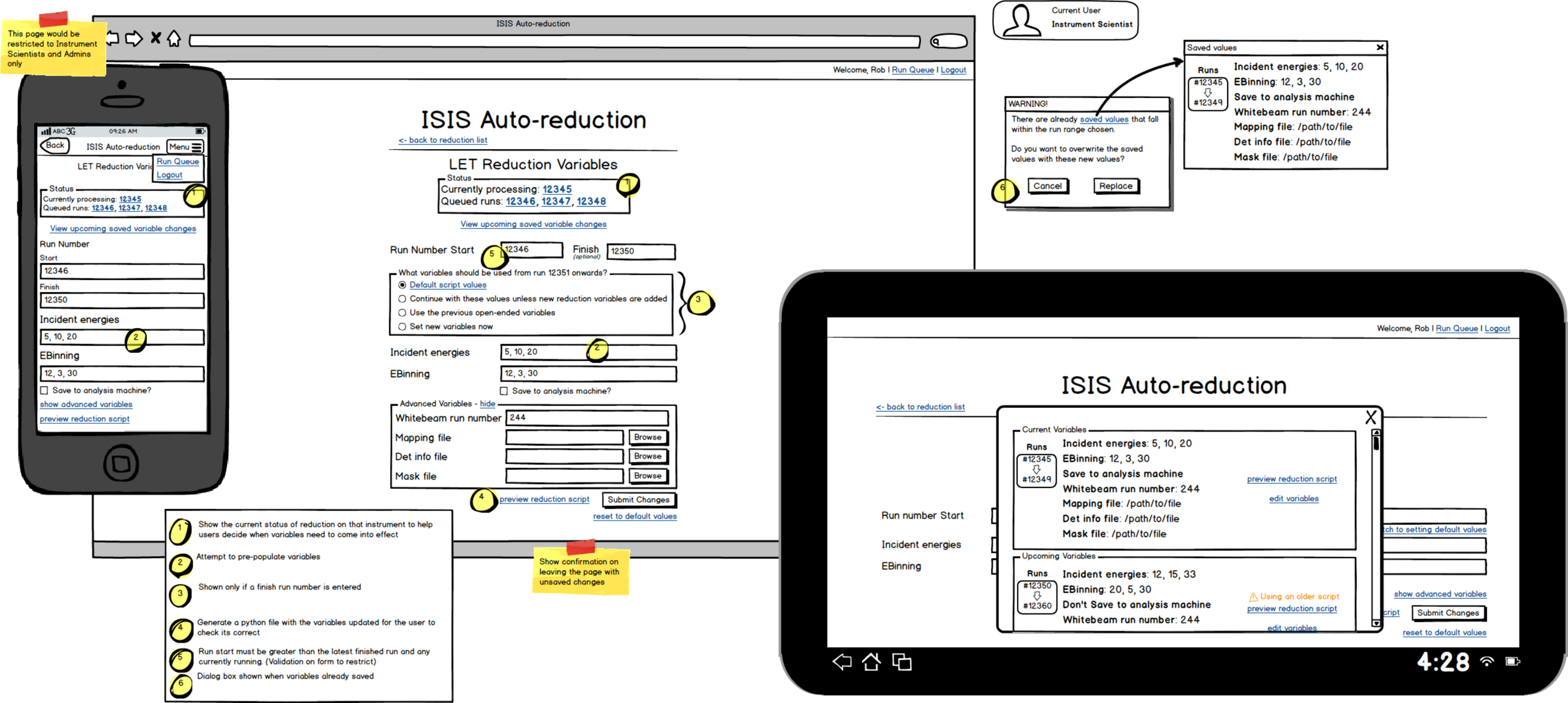
preview reduction script
edit variables

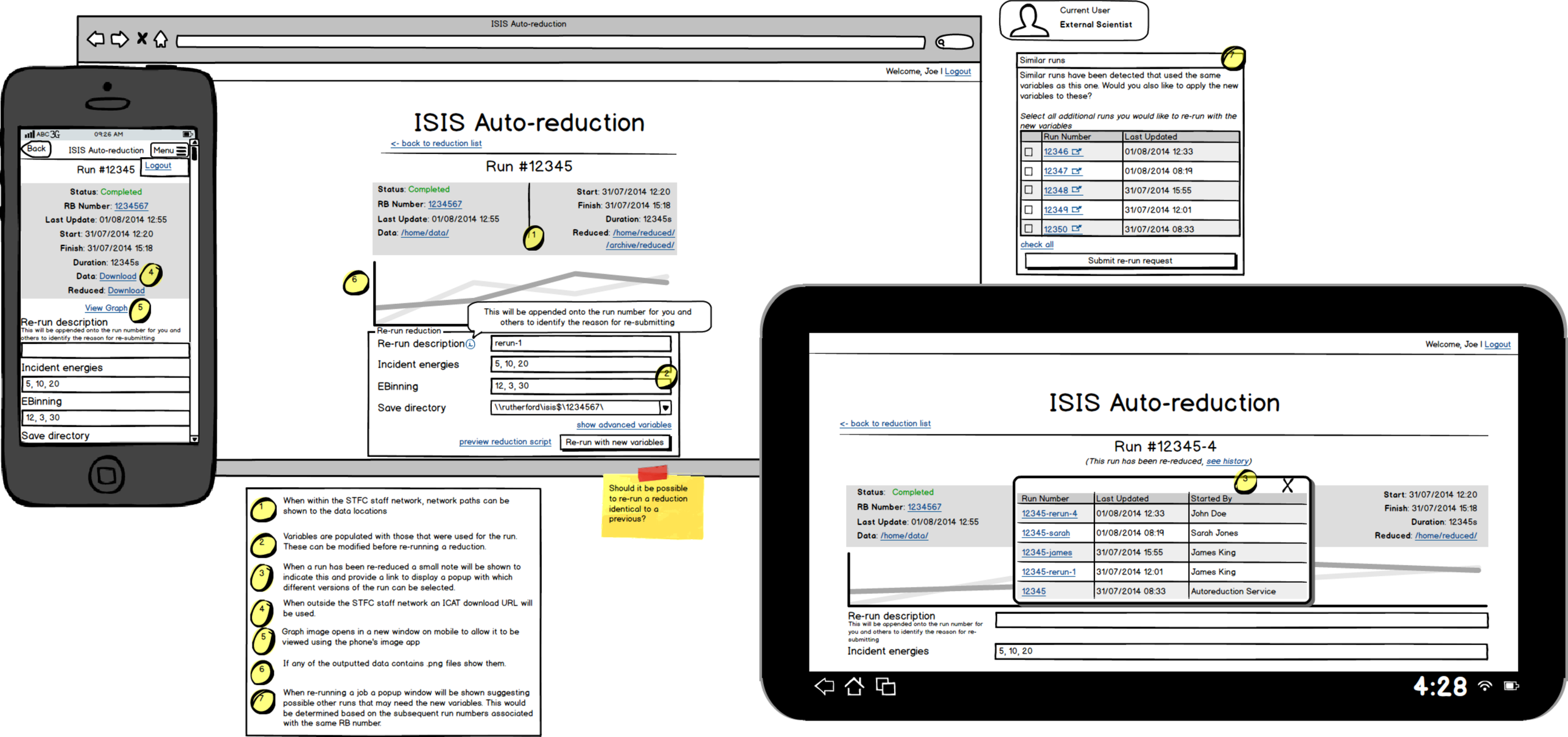
Create new run variables

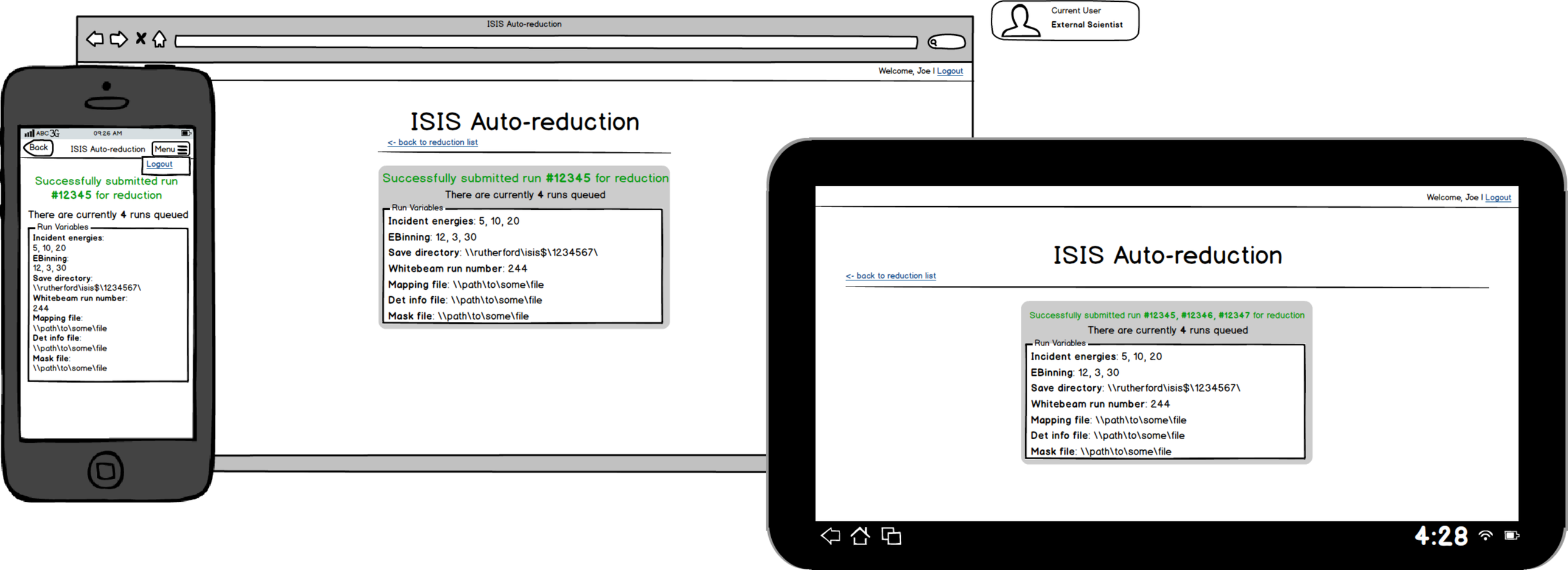
Upcoming Variables

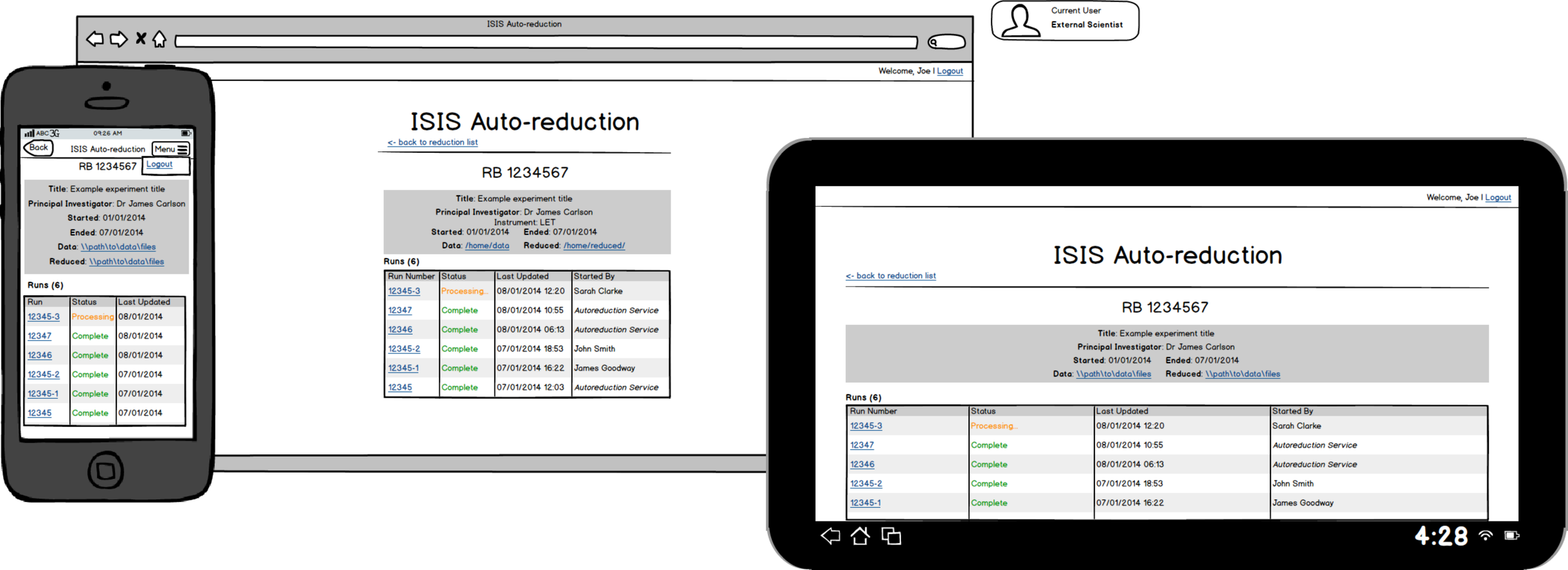
Runs #12350

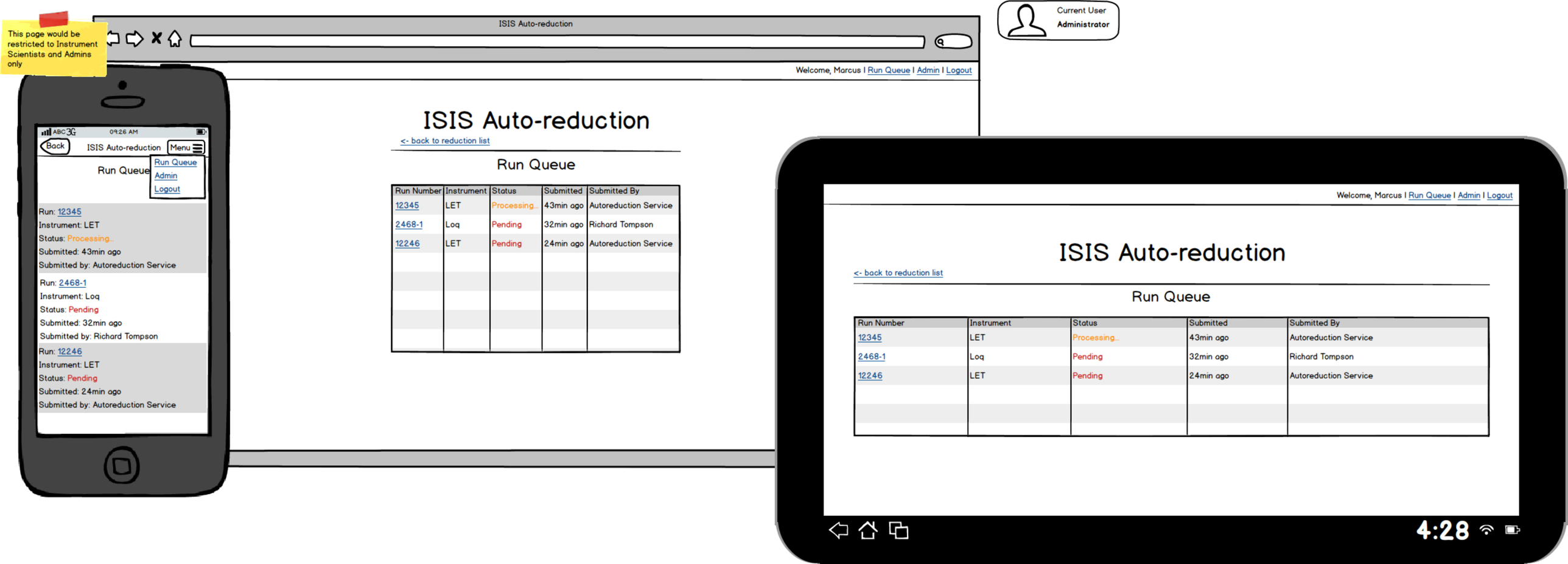
Incident energies: 12, 15, 33


This page would be restricted to Instrument Scientists and Admins only
ISIS Auto-reduction
Welcome, Rob | Run Queue | Logout
ISIS Auto-reduction
<- back to reduction list
LET Reduction Variables
Status
Currently processing: 12345
Queued runs: 12346, 12347, 12348
View upcoming saved variable changes
Run Number Start 12346 Finish (optional) 12350
What variables should be used from run 12351 onwards?
Default script values
Continue with these values unless new reduction variables are added
Use the previous open-ended variables
Set new variables now
Incident energies 5, 10, 20
EBinning 12, 3, 30
Save to analysis machine?
Advanced Variables - hide
Whitebeam run number 244
Mapping file Browse
Det info file Browse
Mask file Browse
preview reduction script
Submit Changes
reset to default values
Back
Menu
Run Queue
Logout
show advanced variables
Current User
Instrument Scientist
Saved values
Runs
#12345
#12349
Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save to analysis machine
Whitebeam run number: 244
Mapping file: /path/to/file
Det info file: /path/to/file
Mask file: /path/to/file
WARNING!
There are already saved values that fall within the run range chosen.
Do you want to overwrite the saved values with these new values?
Cancel
Replace
Current Variables
Upcoming Variables
Runs
#12350
#12360
Incident energies: 12, 15, 33
EBinning: 20, 5, 30
Don't Save to analysis machine
Whitebeam run number: 244
Using an older script
edit variables
Run number Start
Incident energies
EBinning
4:28
1 Show the current status of reduction on that instrument to help users decide when variables need to come into effect
2 Attempt to pre-populate variables
3 Shown only if a finish run number is entered
4 Generate a python file with the variables updated for the user to check its correct
5 Run start must be greater than the latest finished run and any currently running. (Validation on form to restrict)
6 Dialog box shown when variables already saved
Show confirmation on leaving the page with unsaved changes


ISIS Auto-reduction
Welcome, Joe | Logout
ISIS Auto-reduction
<- back to reduction list
Run #12345
Status: Completed
RB Number: 1234567
Last Update: 01/08/2014 12:55
Data: /home/data/
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Reduced: /home/reduced/ /archive/reduced/
This will be appended onto the run number for you and others to identify the reason for re-submitting
Re-run reduction
Re-run description
rerun-1
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
\\rutherford\isis$\1234567\
show advanced variables
preview reduction script
Re-run with new variables
Should it be possible to re-run a reduction identical to a previous?
Current User
External Scientist
Similar runs
Similar runs have been detected that used the same variables as this one. Would you also like to apply the new variables to these?
Select all additional runs you would like to re-run with the new variables
Run Number
Last Updated
12346 01/08/2014 12:33
12347 01/08/2014 08:19
12348 31/07/2014 15:55
12349 31/07/2014 12:01
12350 31/07/2014 08:33
check all
Submit re-run request
ABC 3G 09:26 AM
Back
ISIS Auto-reduction
Menu
Run #12345
Logout
Status: Completed
RB Number: 1234567
Last Update: 01/08/2014 12:55
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Data: Download
Reduced: Download
View Graph
Re-run description
This will be appended onto the run number for you and others to identify the reason for re-submitting
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
Welcome, Joe | Logout
ISIS Auto-reduction
<- back to reduction list
Run #12345-4
(This run has been re-reduced, see history)
Status: Completed
RB Number: 1234567
Last Update: 01/08/2014 12:55
Data: /home/data/
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Reduced: /home/reduced/
Run Number
Last Updated
Started By
12345-rerun-4 01/08/2014 12:33 John Doe
12345-sarah 01/08/2014 08:19 Sarah Jones
12345-james 31/07/2014 15:55 James King
12345-rerun-1 31/07/2014 12:01 James King
12345 31/07/2014 08:33 Autoreduction Service
Re-run description
This will be appended onto the run number for you and others to identify the reason for re-submitting
Incident energies
5, 10, 20
4:28
1 When within the STFC staff network, network paths can be shown to the data locations
2 Variables are populated with those that were used for the run. These can be modified before re-running a reduction.
3 When a run has been re-reduced a small note will be shown to indicate this and provide a link to display a popup with which different versions of the run can be selected.
4 When outside the STFC staff network an ICAT download URL will be used.
5 Graph image opens in a new window on mobile to allow it to be viewed using the phone's image app
6 If any of the outputted data contains .png files show them.
7 When re-running a job a popup window will be shown suggesting possible other runs that may need the new variables. This would be determined based on the subsequent run numbers associated with the same RB number.


Current User
External Scientist
ISIS Auto-reduction
Welcome, Joe I Logout
ISIS Auto-reduction
<- back to reduction list
Successfully submitted run #12345 for reduction
There are currently 4 runs queued
Run Variables
Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save directory: \\rutherford\isis$\1234567\
Whitebeam run number: 244
Mapping file: \\path\to\some\file
Det info file: \\path\to\some\file
Mask file: \\path\to\some\file
ABC 3G
09:26 AM
Back
ISIS Auto-reduction
Menu
Logout
Successfully submitted run #12345 for reduction
There are currently 4 runs queued
Run Variables
Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save directory: \\rutherford\isis$\1234567\
Whitebeam run number: 244
Mapping file: \\path\to\some\file
Det info file: \\path\to\some\file
Mask file: \\path\to\some\file
Welcome, Joe I Logout
ISIS Auto-reduction
<- back to reduction list
Successfully submitted run #12345, #12346, #12347 for reduction
There are currently 4 runs queued
Run Variables
Incident energies: 5, 10, 20
EBinning: 12, 3, 30
Save directory: \\rutherford\isis$\1234567\
Whitebeam run number: 244
Mapping file: \\path\to\some\file
Det info file: \\path\to\some\file
Mask file: \\path\to\some\file
4:28


Current User
External Scientist
ISIS Auto-reduction
Welcome, Joe I Logout
ISIS Auto-reduction
<- back to reduction list
RB 1234567
Title: Example experiment title
Principal Investigator: Dr James Carlson
Instrument: LET
Started: 01/01/2014 Ended: 07/01/2014
Data: /home/data Reduced: /home/reduced/
Runs (6)
Run Number | Status | Last Updated | Started By
12345-3 | Processing... | 08/01/2014 12:20 | Sarah Clarke
12347 | Complete | 08/01/2014 10:55 | Autoreduction Service
12346 | Complete | 08/01/2014 06:13 | Autoreduction Service
12345-2 | Complete | 07/01/2014 18:53 | John Smith
12345-1 | Complete | 07/01/2014 16:22 | James Goodway
12345 | Complete | 07/01/2014 12:03 | Autoreduction Service
09:26 AM
Back
ISIS Auto-reduction
Menu
RB 1234567
Logout
Title: Example experiment title
Principal Investigator: Dr James Carlson
Started: 01/01/2014
Ended: 07/01/2014
Data: \\path\to\data\files
Reduced: \\path\to\data\files
Runs (6)
Run | Status | Last Updated
12345-3 | Processing | 08/01/2014
12347 | Complete | 08/01/2014
12346 | Complete | 08/01/2014
12345-2 | Complete | 07/01/2014
12345-1 | Complete | 07/01/2014
12345 | Complete | 07/01/2014
4:28


This page would be restricted to Instrument Scientists and Admins only
ISIS Auto-reduction
Welcome, Marcus | Run Queue | Admin | Logout
ISIS Auto-reduction
<- back to reduction list
Run Queue
Run Number | Instrument | Status | Submitted | Submitted By
12345 | LET | Processing... | 43min ago | Autoreduction Service
2468-1 | Loq | Pending | 32min ago | Richard Tompson
12246 | LET | Pending | 24min ago | Autoreduction Service
Current User
Administrator
ABC 3G
09:26 AM
Back
ISIS Auto-reduction
Menu
Run Queue
Admin
Logout
Run Queue
Run: 12345
Instrument: LET
Status: Processing...
Submitted: 43min ago
Submitted by: Autoreduction Service
Run: 2468-1
Instrument: Loq
Status: Pending
Submitted: 32min ago
Submitted by: Richard Tompson
Run: 12246
Instrument: LET
Status: Pending
Submitted: 24min ago
Submitted by: Autoreduction Service
Welcome, Marcus | Run Queue | Admin | Logout
ISIS Auto-reduction
<- back to reduction list
Run Queue
Run Number | Instrument | Status | Submitted | Submitted By
12345 | LET | Processing... | 43min ago | Autoreduction Service
2468-1 | Loq | Pending | 32min ago | Richard Tompson
12246 | LET | Pending | 24min ago | Autoreduction Service
4:28