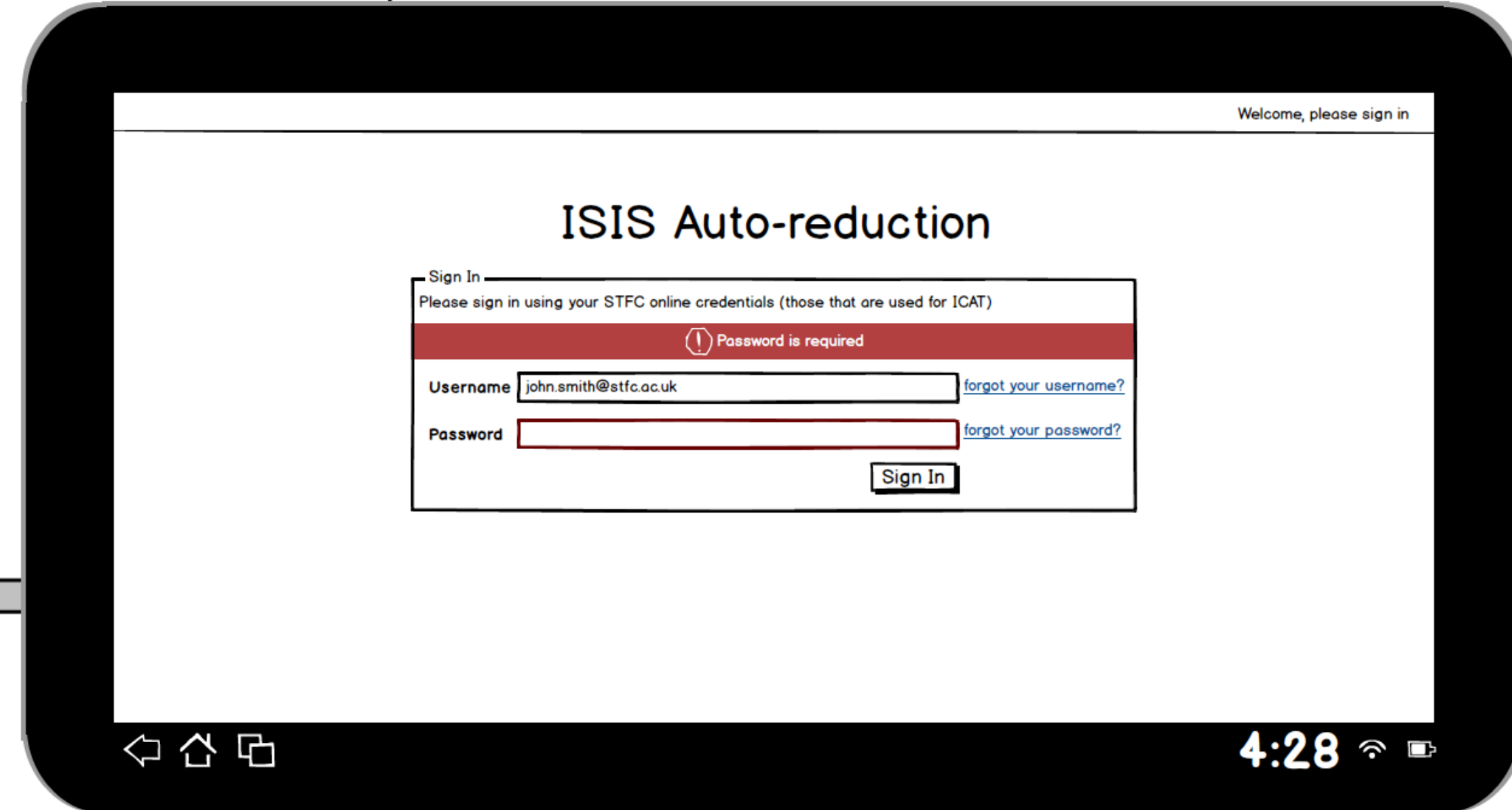
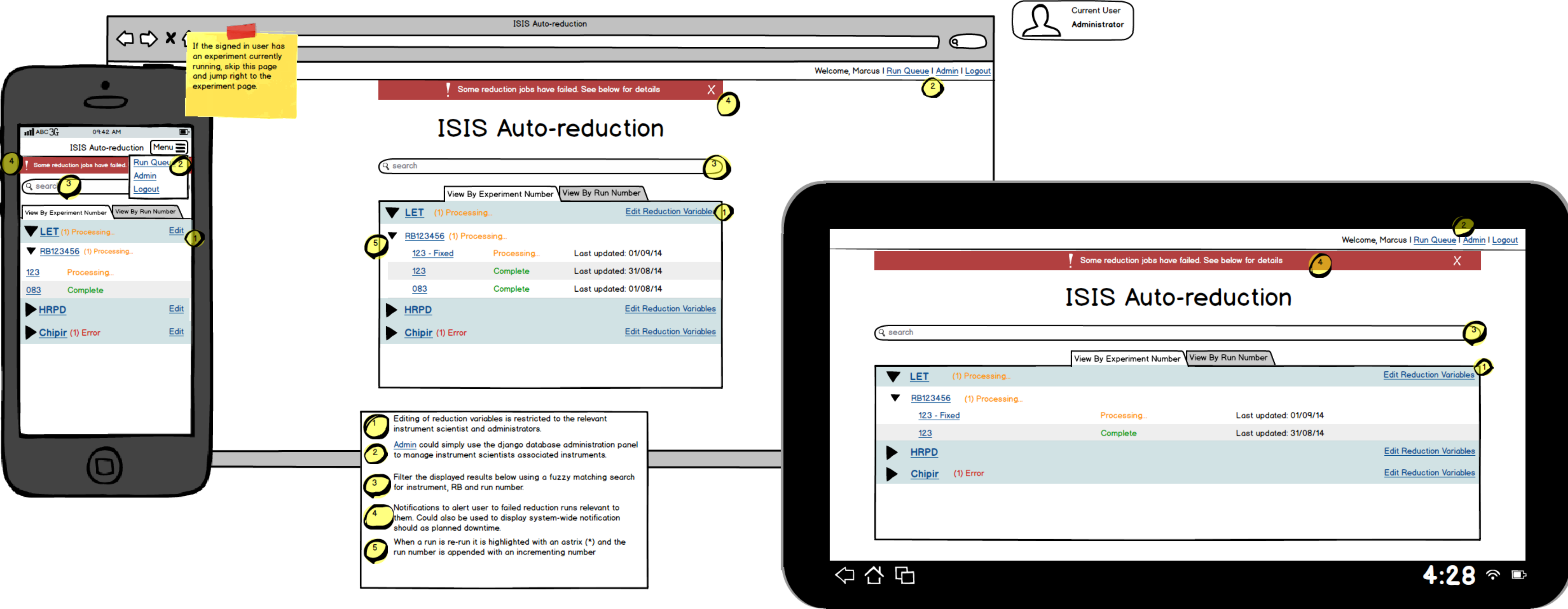
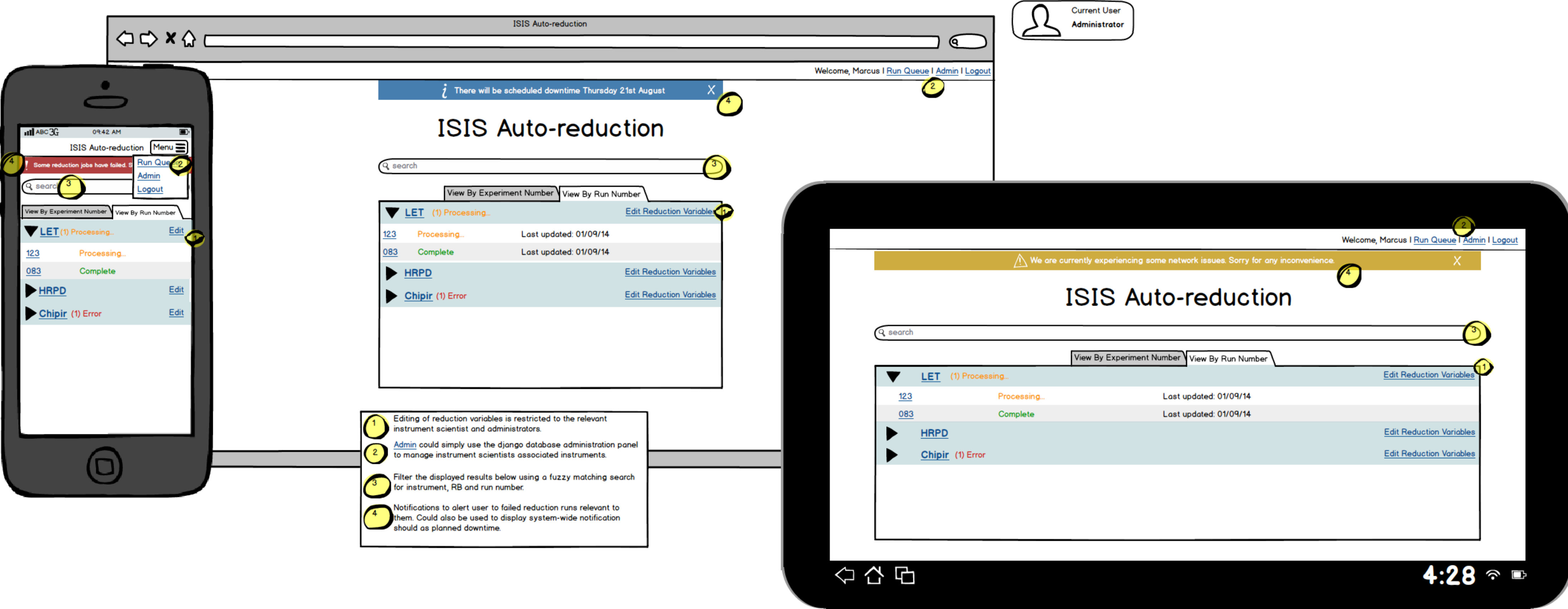



- 1 Client-side and server-side error messages
- 2 Makes use of the BusApps web service to perform reminders







This page would be restricted to Instrument Scientists and Admins only

Current User  
Instrument Scientist

ABC 3G 09:42 AM

Back ISIS Auto-reduction Menu

LET Reduction Variables

Run Queue Logout

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 ⇄ #12360

Incident energies: 12, 15, 33

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

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

⇄

#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

preview reduction script

edit variables

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

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

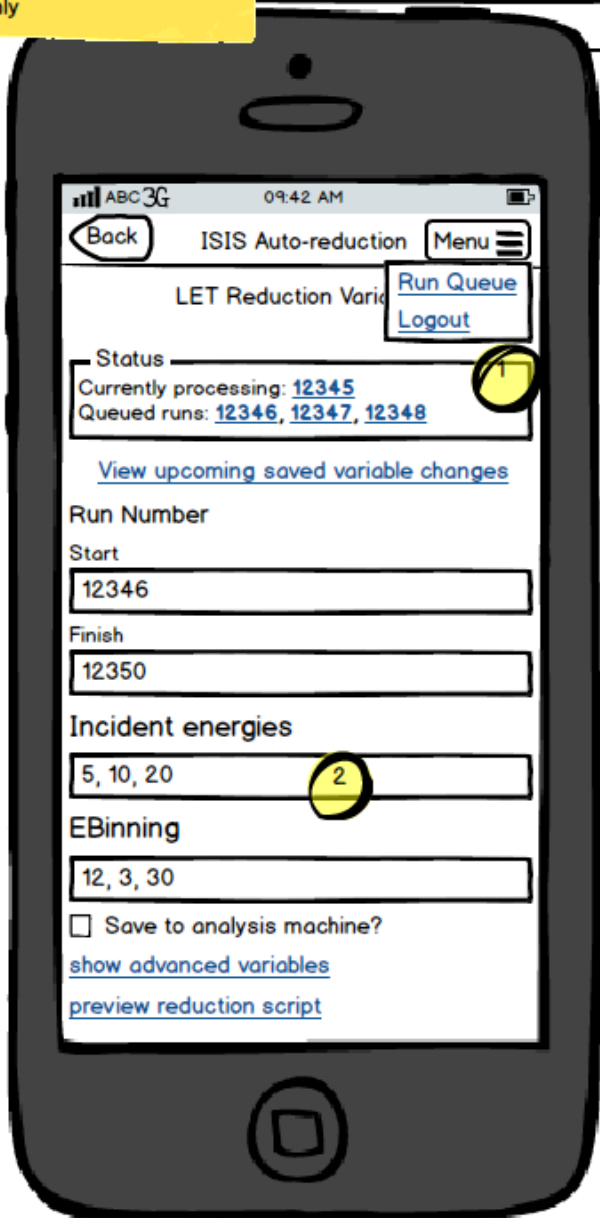
Runs

#12350

Incident energies: 12, 15, 33



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- 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

## 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 **12350**  
(optional)

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](#)

Show confirmation on leaving the page with unsaved changes

Current User  
Instrument Scientist

**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](#)

Saved values

Runs	Incident energies: 5, 10, 20
#12345	EBinning: 12, 3, 30
↓	Save to analysis machine
#12349	Whitebeam run number: 244
	Mapping file: /path/to/file
	Det info file: /path/to/file
	Mask file: /path/to/file

Welcome, Rob | [Run Queue](#) | [Logout](#)

## ISIS Auto-reduction

[<- back to reduction list](#)

Run number Start

Incident energies

EBinning

Current Variables

Upcoming Variables

Runs

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

Runs

Incident energies: 12, 15, 33

EBinning: 20, 5, 30

Don't Save to analysis machine

Whitebeam run number: 244

[preview reduction script](#)

[edit variables](#)

[Using an older script](#)

[preview reduction script](#)

[edit variables](#)

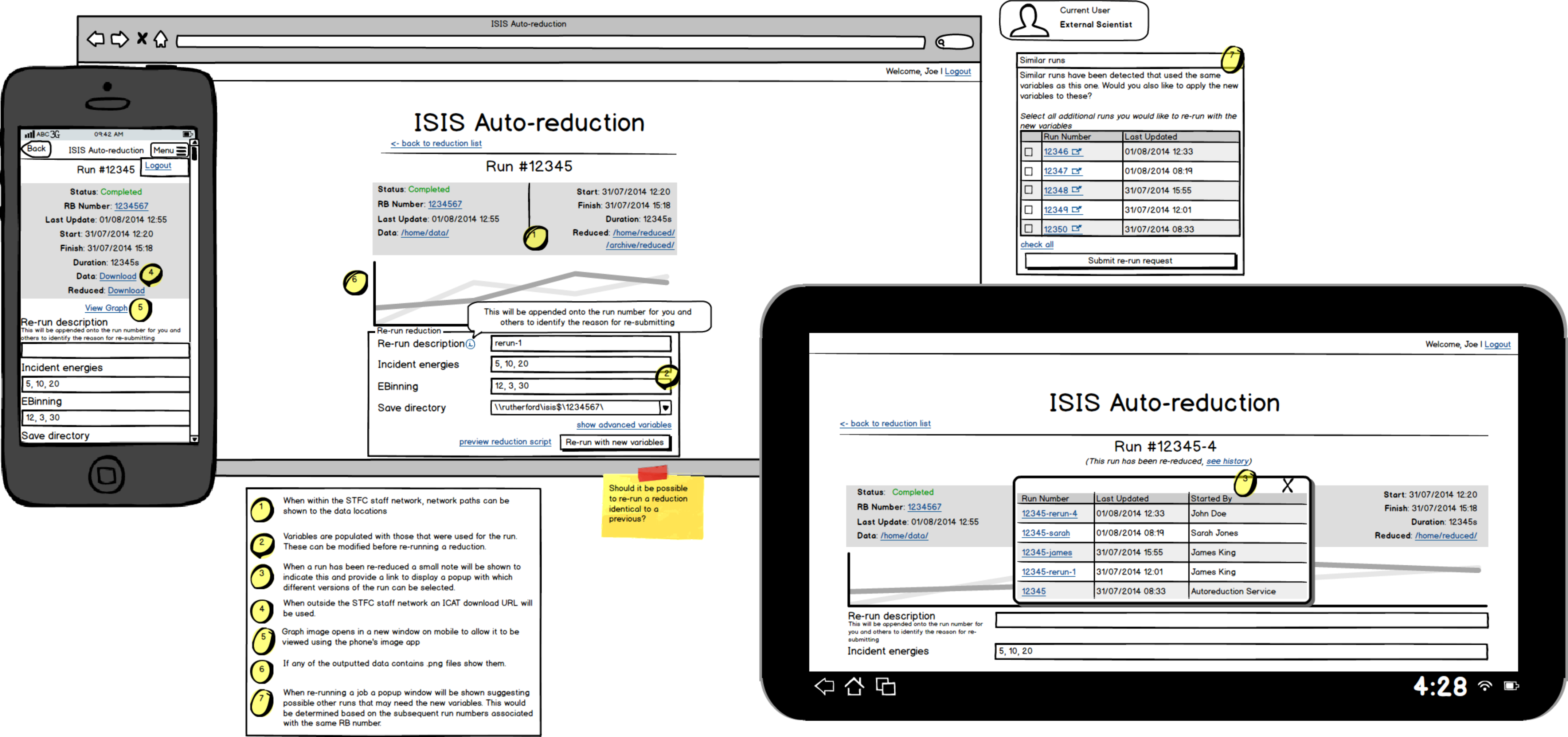
[reset to default values](#)

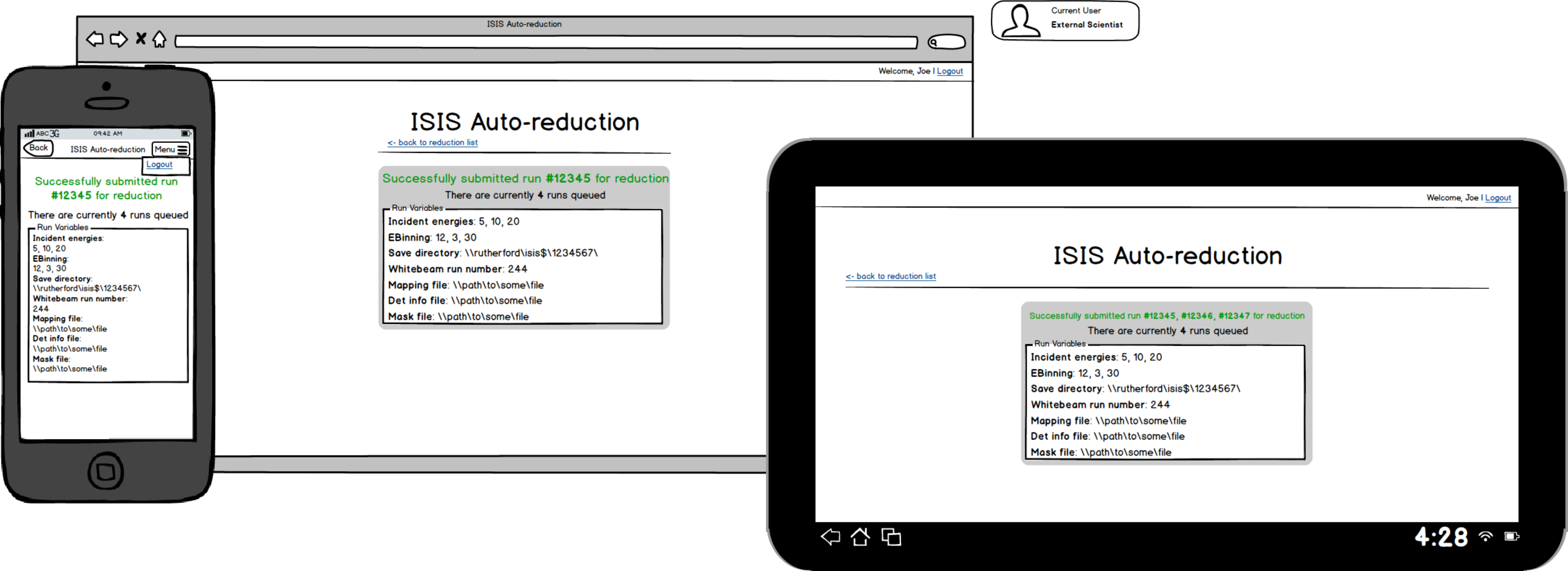
[show advanced variables](#)

[Submit Changes](#)

[reset to default values](#)

4:28





# 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

# ISIS Auto-reduction

[<- back to reduction list](#)

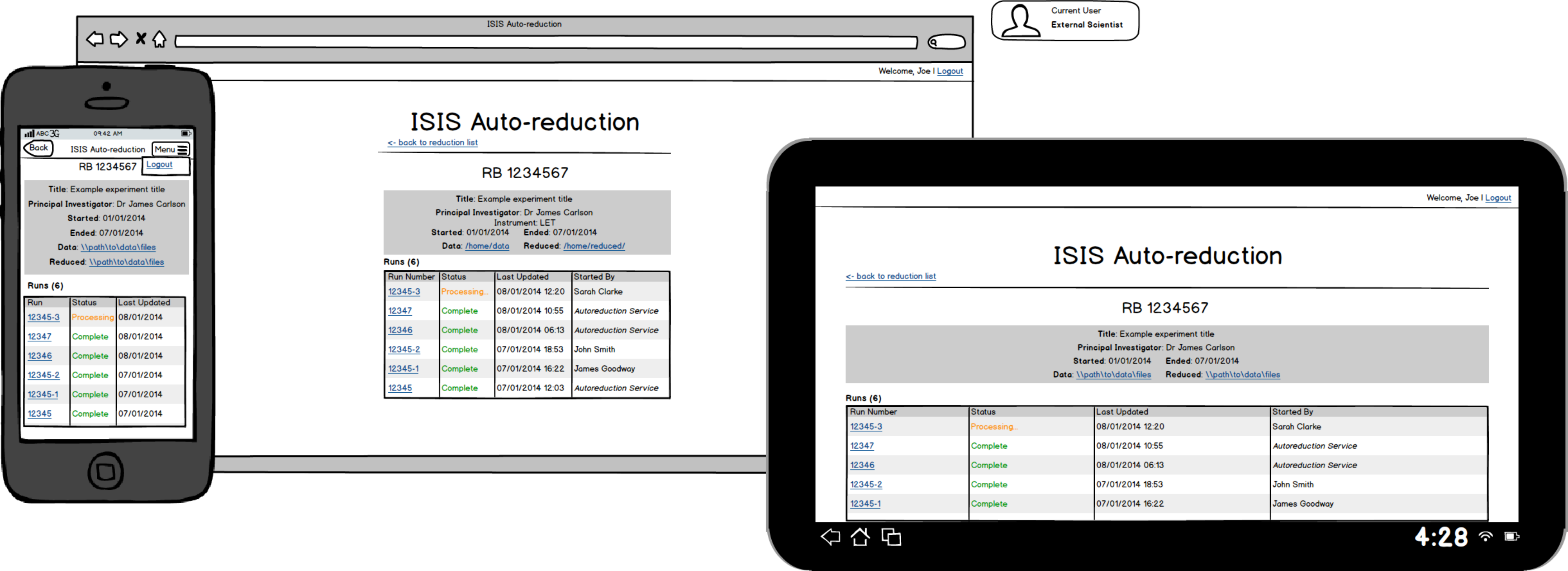
Successfully submitted run #12345, #12346, #12347 for reduction

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





## 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
<a href="#">12345-3</a>	Processing...	08/01/2014 12:20	Sarah Clarke
<a href="#">12347</a>	Complete	08/01/2014 10:55	Autoreduction Service
<a href="#">12346</a>	Complete	08/01/2014 06:13	Autoreduction Service
<a href="#">12345-2</a>	Complete	07/01/2014 18:53	John Smith
<a href="#">12345-1</a>	Complete	07/01/2014 16:22	James Goodway
<a href="#">12345</a>	Complete	07/01/2014 12:03	Autoreduction Service



## ISIS Auto-reduction

[<- back to reduction list](#)

RB 1234567

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](#)

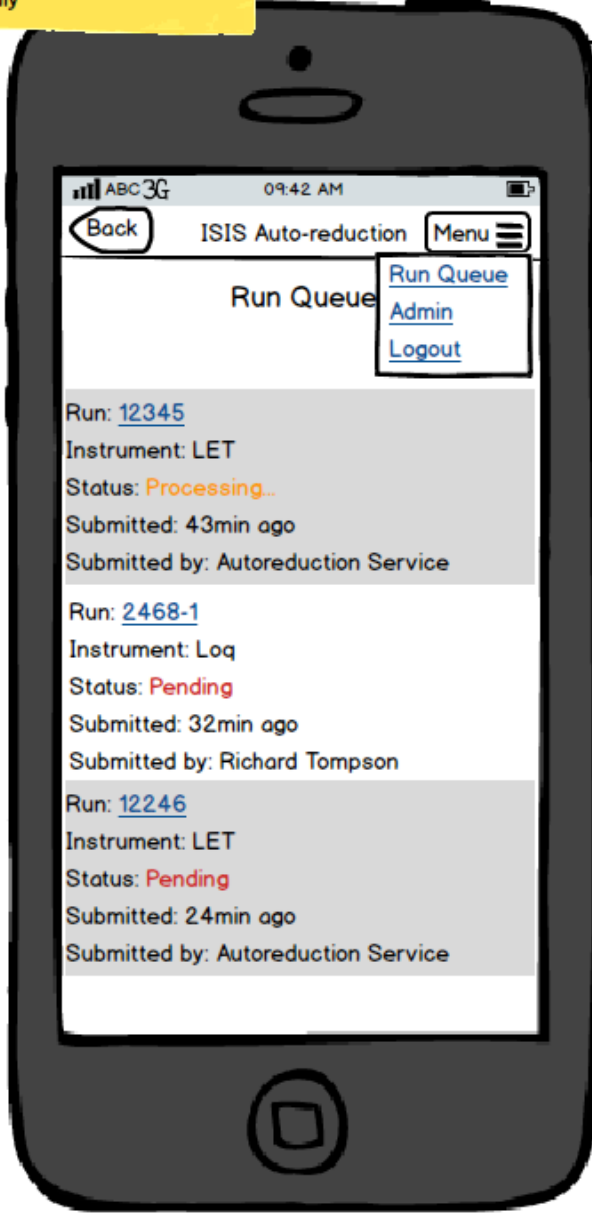
Runs (6)

Run Number	Status	Last Updated	Started By
<a href="#">12345-3</a>	Processing...	08/01/2014 12:20	Sarah Clarke
<a href="#">12347</a>	Complete	08/01/2014 10:55	Autoreduction Service
<a href="#">12346</a>	Complete	08/01/2014 06:13	Autoreduction Service
<a href="#">12345-2</a>	Complete	07/01/2014 18:53	John Smith
<a href="#">12345-1</a>	Complete	07/01/2014 16:22	James Goodway





This page would be restricted to Instrument Scientists and Admins only



ISIS Auto-reduction

Welcome, Marcus | [Run Queue](#) | [Admin](#) | [Logout](#)

Current User  
Administrator

ISIS Auto-reduction

[<- back to reduction list](#)

Run Queue

Run Number	Instrument	Status	Submitted	Submitted By
<a href="#">12345</a>	LET	Processing...	43min ago	Autoreduction Service
<a href="#">2468-1</a>	Loq	Pending	32min ago	Richard Tompson
<a href="#">12246</a>	LET	Pending	24min ago	Autoreduction Service

ISIS Auto-reduction

Welcome, Marcus | [Run Queue](#) | [Admin](#) | [Logout](#)

[<- back to reduction list](#)

Run Queue

Run Number	Instrument	Status	Submitted	Submitted By
<a href="#">12345</a>	LET	Processing...	43min ago	Autoreduction Service
<a href="#">2468-1</a>	Loq	Pending	32min ago	Richard Tompson
<a href="#">12246</a>	LET	Pending	24min ago	Autoreduction Service

4:28