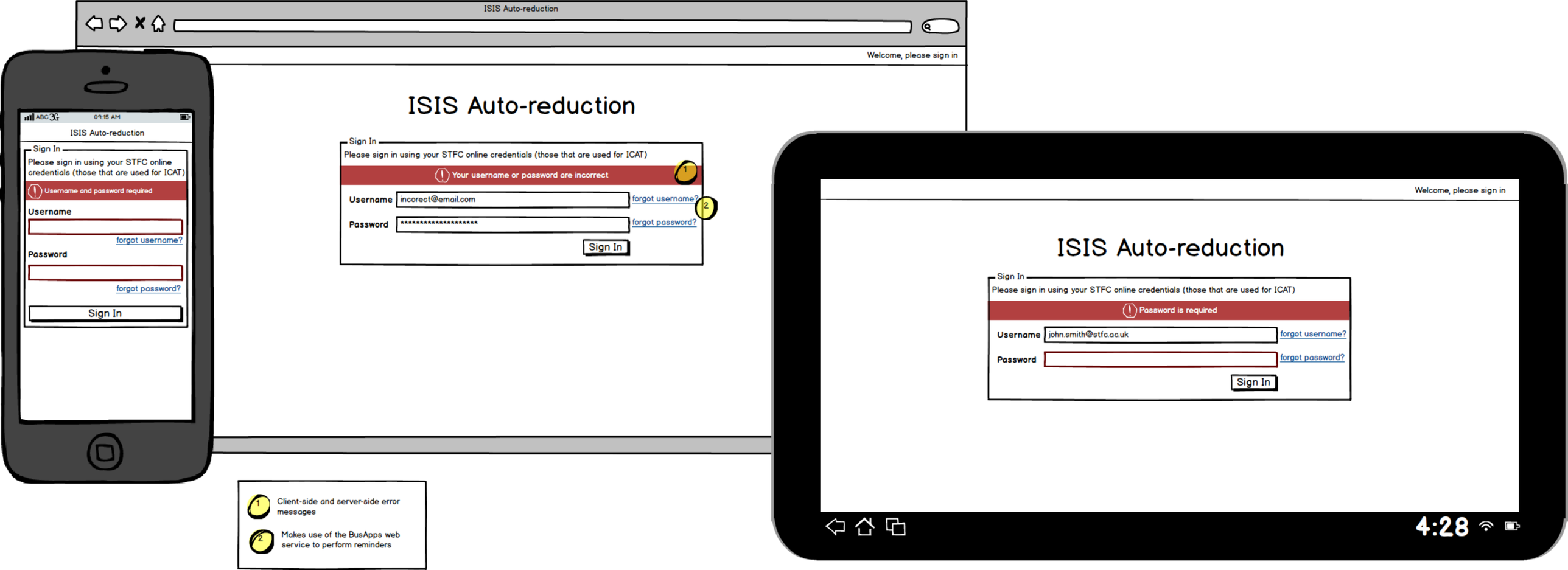
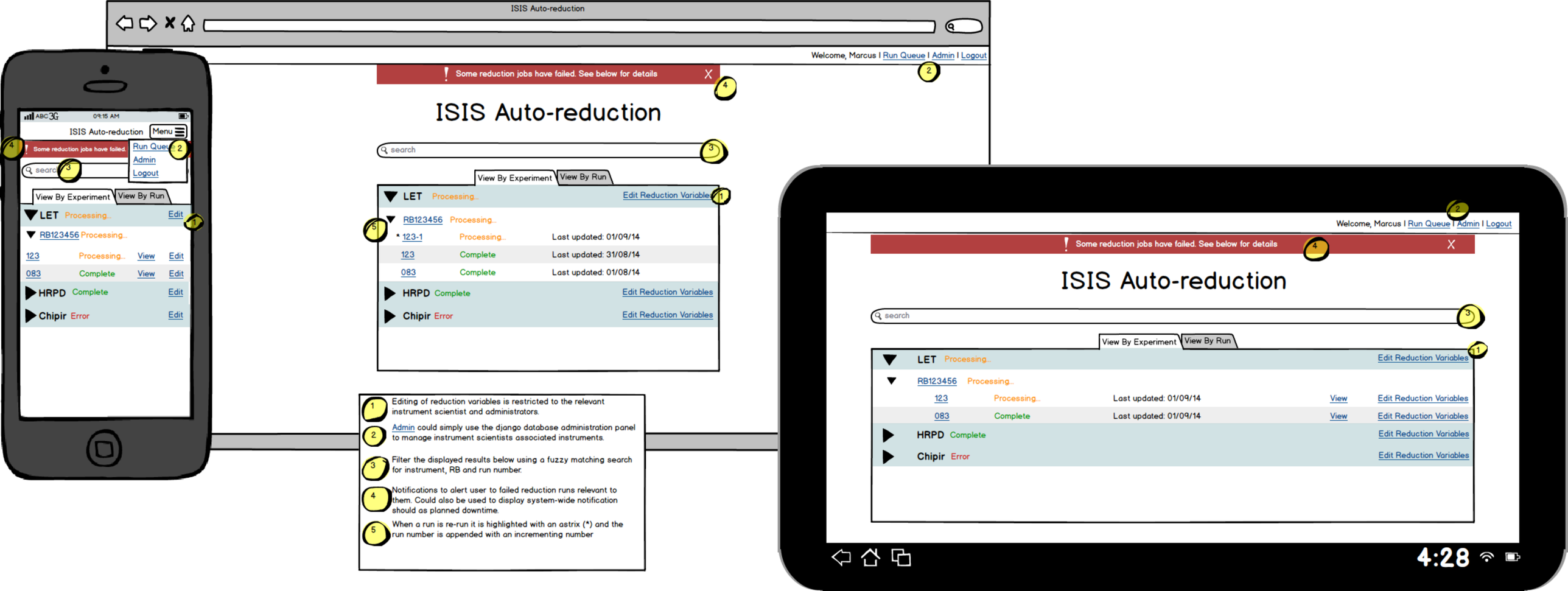
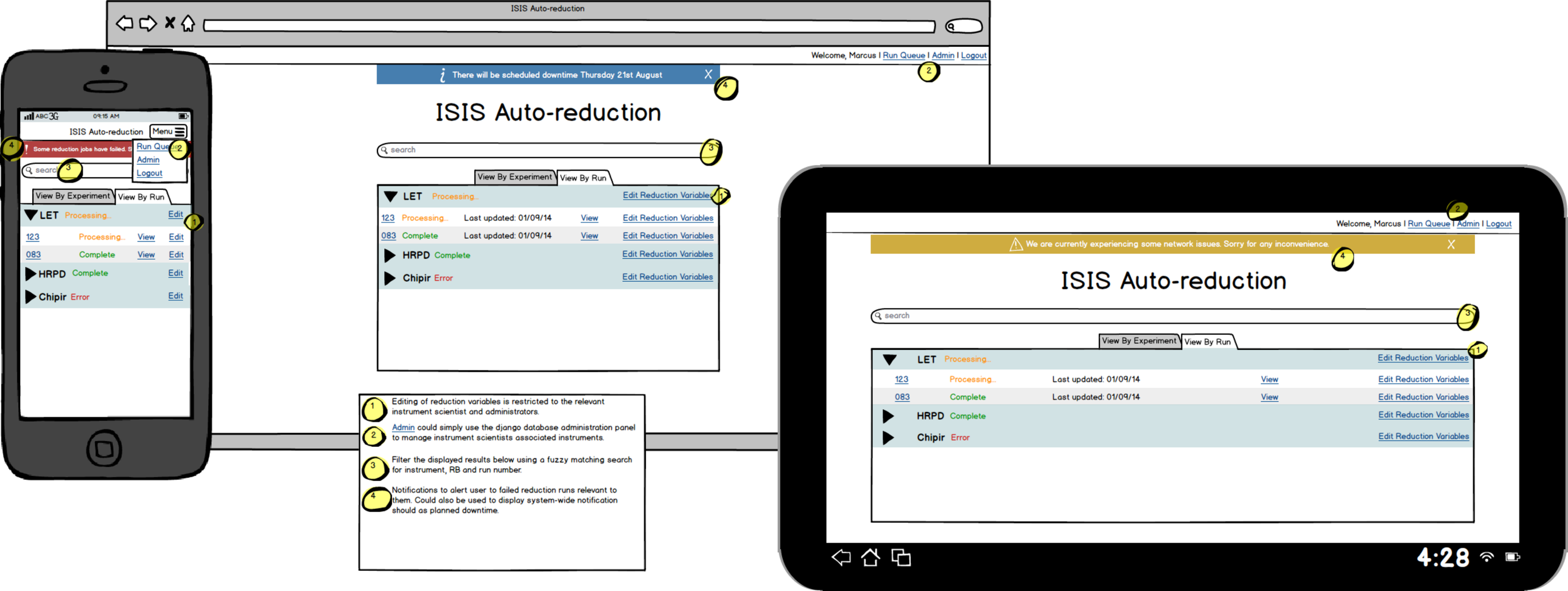
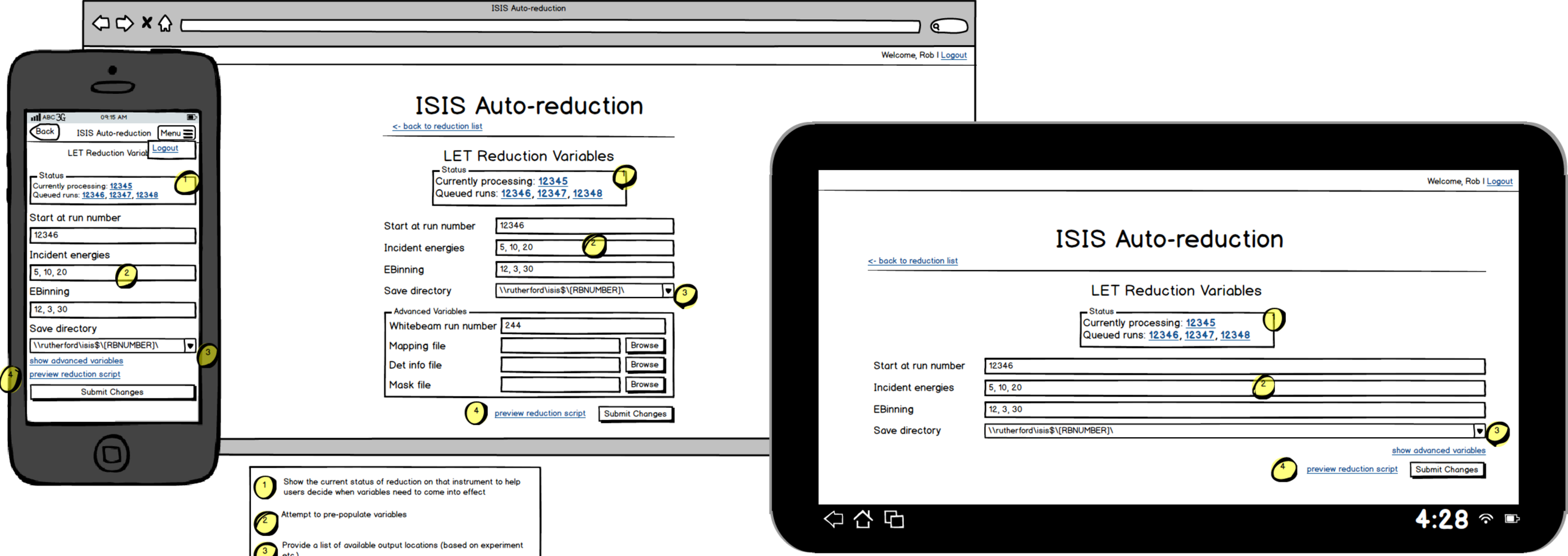
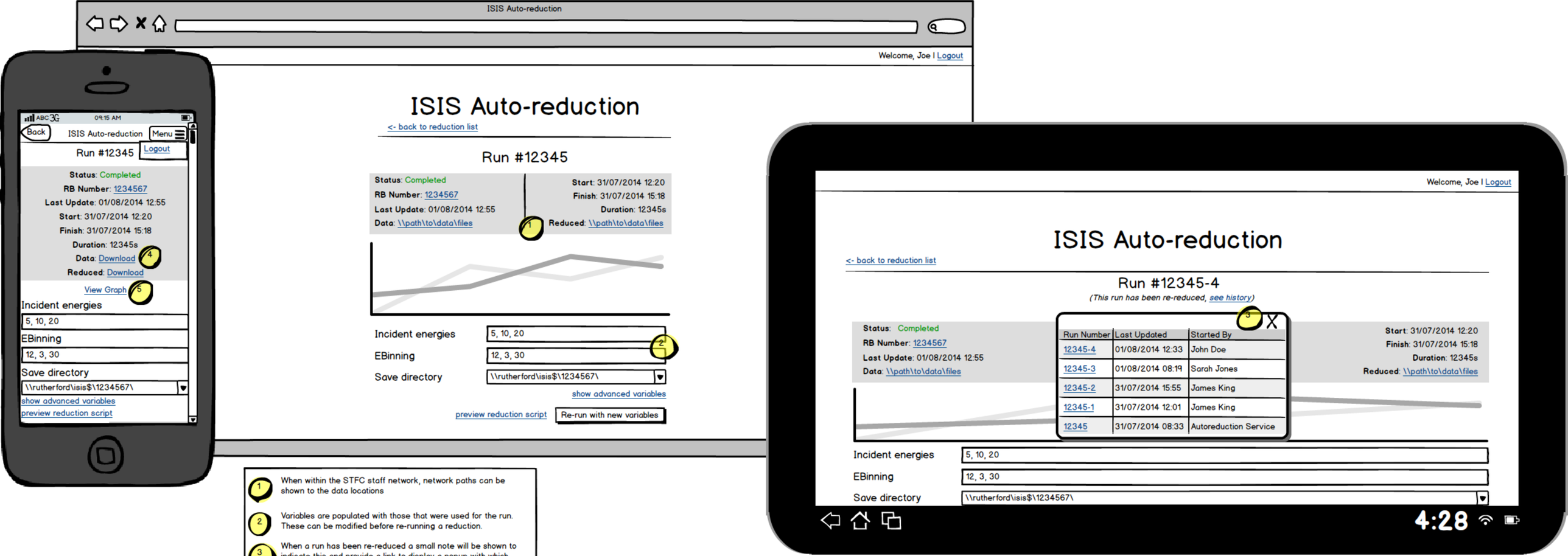
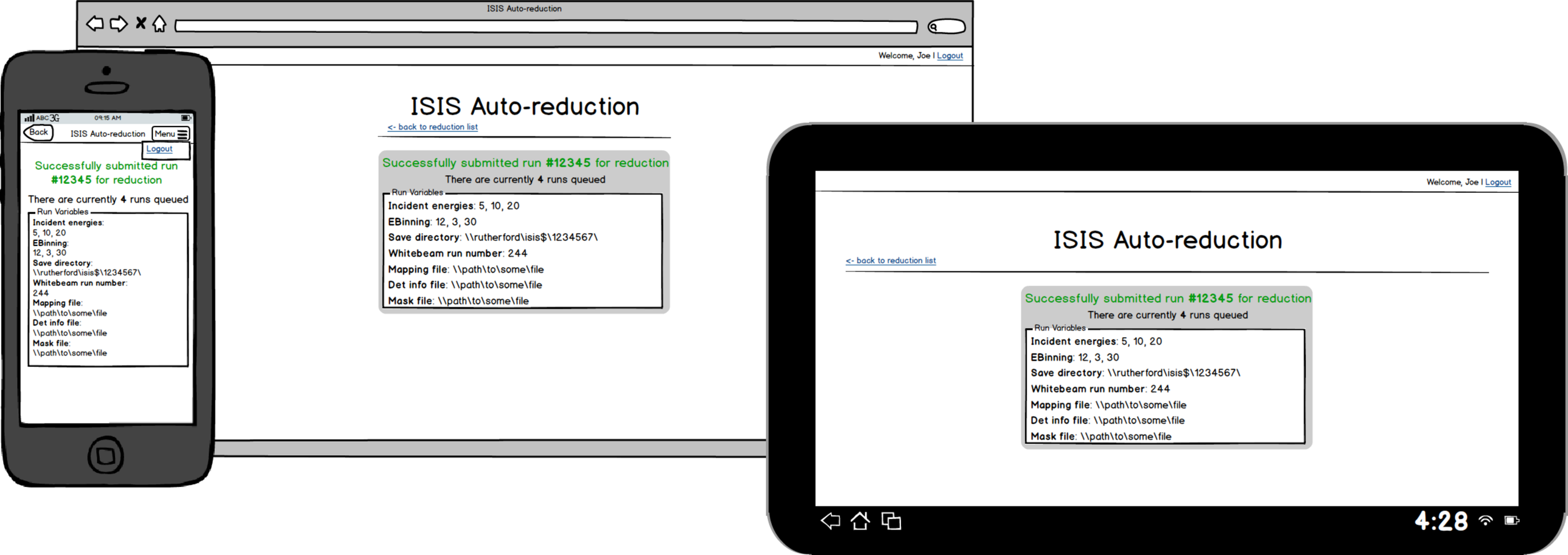

ISIS Auto-reduction
Welcome, please sign in
ISIS Auto-reduction
Sign In
Please sign in using your STFC online credentials (those that are used for ICAT)
Your username or password are incorrect
Username
incorect@email.com
forgot username?
Password
forgot password?
Sign In
1
2
ABC 3G
09:15 AM
ISIS Auto-reduction
Sign In
Please sign in using your STFC online credentials (those that are used for ICAT)
Username and password required
Username
forgot username?
Password
forgot 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 username?
Password
forgot password?
Sign In
4:28
1
Client-side and server-side error messages
2
Makes use of the BusApps web service to perform reminders

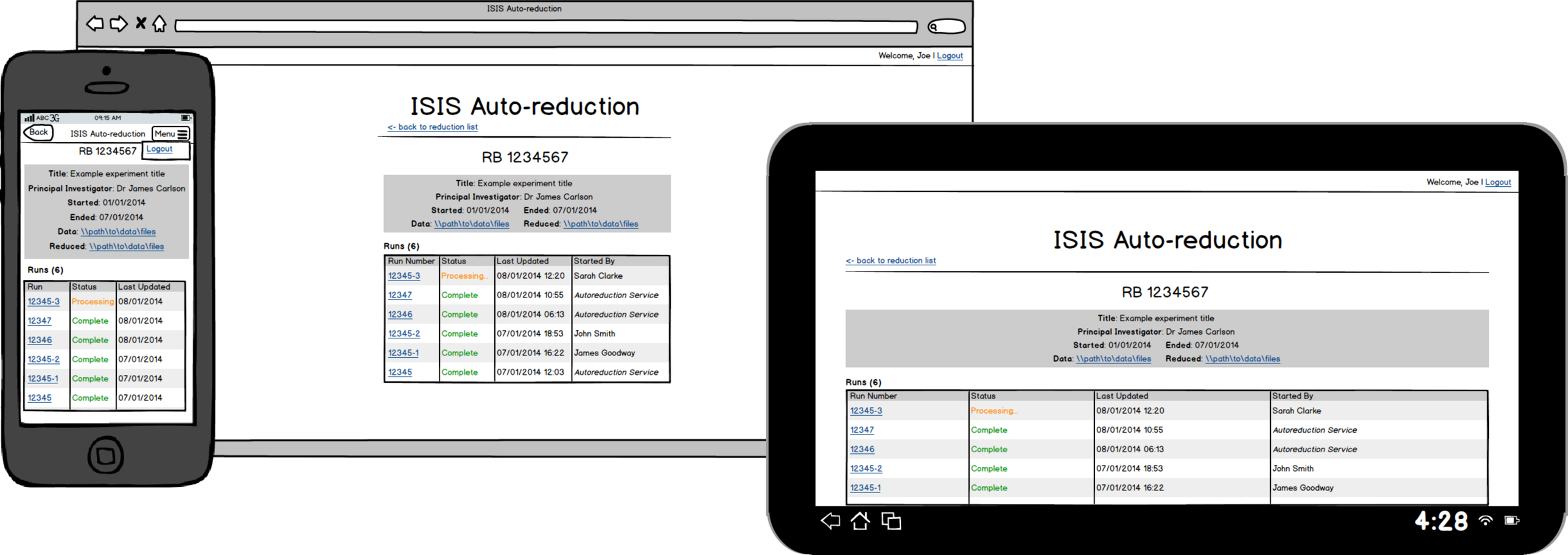

ISIS Auto-reduction
Welcome, Marcus | Run Queue | Admin | Logout
Some reduction jobs have failed. See below for details
ISIS Auto-reduction
search
View By Experiment
View By Run
LET Processing... Edit Reduction Variables
RB123456 Processing...
* 123-1 Processing... Last updated: 01/09/14
123 Complete Last updated: 31/08/14
083 Complete Last updated: 01/08/14
HRPD Complete Edit Reduction Variables
Chipir Error Edit Reduction Variables
ABC 3G 09:15 AM
ISIS Auto-reduction Menu
Run Queue
Admin
Logout
Some reduction jobs have failed.
search
View By Experiment
View By Run
LET Processing... Edit
RB123456 Processing...
123 Processing... View Edit
083 Complete View Edit
HRPD Complete Edit
Chipir Error Edit
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
Welcome, Marcus | Run Queue | Admin | Logout
Some reduction jobs have failed. See below for details
ISIS Auto-reduction
search
View By Experiment
View By Run
LET Processing... Edit Reduction Variables
RB123456 Processing...
123 Processing... Last updated: 01/09/14 View Edit Reduction Variables
083 Complete Last updated: 01/09/14 View Edit Reduction Variables
HRPD Complete Edit Reduction Variables
Chipir Error Edit Reduction Variables
4:28

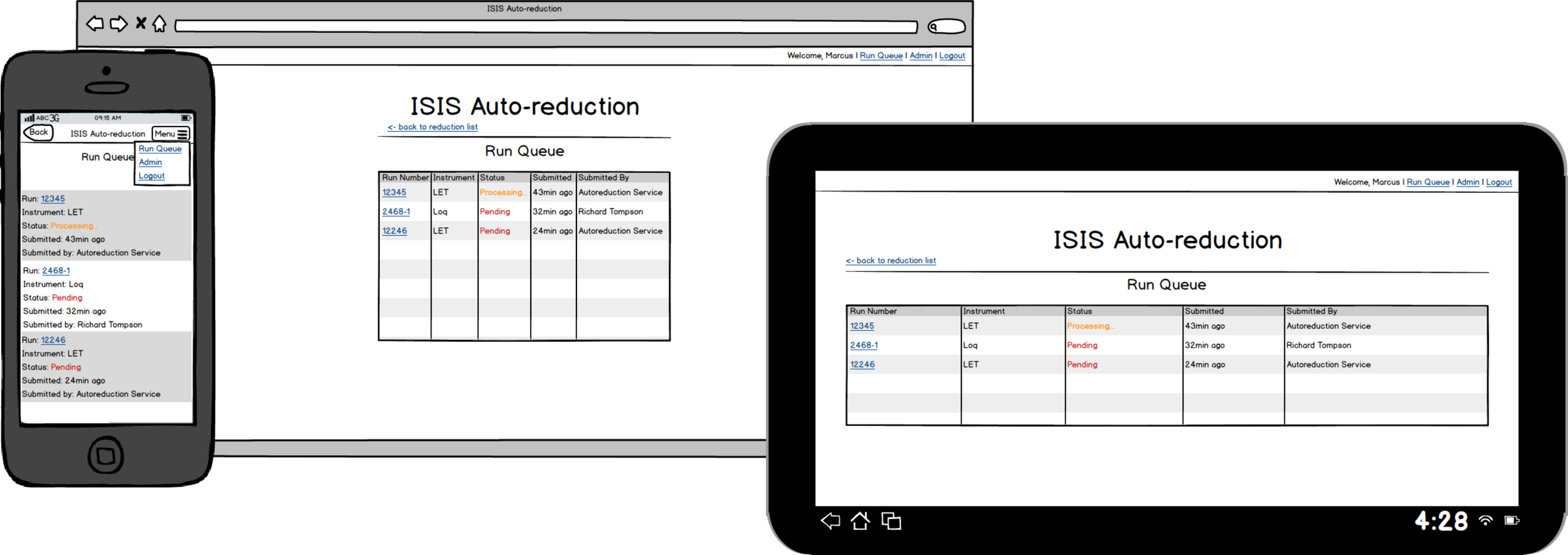

ISIS Auto-reduction
Welcome, Marcus | Run Queue | Admin | Logout
There will be scheduled downtime Thursday 21st August
ISIS Auto-reduction
search
View By Experiment
View By Run
LET Processing... Edit Reduction Variables
123 Processing... Last updated: 01/09/14 View Edit Reduction Variables
083 Complete Last updated: 01/09/14 View Edit Reduction Variables
HRPD Complete Edit Reduction Variables
Chipir Error Edit Reduction Variables
ABC 3G 09:15 AM
ISIS Auto-reduction Menu
Some reduction jobs have failed.
Run Queue
Admin
Logout
We are currently experiencing some network issues. Sorry for any inconvenience.
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.


ISIS Auto-reduction
Welcome, Rob | Logout
ISIS Auto-reduction
<- back to reduction list
LET Reduction Variables
Status
Currently processing: 12345
Queued runs: 12346, 12347, 12348
Start at run number
12346
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
\\rutherford\isis$\[RBNUMBER]\
Advanced Variables
Whitebeam run number
244
Mapping file
Det info file
Mask file
Browse
preview reduction script
Submit Changes
show advanced variables
4:28
Back
Menu
Logout
1
2
3
4
Show the current status of reduction on that instrument to help users decide when variables need to come into effect
Attempt to pre-populate variables
Provide a list of available output locations (based on experiment etc.)
Generate a python file with the variables updated for the user to check its correct


ISIS Auto-reduction
Welcome, Joe I Logout
ISIS Auto-reduction
<- back to reduction list
Run #12345
Status: Completed
RB Number: 1234567
Last Update: 01/08/2014 12:55
Data: \\path\to\data\files
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Reduced: \\path\to\data\files
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
\\rutherford\isis$\1234567\
show advanced variables
preview reduction script
Re-run with new variables
ABC 3G
09:15 AM
Back
ISIS Auto-reduction
Menu
Run #12345
Logout
Status: Completed
RB Number: 1234567
Last Update: 01/08/2014 12:55
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Data: Download
Reduced: Download
View Graph
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
\\rutherford\isis$\1234567\
show advanced variables
preview reduction script
Welcome, Joe I 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: \\path\to\data\files
Run Number
Last Updated
Started By
12345-4
01/08/2014 12:33
John Doe
12345-3
01/08/2014 08:19
Sarah Jones
12345-2
31/07/2014 15:55
James King
12345-1
31/07/2014 12:01
James King
12345
31/07/2014 08:33
Autoreduction Service
Start: 31/07/2014 12:20
Finish: 31/07/2014 15:18
Duration: 12345s
Reduced: \\path\to\data\files
Incident energies
5, 10, 20
EBinning
12, 3, 30
Save directory
\\rutherford\isis$\1234567\
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


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$\1234567\
Whitebeam run number: 244
Mapping file: \\path\to\some\file
Det info file: \\path\to\some\file
Mask file: \\path\to\some\file
ABC 3G
09:15 AM
Back
ISIS Auto-reduction
Menu
Logout
Successfully submitted run #12345 for reduction
There are currently 4 runs queued
Run Variables
Incident energies:
5, 10, 20
EBinning:
12, 3, 30
Save directory:
\\rutherford\isis$\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 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


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
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
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
09:15 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


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
ABC 3G
09:15 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
4:28