



SRV Management System

End User Documentation v00.0011

By Team NAG

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This documentation is intended for staff at ITWorks who are new to using SRV Management System. SRV Management System is owned by Team NAG and is distributed to the public as freeware.

This document is written in accordance to the ISO guidelines for software related user documentation.

Introduction to SRV

SRV will allow you to centralize your channel of communication with Students, Lecturers and Administration staff.

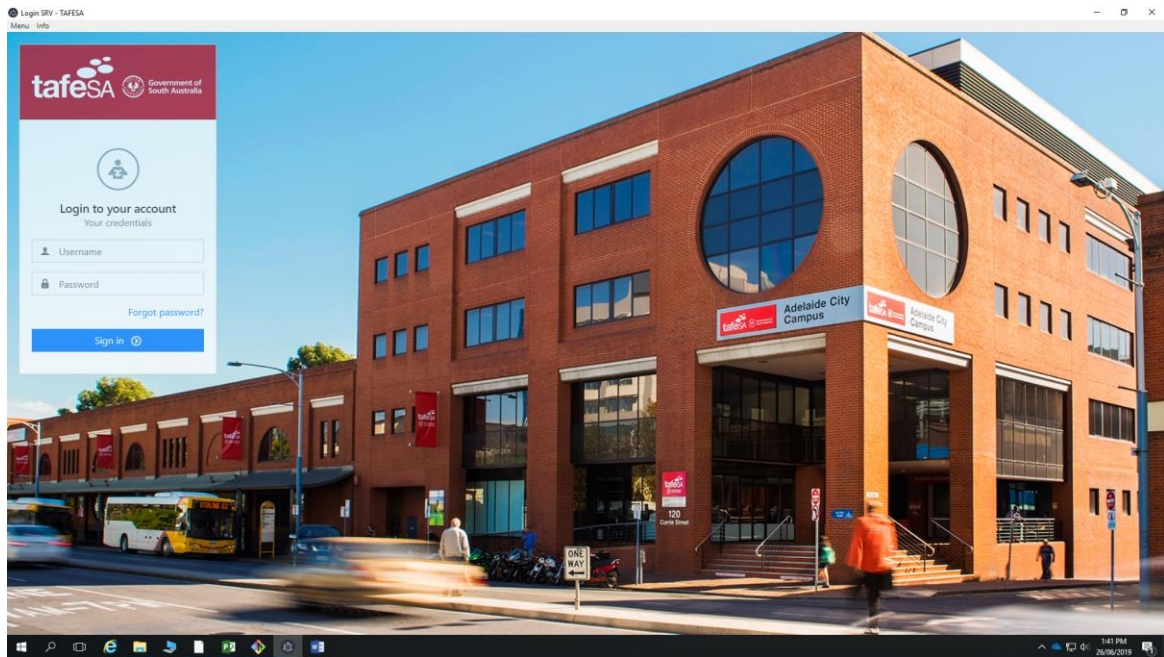


Figure 1: SRV Management System when first opened

SRV Management System will require:

- Microsoft Windows 2000 or greater, Linux or MAC
- CPU: 400 MHz or greater
- RAM: 512 MB or greater
- 500 MB hard drive space available

Installation instructions

Where to locate the program

SRV Management System can be found on their website at:

<https://github.com/thinn5/5WORK2019>

Just clone the repository and execute the file.

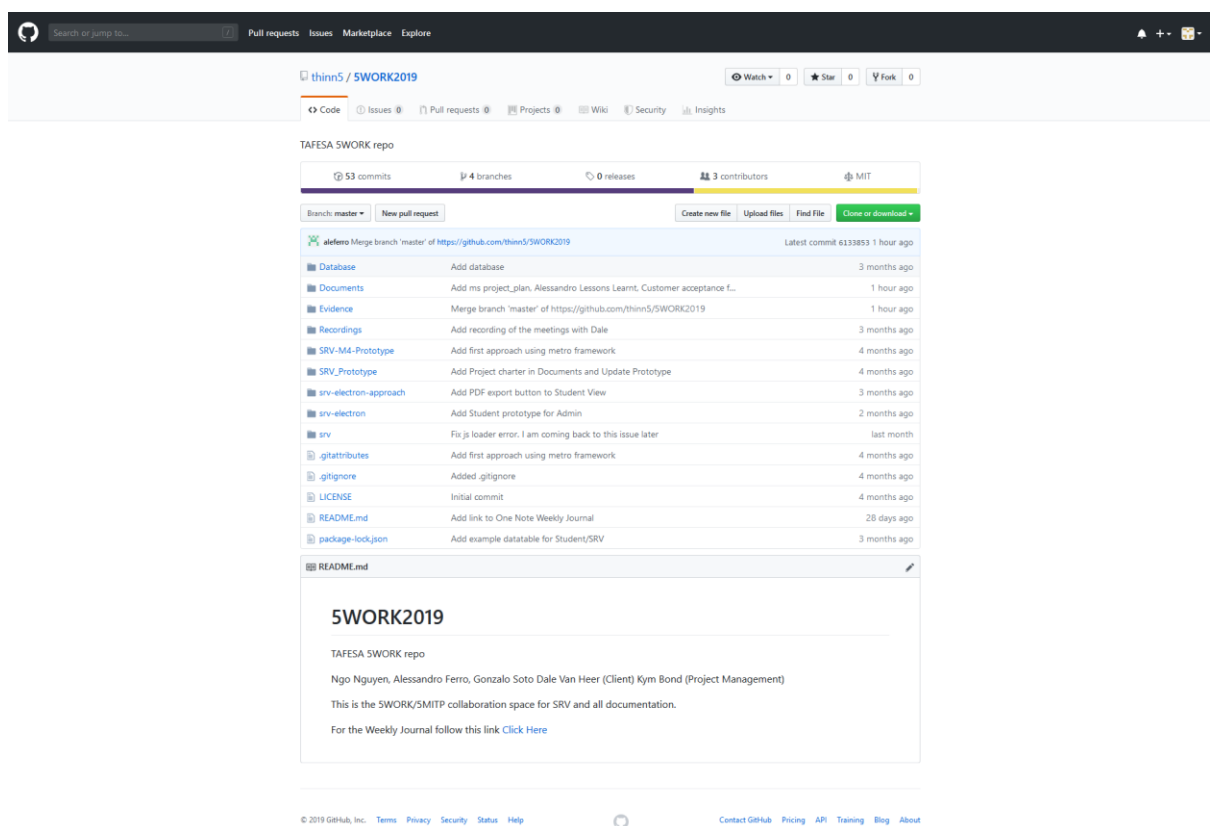
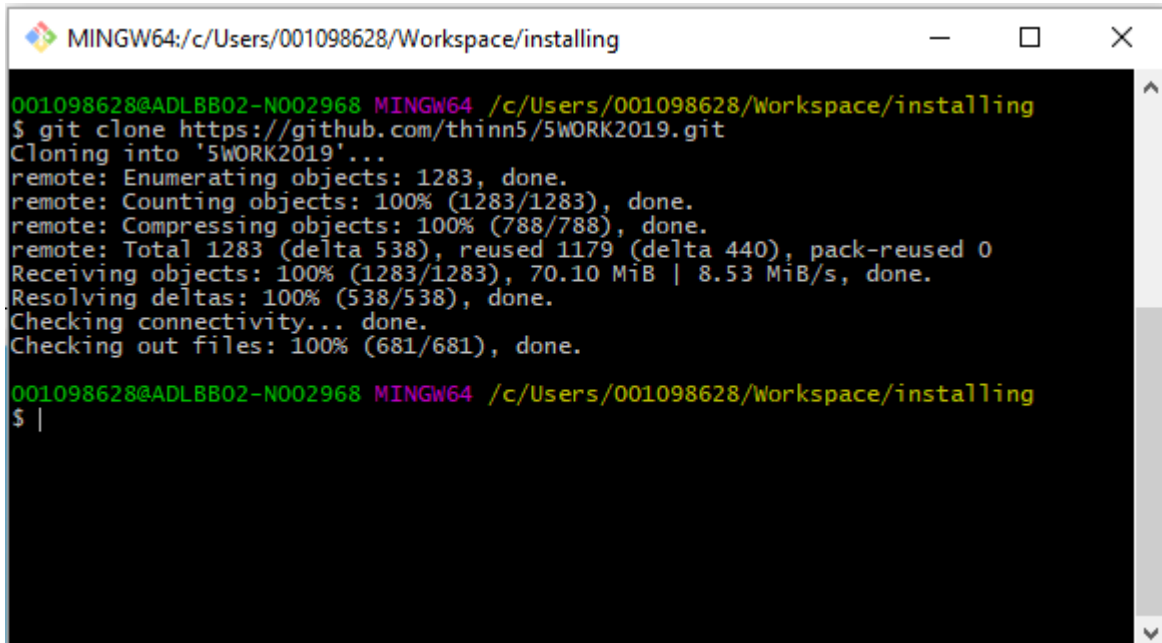


Figure 2: The download page for SRV Management System

How to install SRV Management System using the Installation File

To install SRV Management System you will need to clone the repository <https://github.com/thinn5/5WORK2019>

1. Double click on the installation file to start the installation wizard.

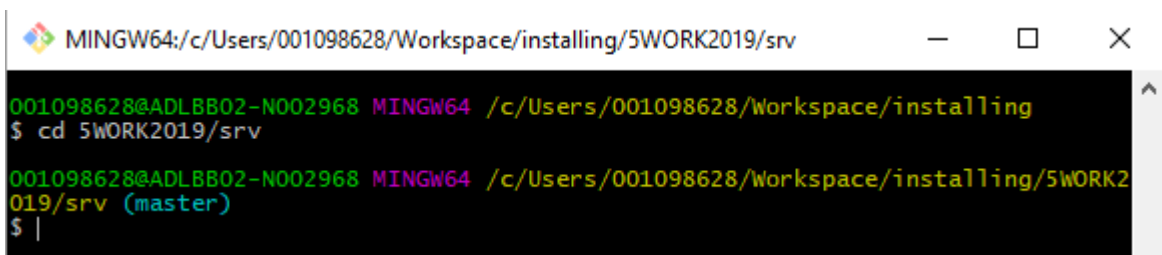
A screenshot of a Windows terminal window titled 'MINGW64:/c/Users/001098628/Workspace/installing'. The terminal shows the execution of the 'git clone' command to clone the repository 'https://github.com/thinn5/5WORK2019.git'. The output shows the cloning process, including enumerating, counting, and compressing objects, and checking out files. The prompt returns to the shell after the clone is complete.

```
MINGW64:/c/Users/001098628/Workspace/installing
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing
$ git clone https://github.com/thinn5/5WORK2019.git
Cloning into '5WORK2019'...
remote: Enumerating objects: 1283, done.
remote: Counting objects: 100% (1283/1283), done.
remote: Compressing objects: 100% (788/788), done.
remote: Total 1283 (delta 538), reused 1179 (delta 440), pack-reused 0
Receiving objects: 100% (1283/1283), 70.10 MiB | 8.53 MiB/s, done.
Resolving deltas: 100% (538/538), done.
Checking connectivity... done.
Checking out files: 100% (681/681), done.
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing
$ |
```

Figure 3: Starting the Installation for SRV Management System

Note: You may need administration privileges to install programs on your computer in which case give the program permission to do so when prompted or ask your supervisor before installing.

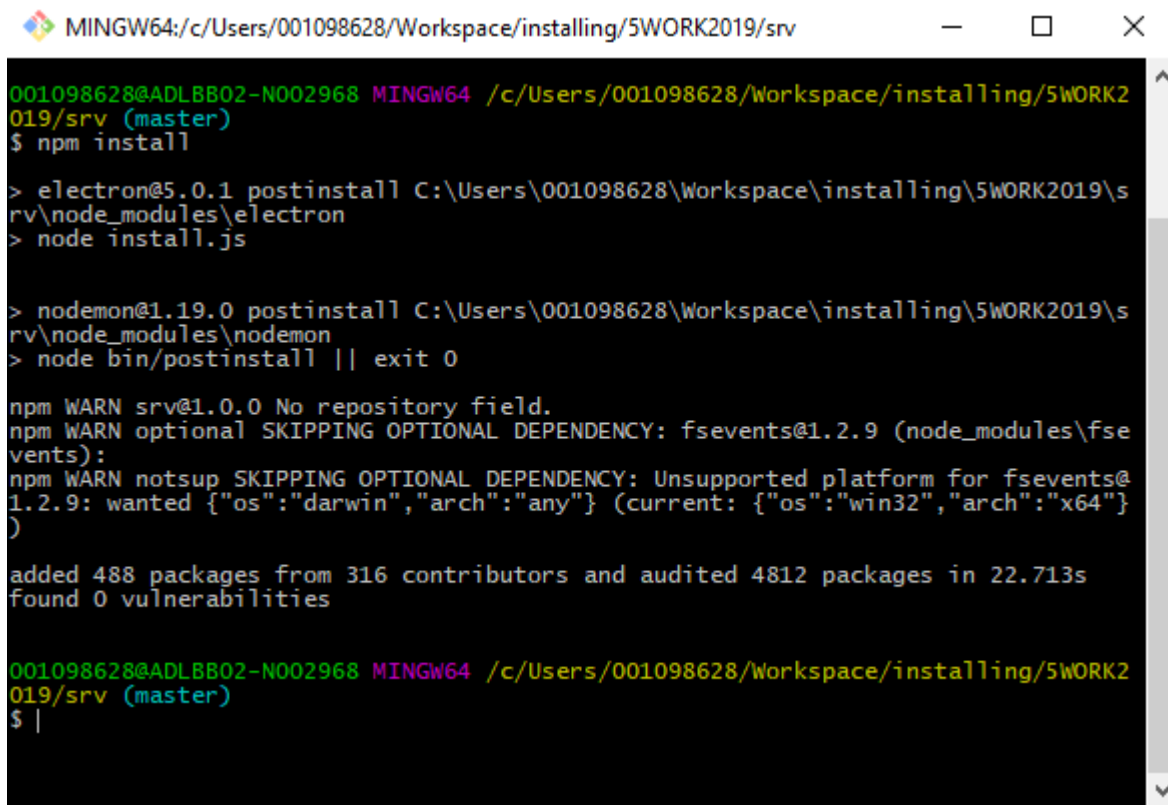
2. Navigate to the folder srv.

A screenshot of a Windows terminal window titled 'MINGW64:/c/Users/001098628/Workspace/installing/5WORK2019/srv'. The terminal shows the execution of the 'cd' command to navigate into the '5WORK2019/srv' directory. The output shows the current directory and the status of the repository (master). The prompt returns to the shell after the navigation is complete.

```
MINGW64:/c/Users/001098628/Workspace/installing/5WORK2019/srv
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing
$ cd 5WORK2019/srv
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing/5WORK2
019/srv (master)
$ |
```

Figure 4: Navigating into the srv folder

3. Execute the installer npm install



```
MINGW64:/c/Users/001098628/Workspace/installing/5WORK2019/srv
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing/5WORK2019/srv (master)
$ npm install

> electron@5.0.1 postinstall C:\Users\001098628\Workspace\installing\5WORK2019\srv\node_modules\electron
> node install.js

> nodemon@1.19.0 postinstall C:\Users\001098628\Workspace\installing\5WORK2019\srv\node_modules\nodemon
> node bin/postinstall || exit 0

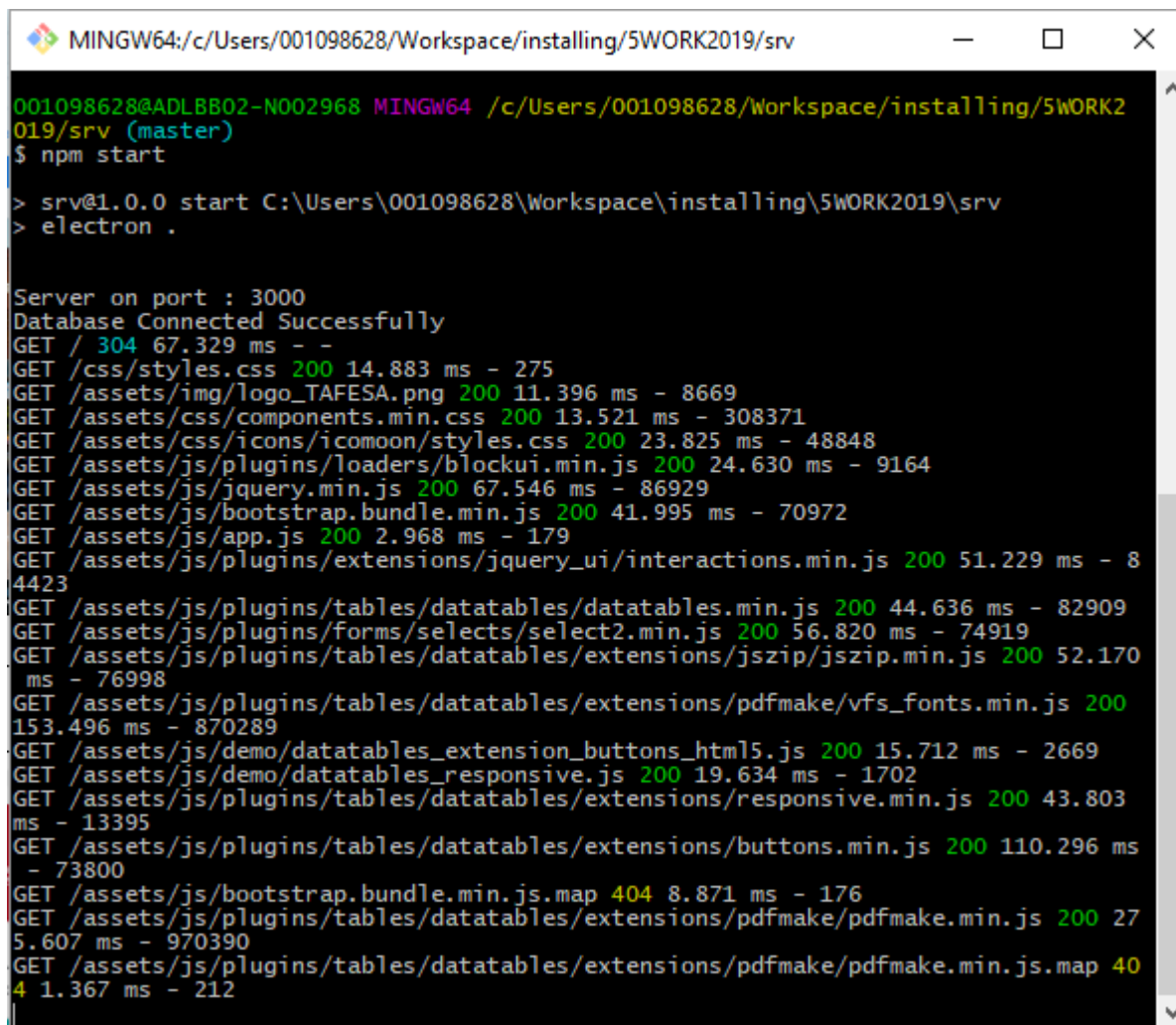
npm WARN srv@1.0.0 No repository field.
npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.9 (node_modules\fsevents):
npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.9: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64"})

added 488 packages from 316 contributors and audited 4812 packages in 22.713s
found 0 vulnerabilities

001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing/5WORK2019/srv (master)
$ |
```

Figure 5: Executing the installer for SRV Management System

4. Start your program.



```

MINGW64:/c/Users/001098628/Workspace/installing/5WORK2019/srv
001098628@ADLBB02-N002968 MINGW64 /c/Users/001098628/Workspace/installing/5WORK2
019/srv (master)
$ npm start

> srv@1.0.0 start C:\Users\001098628\Workspace\installing\5WORK2019\srv
> electron .

Server on port : 3000
Database Connected Successfully
GET / 304 67.329 ms - -
GET /css/styles.css 200 14.883 ms - 275
GET /assets/img/logo_TAFESA.png 200 11.396 ms - 8669
GET /assets/css/components.min.css 200 13.521 ms - 308371
GET /assets/css/icons/icomoon/styles.css 200 23.825 ms - 48848
GET /assets/js/plugins/loaders/blockui.min.js 200 24.630 ms - 9164
GET /assets/js/jquery.min.js 200 67.546 ms - 86929
GET /assets/js/bootstrap.bundle.min.js 200 41.995 ms - 70972
GET /assets/js/app.js 200 2.968 ms - 179
GET /assets/js/plugins/extensions/jquery_ui/interactions.min.js 200 51.229 ms - 84423
GET /assets/js/plugins/tables/datatables/datatables.min.js 200 44.636 ms - 82909
GET /assets/js/plugins/forms/selects/select2.min.js 200 56.820 ms - 74919
GET /assets/js/plugins/tables/datatables/extensions/jszip/jszip.min.js 200 52.170 ms - 76998
GET /assets/js/plugins/tables/datatables/extensions/pdfmake/vfs_fonts.min.js 200 153.496 ms - 870289
GET /assets/js/demo/datatables_extension_buttons_html5.js 200 15.712 ms - 2669
GET /assets/js/demo/datatables_responsive.js 200 19.634 ms - 1702
GET /assets/js/plugins/tables/datatables/extensions/responsive.min.js 200 43.803 ms - 13395
GET /assets/js/plugins/tables/datatables/extensions/buttons.min.js 200 110.296 ms - 73800
GET /assets/js/bootstrap.bundle.min.js.map 404 8.871 ms - 176
GET /assets/js/plugins/tables/datatables/extensions/pdfmake/pdfmake.min.js 200 275.607 ms - 970390
GET /assets/js/plugins/tables/datatables/extensions/pdfmake/pdfmake.min.js.map 404 1.367 ms - 212

```

Figure 6: Starting your program

5. Allow access if requested.

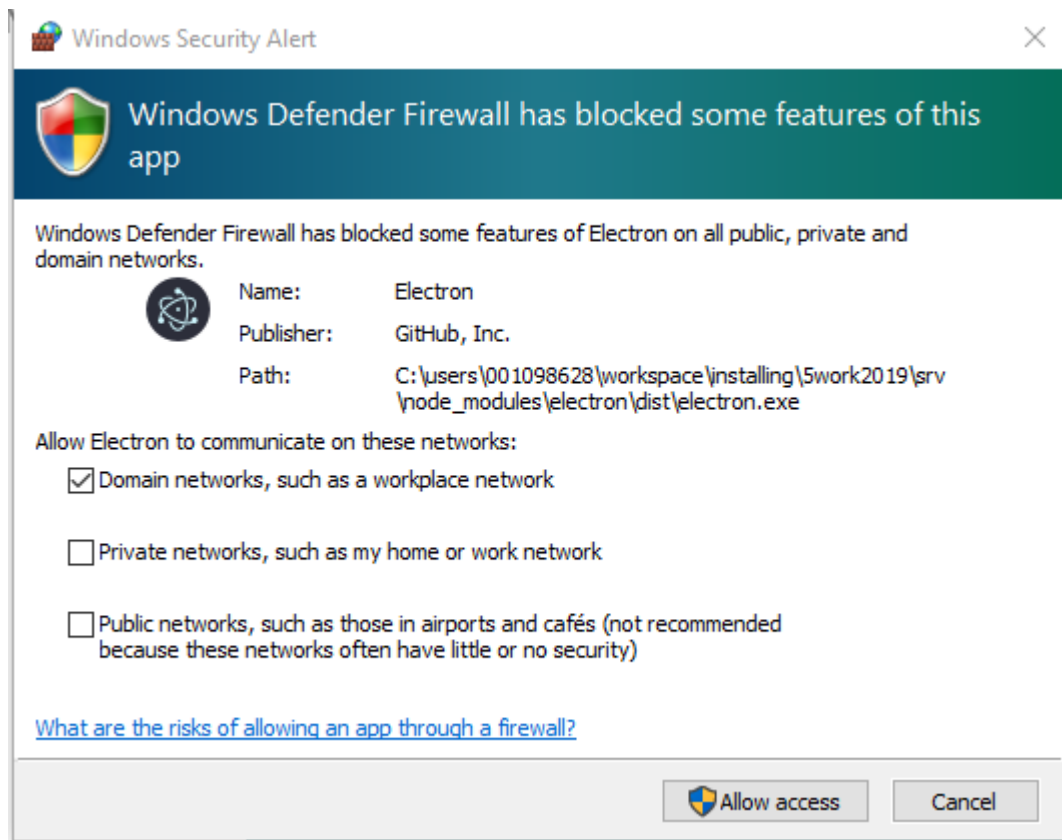


Figure 7: Allow access

How to use SRV Management System

How to login as a Student

Login as a Student. – User: student, Password: student

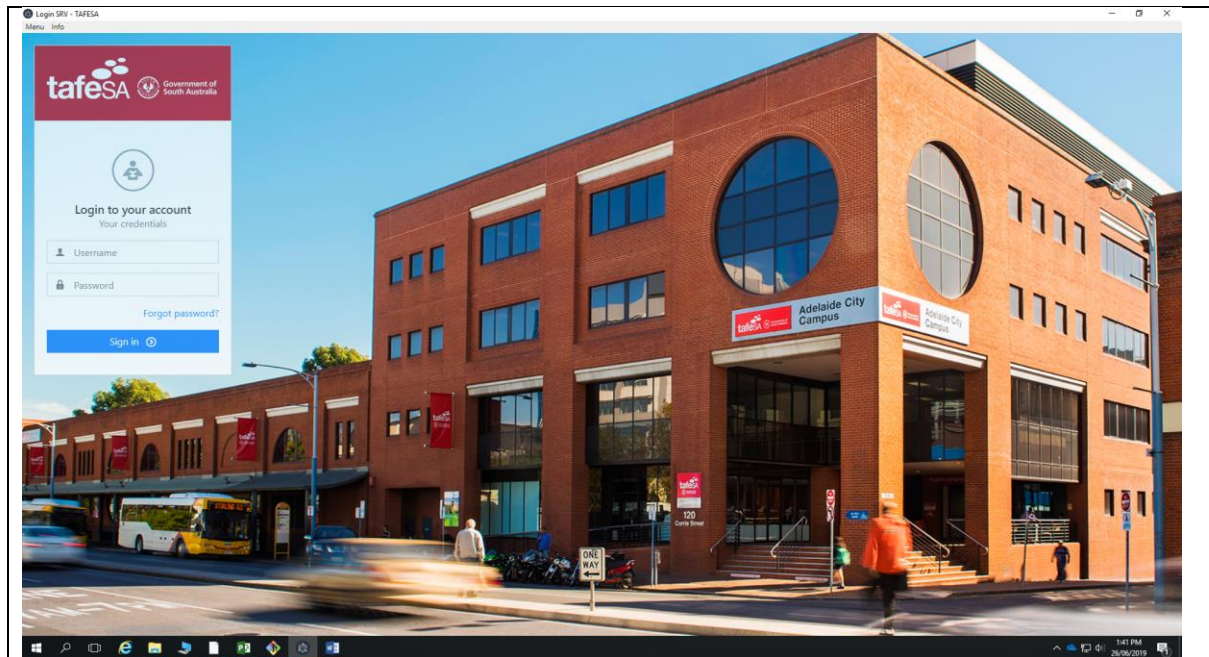


Figure 8: Main window for SRV Management System

How to view the dashboard

Once SRV Management System has finished checking your credentials it will send you to your dashboard.

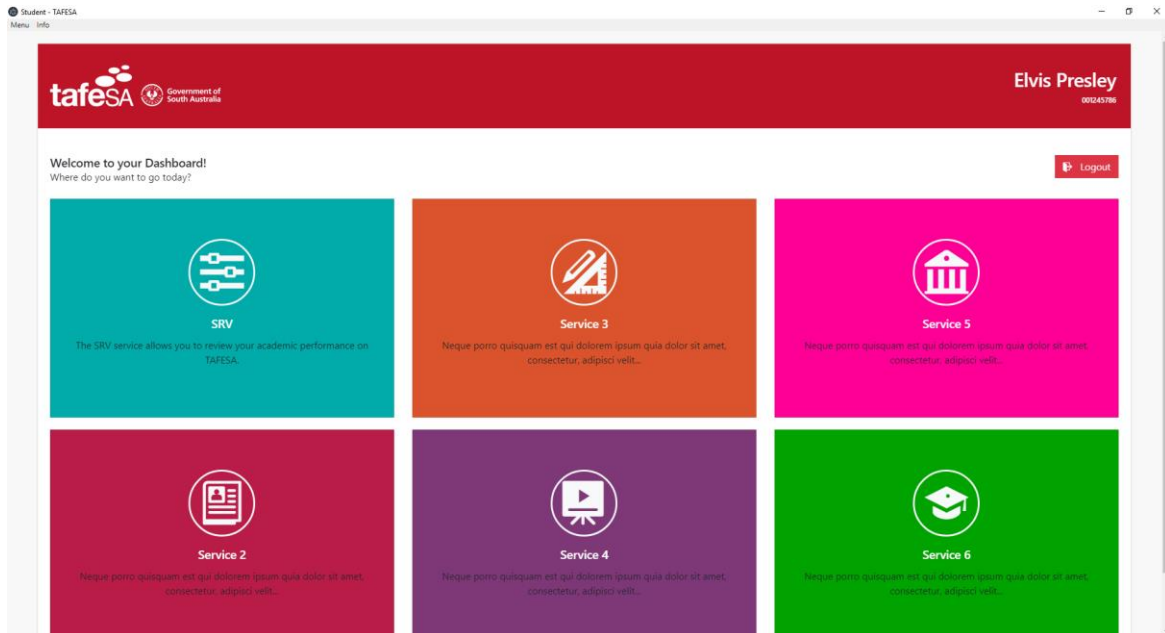


Figure 9: Student Dashboard

How to access SRV

The first icon will send you to the student SRV

tafeSA Government of South Australia Elvis Presley 0712457366

SRV
The SRV is at your service Logout

Dashboard SRV Service 2 Service 3 Service 4 Service 5 Service 6

Select Qualification: Choose...

Progress: 30% 20% 10% 10%

Legend: Done Doing Pending Failed

Courses and Elements

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris varius dolor turpis, ac ultricies nisi feugiat ac. Pellentesque leo nisi, malesuada id luctus sed, accumsan id neque.

Filter: Type to filter... Show: 10 PDF

Name	Nominal Hours	Subject Code	National Code	Status	Type
<input checked="" type="checkbox"/> Apply advanced object-oriented language skills	80	TAADG	ICTPRG501	Done	Core
Elements <ol style="list-style-type: none"> 1. Develop client-server application 2. Develop graphical user interface (GUI) 3. Build applications 4. Debug code 5. Test application 6. Document system 					
<input checked="" type="checkbox"/> Apply advanced programming skills in another language	80	TAADN	ICTPRG523	Doing	Core
Elements <ol style="list-style-type: none"> 1. Develop client-server application 2. Develop graphical user interface (GUI) 3. Build applications 4. Debug code 5. Test application 6. Document system 					
<input checked="" type="checkbox"/> Apply intermediate object-oriented language skills	60	TAADP	ICTPRG527	Failed	Core
<input checked="" type="checkbox"/> Apply testing techniques for software development	40	TAADR	ICTPRG529	Pending	Core
<input checked="" type="checkbox"/> Build advanced user interface	60	TAAHY	ICTPRG505	Done	Elective
<input checked="" type="checkbox"/> Contribute to copyright, ethics and privacy in an ICT environment	40	TAABL	ICTICT418	Done	Core
<input checked="" type="checkbox"/> Create cloud computing services	60	TAAKA	ICTPRG604	Pending	Elective
<input checked="" type="checkbox"/> Debug and monitor applications	40	TAAIK	ICTPRG503	Pending	Core
<input checked="" type="checkbox"/> Debug and monitor applications	40	TAAIK	ICTPRG502	Failed	Core
<input checked="" type="checkbox"/> Deploy an application to a production environment	40	TAAID	ICTPRG504	Doing	Core

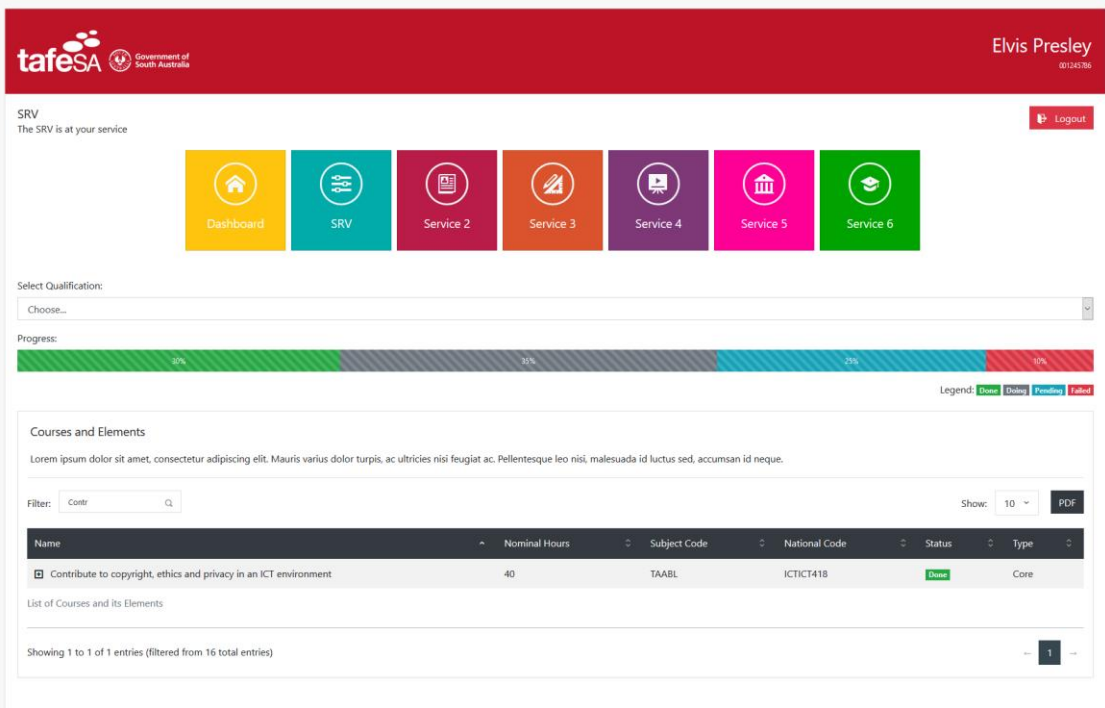
List of Courses and its Elements

Showing 1 to 10 of 16 entries 1 2

Figure 8: Student SRV

How to filter by courses

Find the filter input textbox and just type your keyword.



The screenshot shows the tafeSA SRV dashboard. At the top, there's a red header with the tafeSA logo and the Government of South Australia. The user is logged in as Elvis Presley. Below the header, there's a navigation bar with icons for Dashboard, SRV, Service 2, Service 3, Service 4, Service 5, and Service 6. The SRV icon is highlighted. Below the navigation bar, there's a section for "Select Qualification:" with a dropdown menu. Below that, there's a "Progress:" bar showing four segments: 30% (green), 10% (grey), 20% (blue), and 10% (red). Below the progress bar, there's a "Courses and Elements" section. It contains a filter input field with the text "Contr" and a search icon. To the right of the filter field, there's a "Show:" dropdown set to "10" and a "PDF" button. Below the filter field, there's a table with the following columns: Name, Nominal Hours, Subject Code, National Code, Status, and Type. The table contains one row with the following data: "Contribute to copyright, ethics and privacy in an ICT environment", 40, TAABL, ICTICT418, Done, and Core. Below the table, there's a "List of Courses and its Elements" section. At the bottom, there's a message: "Showing 1 to 1 of 1 entries (filtered from 16 total entries)".

SRV
The SRV is at your service

Logout

Dashboard SRV Service 2 Service 3 Service 4 Service 5 Service 6

Select Qualification:
Choose...

Progress:
30% 10% 20% 10%

Legend: Done Done Pending Failed

Courses and Elements
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris varius dolor turpis, ac ultricies nisi feugiat ac. Pellentesque leo nisi, malesuada id luctus sed, accumsan id neque.

Filter: Contr Q

Show: 10 PDF

Name	Nominal Hours	Subject Code	National Code	Status	Type
Contribute to copyright, ethics and privacy in an ICT environment	40	TAABL	ICTICT418	Done	Core

List of Courses and its Elements

Showing 1 to 1 of 1 entries (filtered from 16 total entries)

Figure 11: Filtering courses

How to export the table to a PDF file

Just click the PDF button

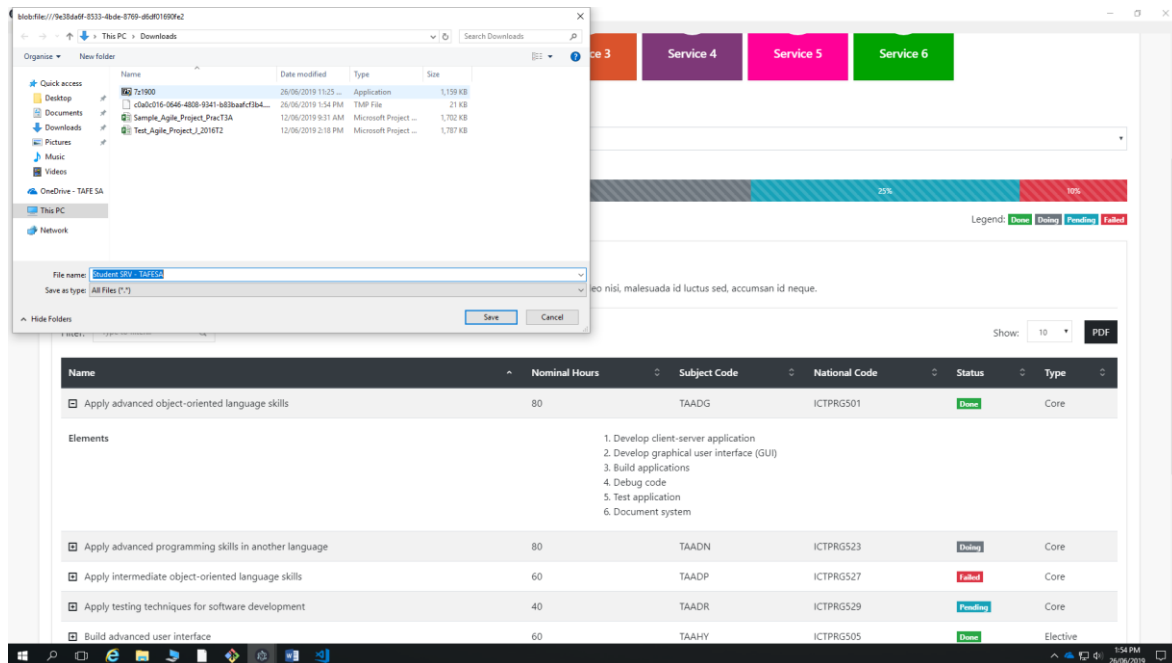


Figure 12: Exporting the PDF file

Student SRV - TAFESA

Name	Nominal Hours	Subject Code	National Code	Status	Type	Elements
Apply advanced object-oriented language skills	80	TAADG	ICTPRG501	Done	Core	Develop client-server application Develop graphical user interface (GUI) Build applications Debug code Test application Document system
Apply advanced programming skills in another language	80	TAADN	ICTPRG523	Doing	Core	Develop client-server application Develop graphical user interface (GUI) Build applications Debug code Test application Document system
Apply intermediate object-oriented language skills	60	TAADP	ICTPRG527	Failed	Core	Develop client-server application Develop graphical user interface (GUI) Build applications Debug code Test application Document system
Apply testing techniques for software development	40	TAADR	ICTPRG529	Pending	Core	Develop client-server application Develop graphical user interface (GUI) Build applications Debug code Test application Document system
Build advanced user interface	60	TAAHY	ICTPRG505	Done	Elective	Develop client-server application Develop graphical user interface (GUI) Build applications Debug code Test application Document system

Figure 13: PDF file

How to login as a Lecturer

Login as a Lecturer. – User: lecturer, Password: lecturer

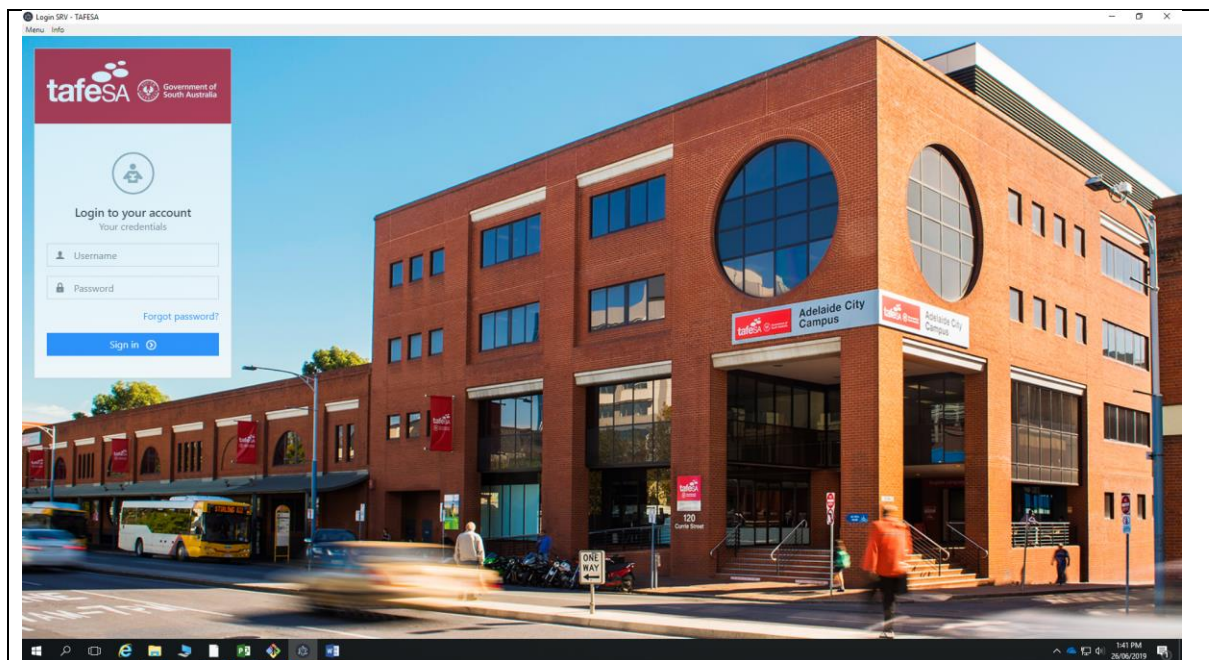


Figure 14: Main window for SRV Management System

How to view the dashboard

Once SRV Management System has finished checking your credentials it will send you to your dashboard.

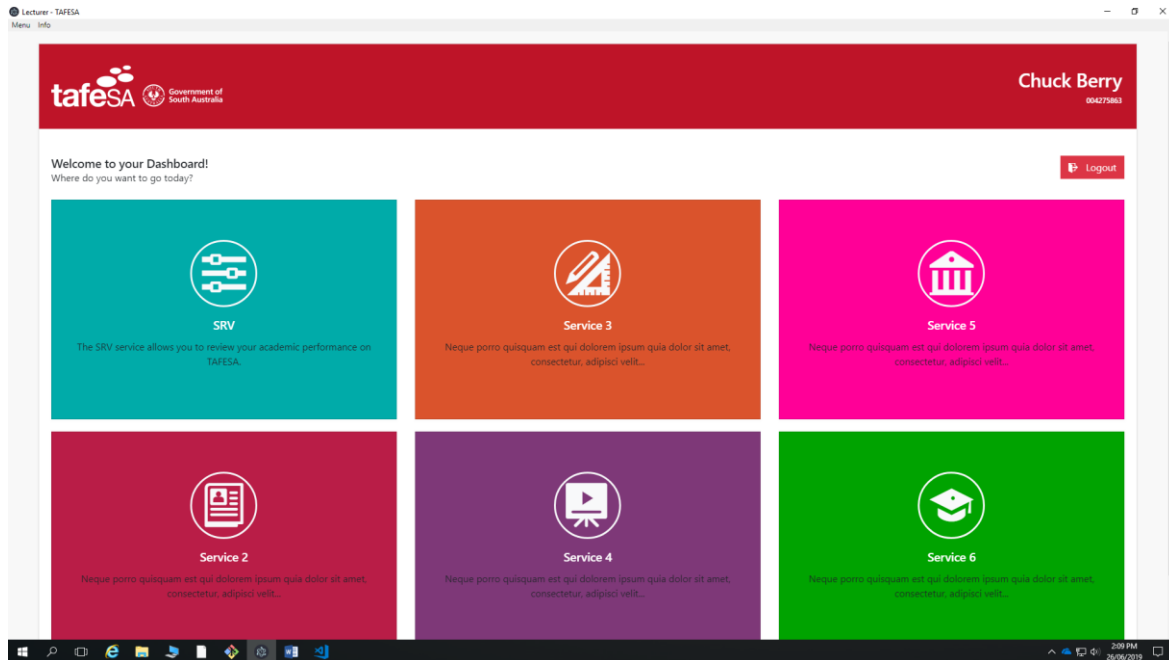


Figure 15: Lecturer Dashboard

How to access SRV

The first icon will send you to the Lecturer SRV

tafeSA Government of South Australia

Chuck Berry 094270863

SRV
The SRV is at your service

Logout

Dashboard SRV Service 2 Service 3 Service 4 Service 5 Service 6

Select Qualification:
Choose...

Select Student:
Choose...

Progress:
30% 35% 25% 10%

Legend: Done Doing Pending Failed

Courses and Elements
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris varius dolor turpis, ac ultricies nisi feugiat ac. Pellentesque leo nisi, malesuada id luctus sed, accumsan id neque.

Filter: Type to filter... Show: 10

Name	Nominal Hours	Subject Code	National Code	Status	Type
Apply advanced object-oriented language skills	80	TAADG	ICTPRGS01	Done	Core
Elements 1. Develop client-server application 2. Develop graphical user interface (GUI) 3. Build applications 4. Debug code 5. Test application 6. Document system					
Apply advanced programming skills in another language	80	TAADN	ICTPRGS23	Doing	Core
Apply intermediate object-oriented language skills	60	TAADP	ICTPRGS27	Failed	Core
Apply testing techniques for software development	40	TAADR	ICTPRGS29	Pending	Core
Build advanced user interface	60	TAAHY	ICTPRGS05	Done	Elective
Contribute to copyright, ethics and privacy in an ICT environment	40	TAABL	ICTICT418	Done	Core
Create cloud computing services	60	TAAKA	ICTPRG604	Pending	Elective
Debug and monitor applications	40	TAAKD	ICTPRGS03	Pending	Core
Debug and monitor applications	40	TAAKD	ICTPRGS02	Failed	Core
Deploy an application to a production environment	40	TAADL	ICTPRGS04	Doing	Core

List of Courses and its Elements

Showing 1 to 10 of 16 entries

1 2

Figure 16: Lecturer SRV

How to filter by courses

Find the filter input textbox and just type your keyword.

The screenshot shows the tafeSA SRV dashboard. At the top, there's a red header with the tafeSA logo and 'Government of South Australia' on the left, and 'Chuck Berry' with a phone number on the right. Below the header, there's a navigation bar with icons for Dashboard, SRV, Service 2, Service 3, Service 4, Service 5, and Service 6. The SRV icon is highlighted. Below the navigation bar, there's a 'Select Qualification' dropdown menu with 'Choose...' selected. Below that, there's a 'Select Student' dropdown menu with 'Choose...' selected. Below the dropdowns, there's a progress bar showing 30% completion. Below the progress bar, there's a legend with 'Done', 'Doing', 'Pending', and 'Failed' categories. Below the legend, there's a section titled 'Courses and Elements' with a placeholder text. Below this section, there's a filter input field with 'Des' entered. Below the filter input, there's a table with columns: Name, Nominal Hours, Subject Code, National Code, Status, and Type. The table contains three rows of data. Below the table, there's a 'List of Courses and its Elements' section. At the bottom, there's a pagination bar showing 'Showing 1 to 3 of 3 entries (filtered from 16 total entries)'.

SRV
The SRV is at your service

Logout

Dashboard SRV Service 2 Service 3 Service 4 Service 5 Service 6

Select Qualification:
Choose...

Select Student:
Choose...

Progress: 30% 30% 25% 10%

Legend: Done Doing Pending Failed

Courses and Elements
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Mauris varius dolor turpis, ac ultricies nisi feugiat ac. Pellentesque leo nisi, malesuada id luctus sed, accumsan id neque.

Filter: Des

Show: 10

Name	Nominal Hours	Subject Code	National Code	Status	Type
Design a database	50	TAAHC	ICTDB5502	Pending	Elective
Design application architecture	40	TAAHZ	ICTPRG506	Done	Elective
Validate an application design against specifications	40	TAAAD	ICTPRG520	Pending	Core

List of Courses and its Elements

Showing 1 to 3 of 3 entries (filtered from 16 total entries)

Figure 17: Filtering courses

How to login as an Administrator

Login as an Administrator. – User: admin, Password: admin

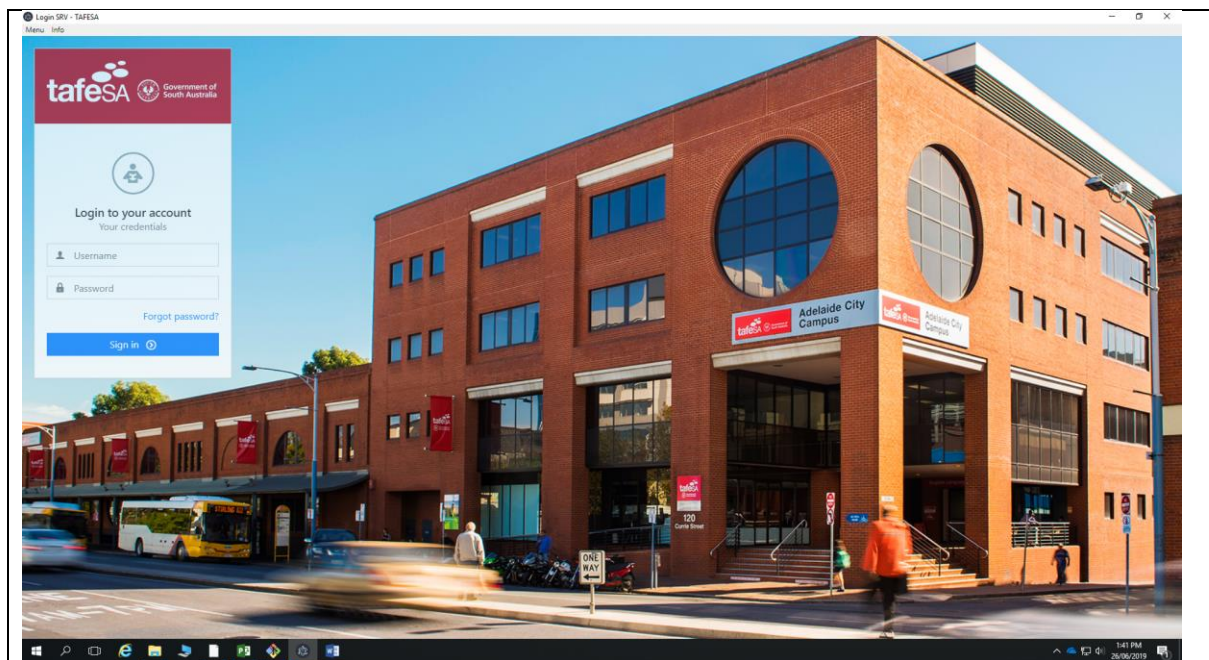


Figure 18: Main window for SRV Management System

How to view the dashboard

Once SRV Management System has finished checking your credentials it will send you to your maintainers for Admins, Lecturers and Students

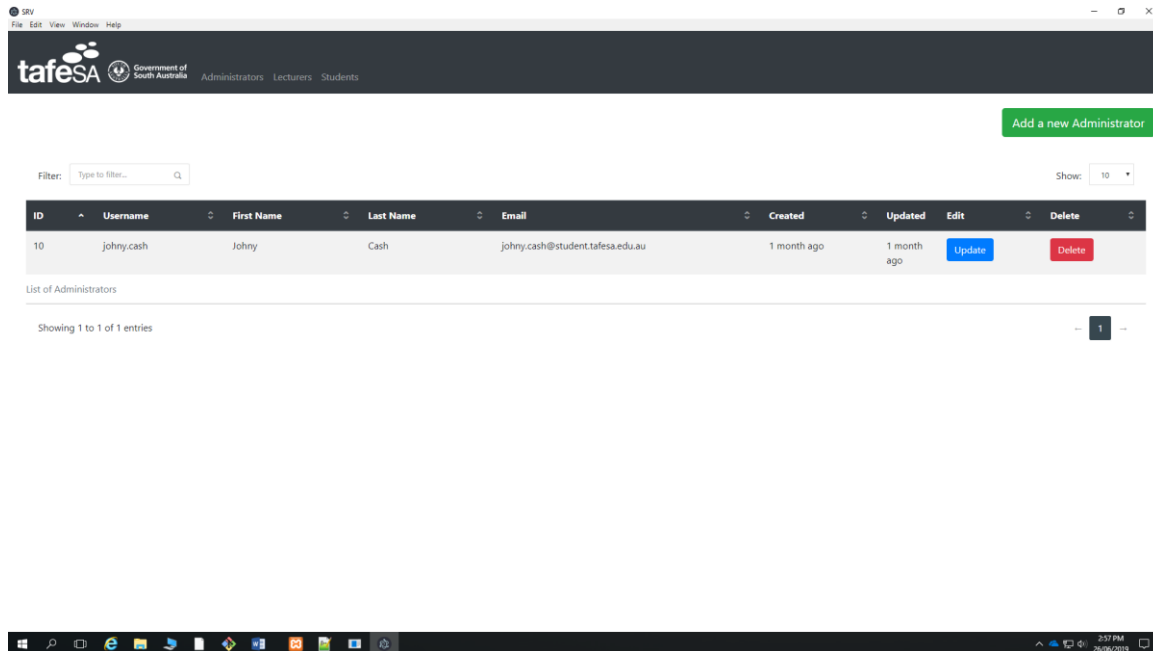
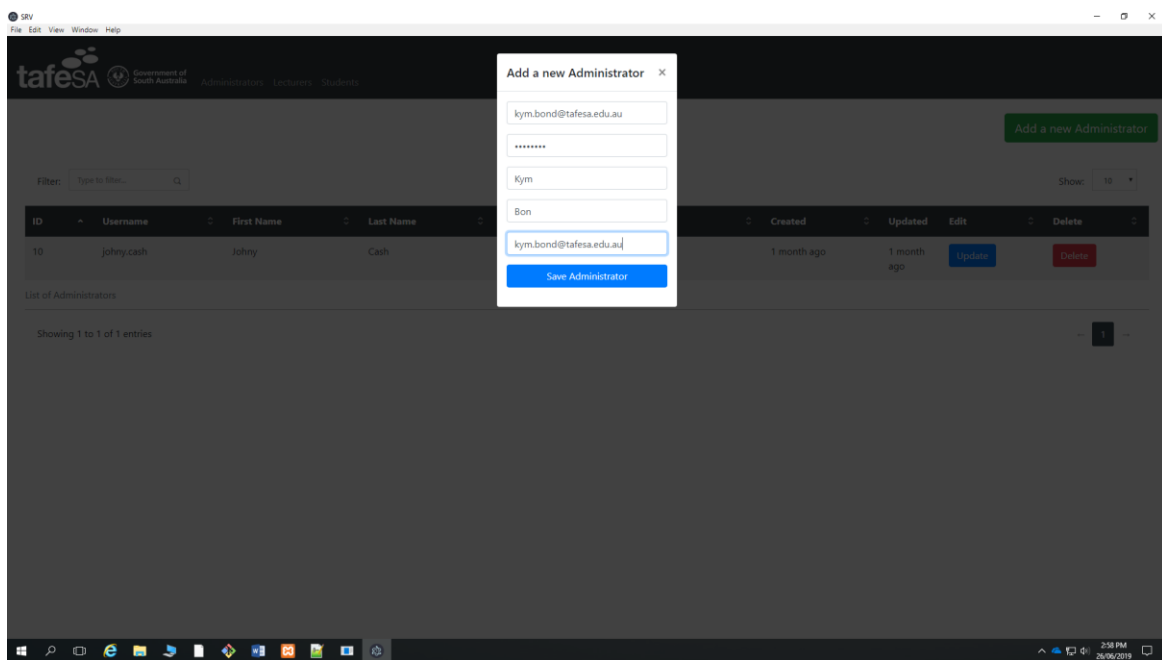
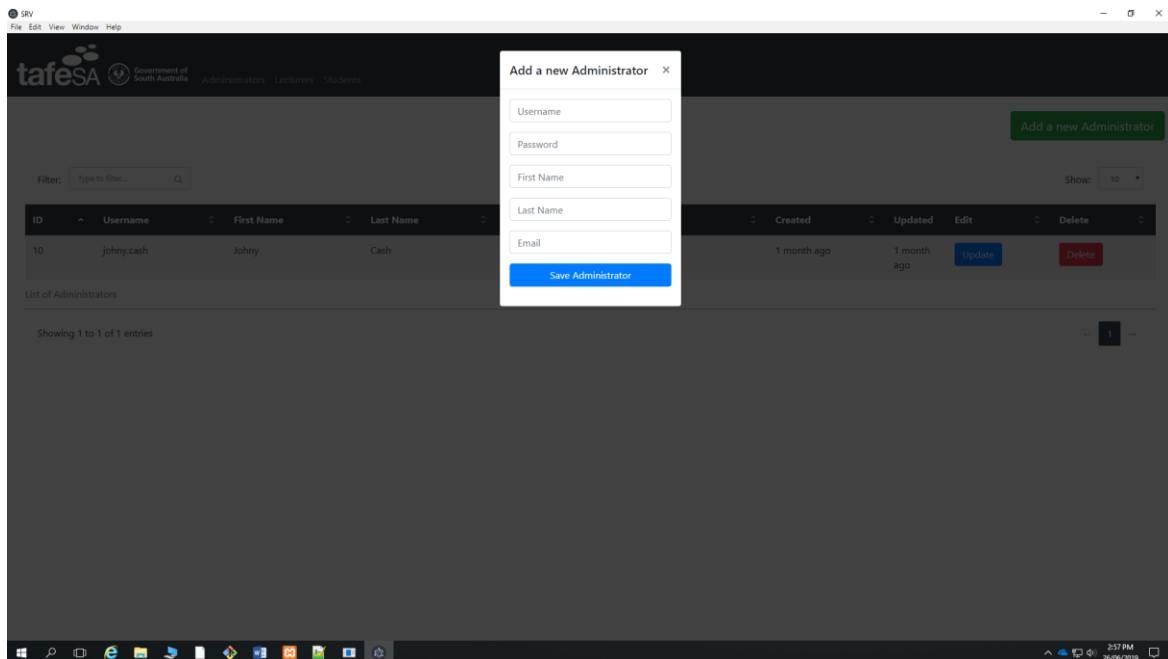


Figure 19: Admin CRUD

How to add an Administrator

Click the button “Add a new Administrator”



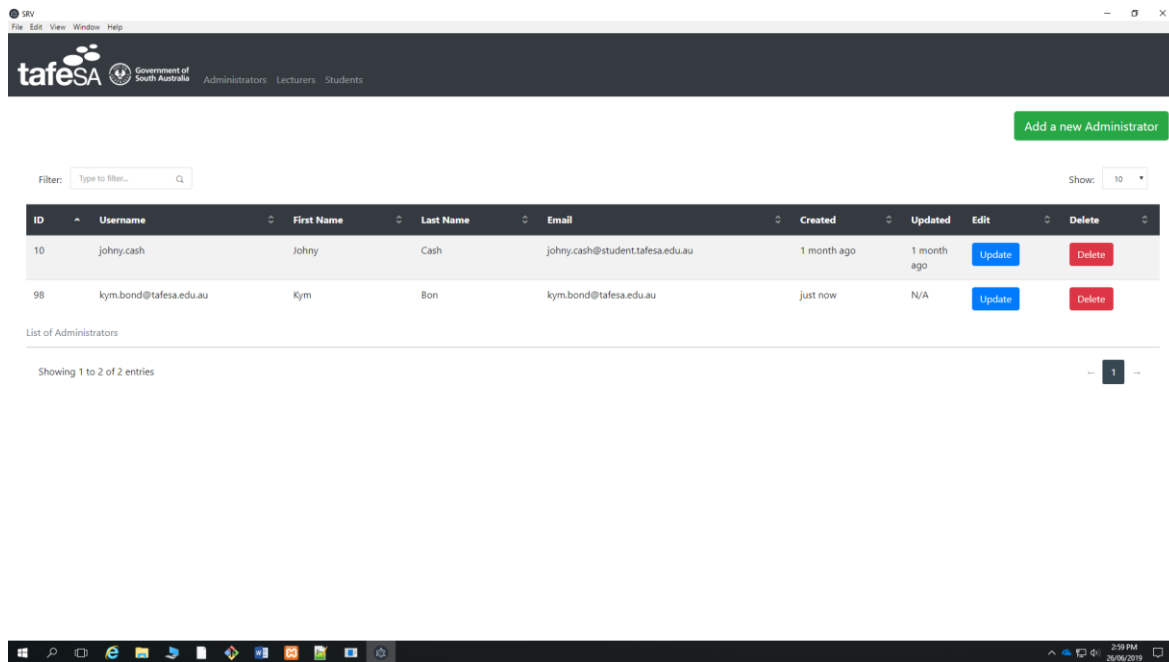
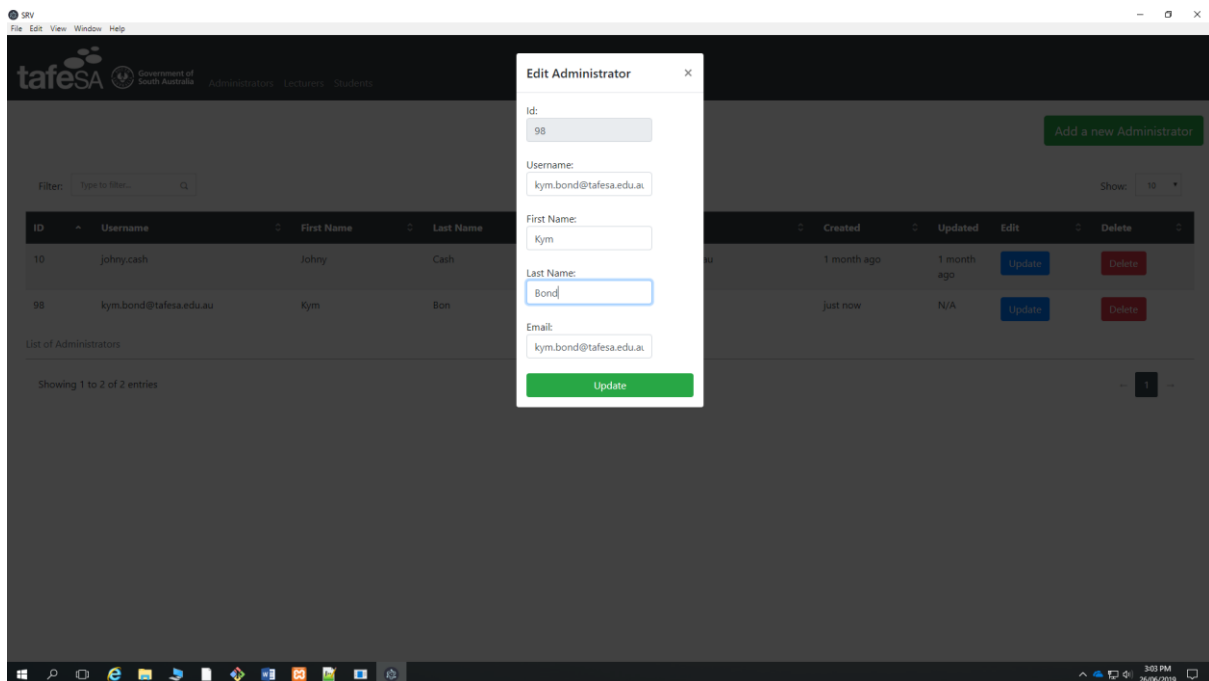
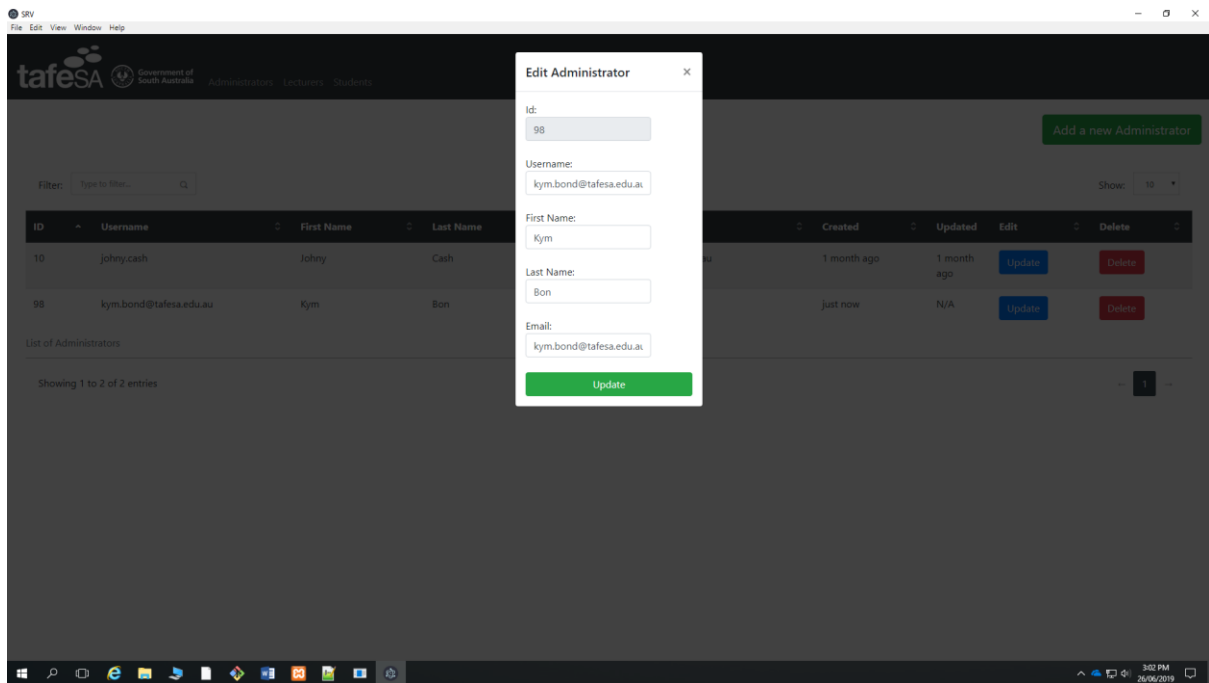


Figure 21: Adding an administrator for SRV

How to Update an Administrator

Look for the Administrator you want to edit and click the Update button.



Team NAG

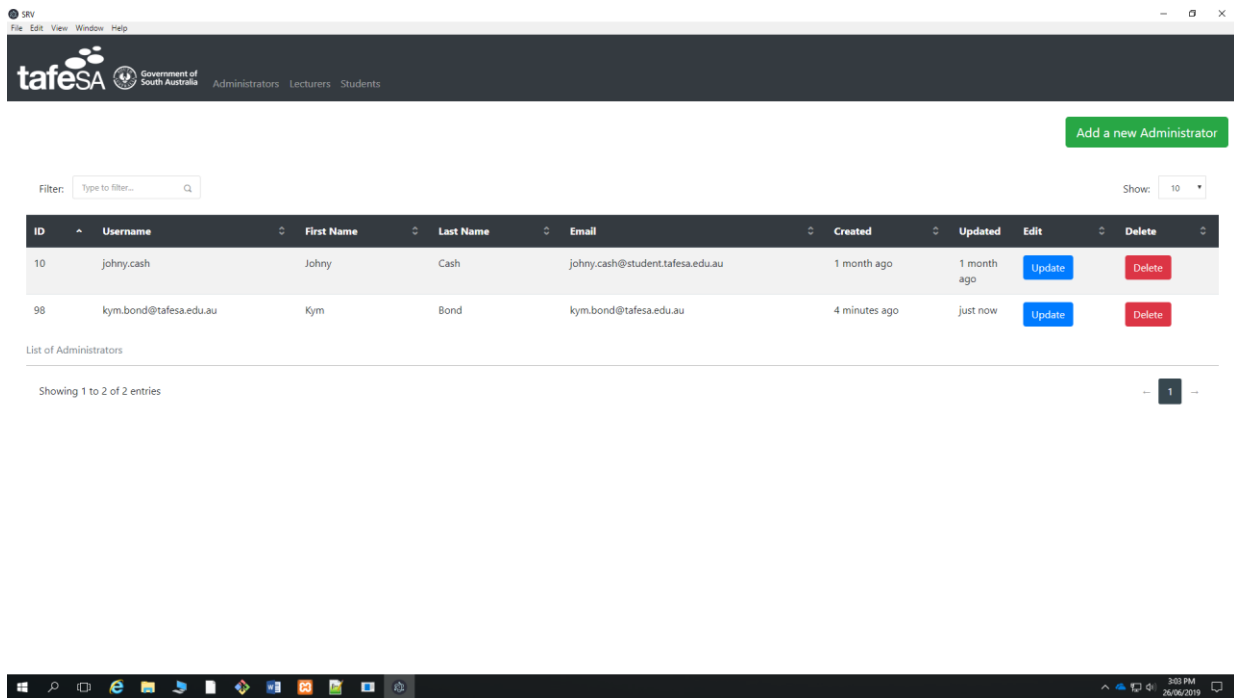
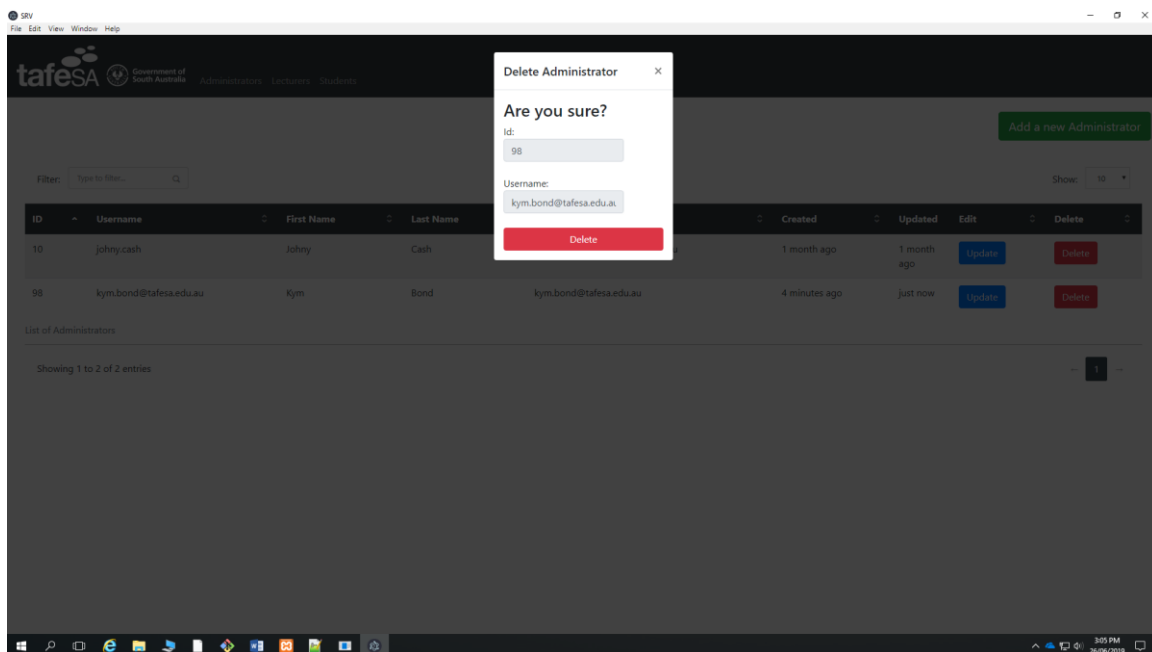


Figure 22: Editing Administrators

How to delete an Administrator

Just click the Delete button



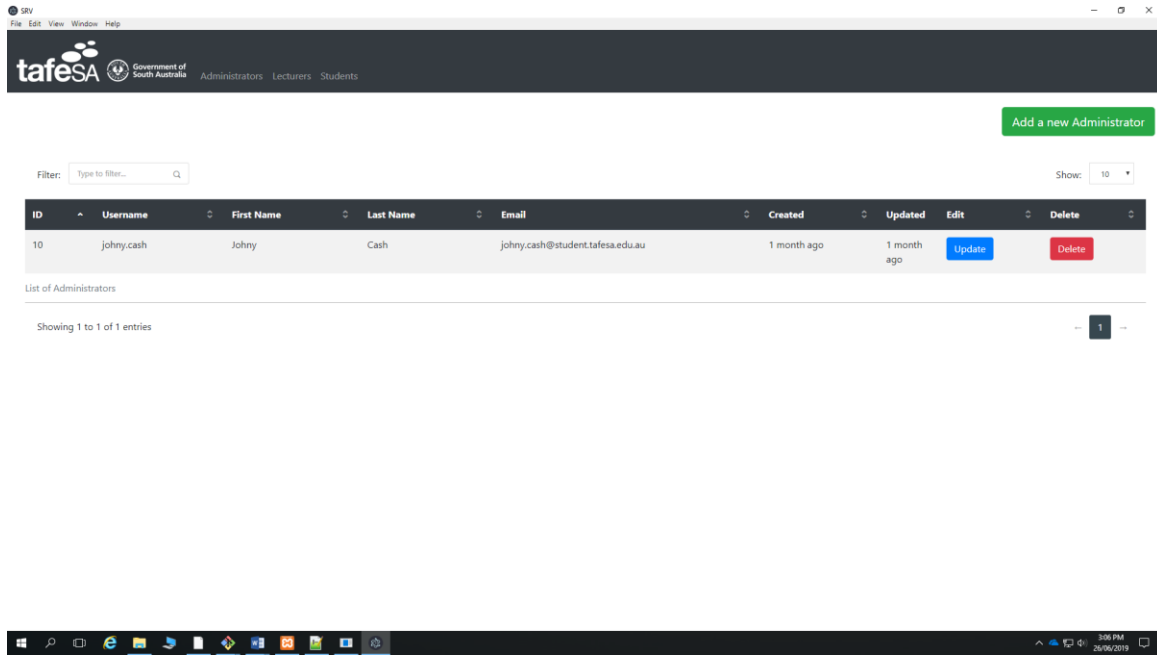
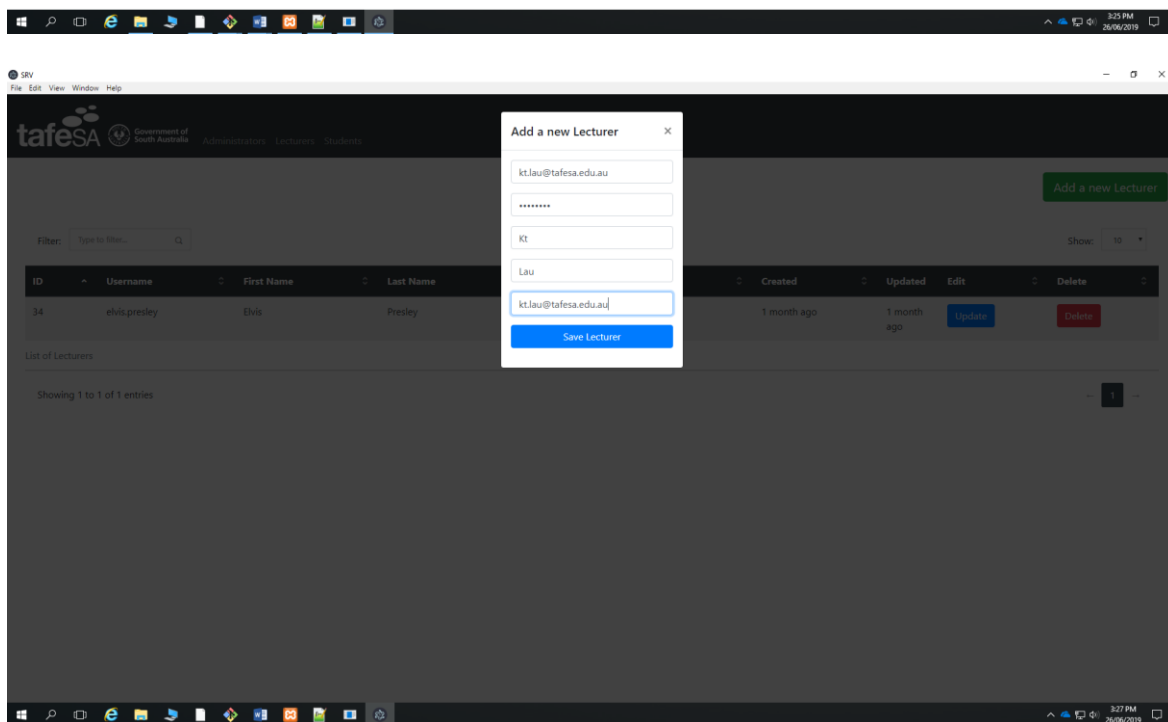
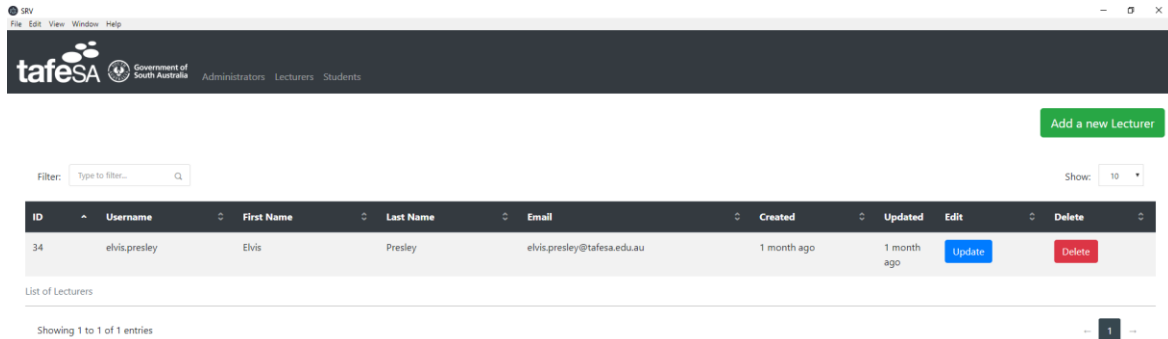


Figure 23: Deleting an Administrator

How to add a Lecturer

Click the button “Add a new Lecturer”



Team NAG

SRV

File Edit View Window Help

tafesa Government of South Australia Administrators Lecturers Students

Add a new Lecturer

Filter: Show: 10

ID	Username	First Name	Last Name	Email	Created	Updated	Edit	Delete
34	elvis.presley	Elvis	Presley	elvis.presley@tafesa.edu.au	1 month ago	1 month ago	Update	Delete
100	kt.lau@tafesa.edu.au	Kt	Lau	kt.lau@tafesa.edu.au	just now	N/A	Update	Delete

List of Lecturers

Showing 1 to 2 of 2 entries

Windows taskbar: 3:28 PM 26/09/2019

Figure 24: Adding a Lecturer for SRV

How to Update a Lecturer

Look for the Lecturer you want to edit and click the Update button.

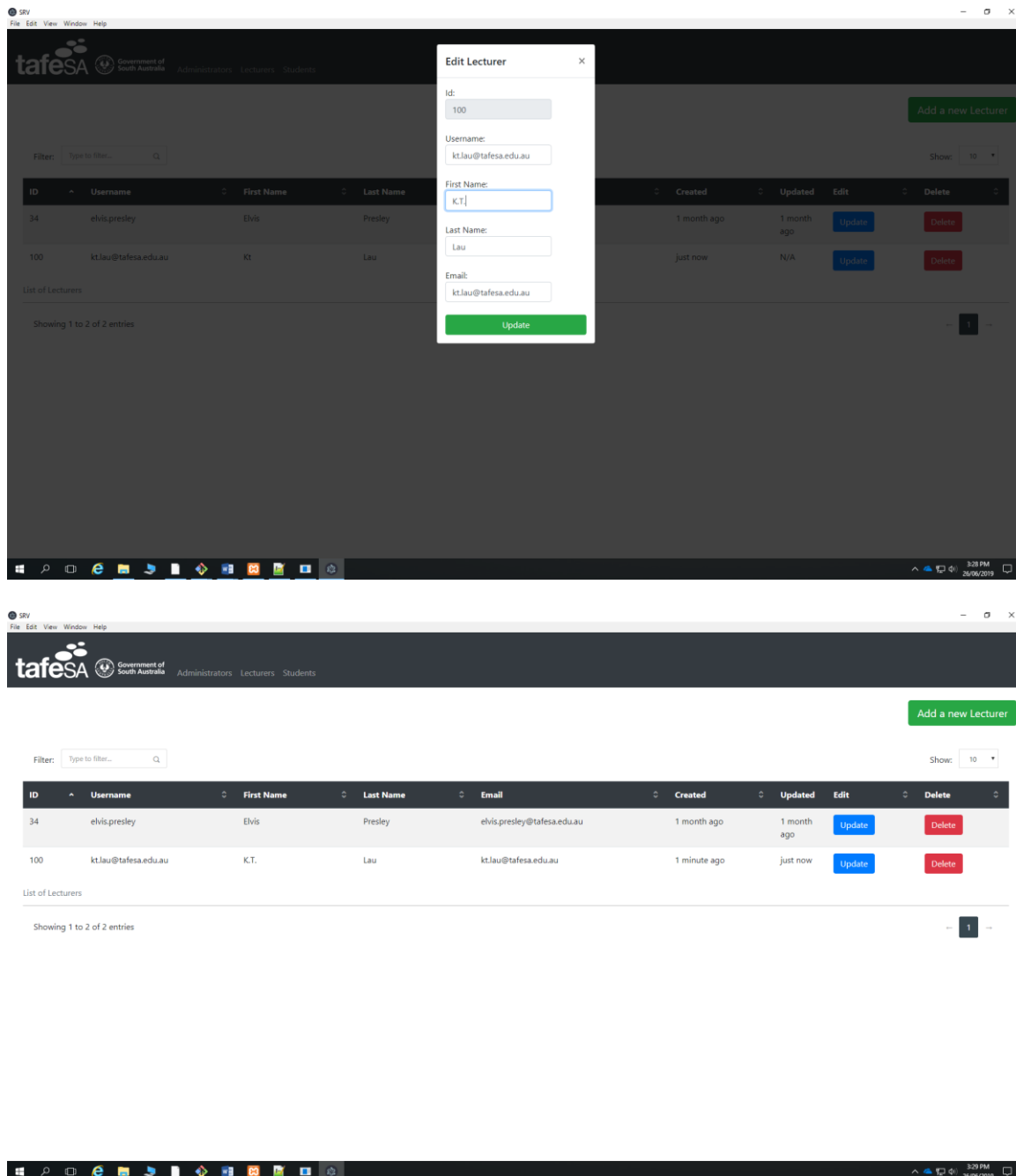


Figure 25: Editing Lecturers

How to delete a Lecturer

Just click the delete button

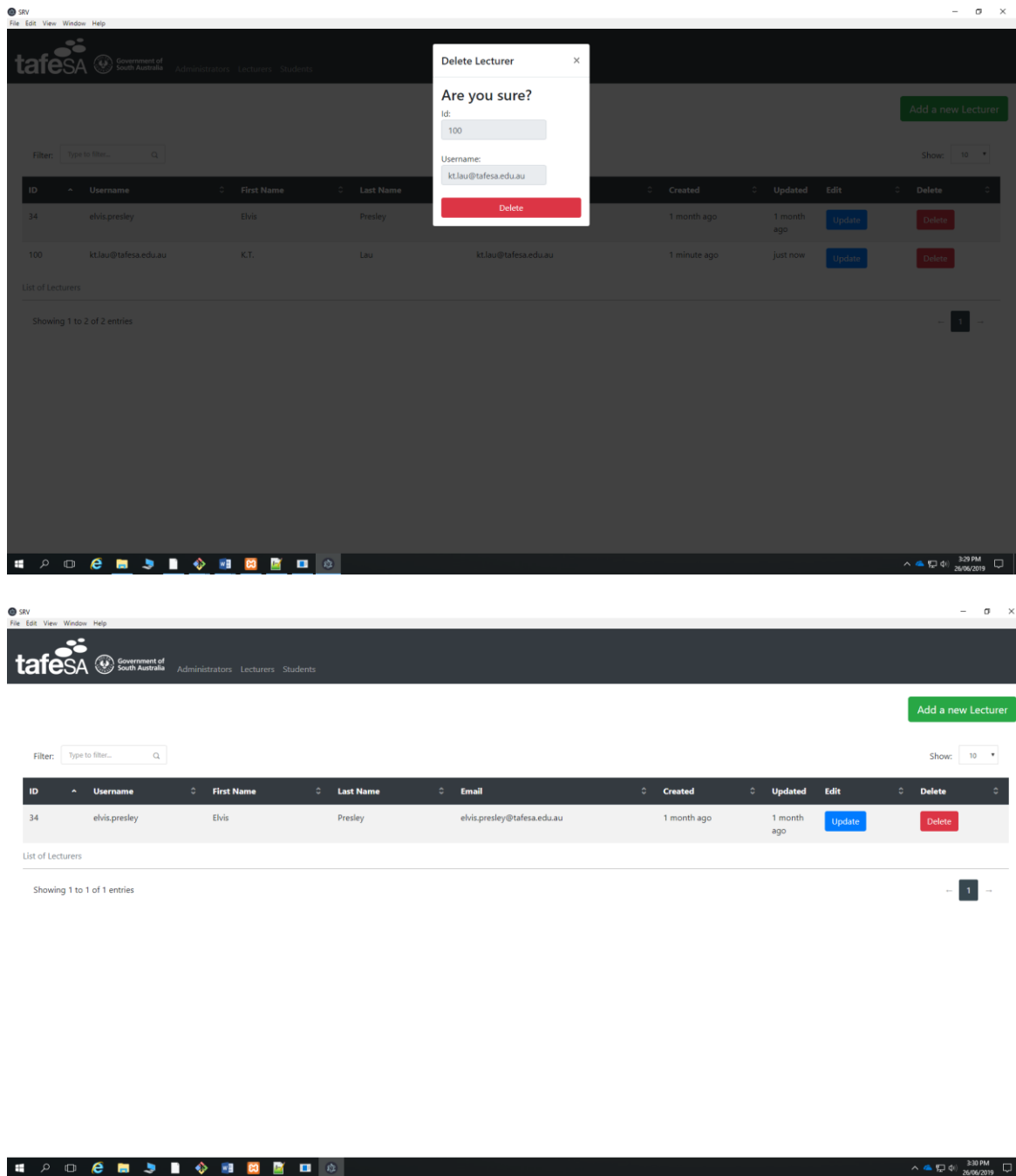
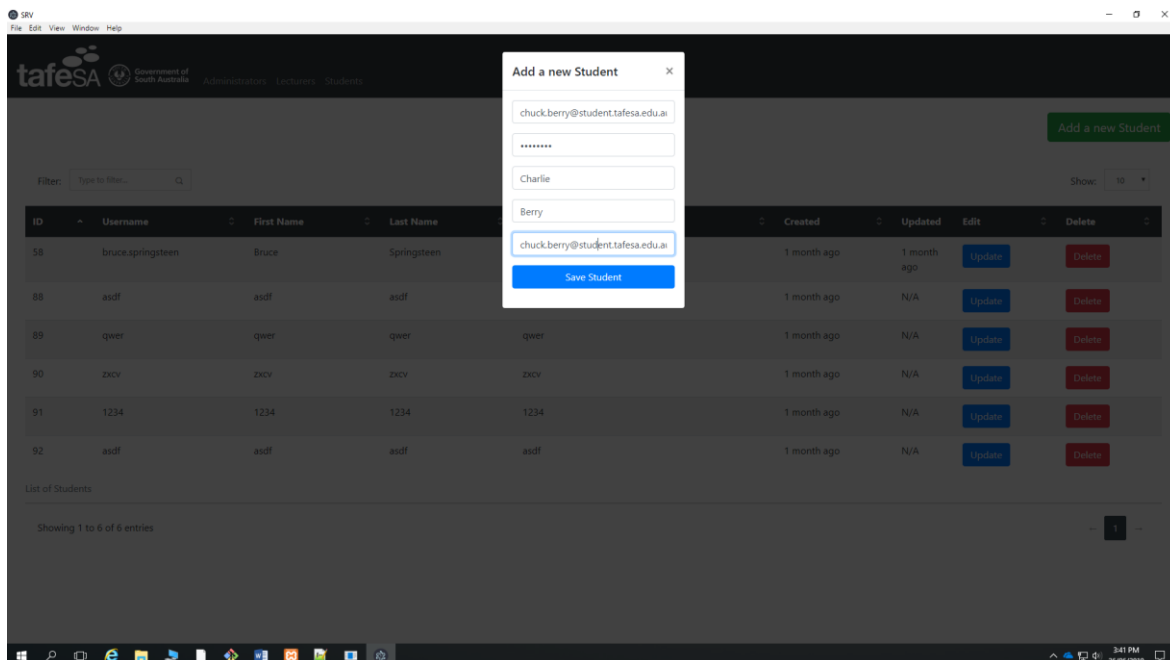
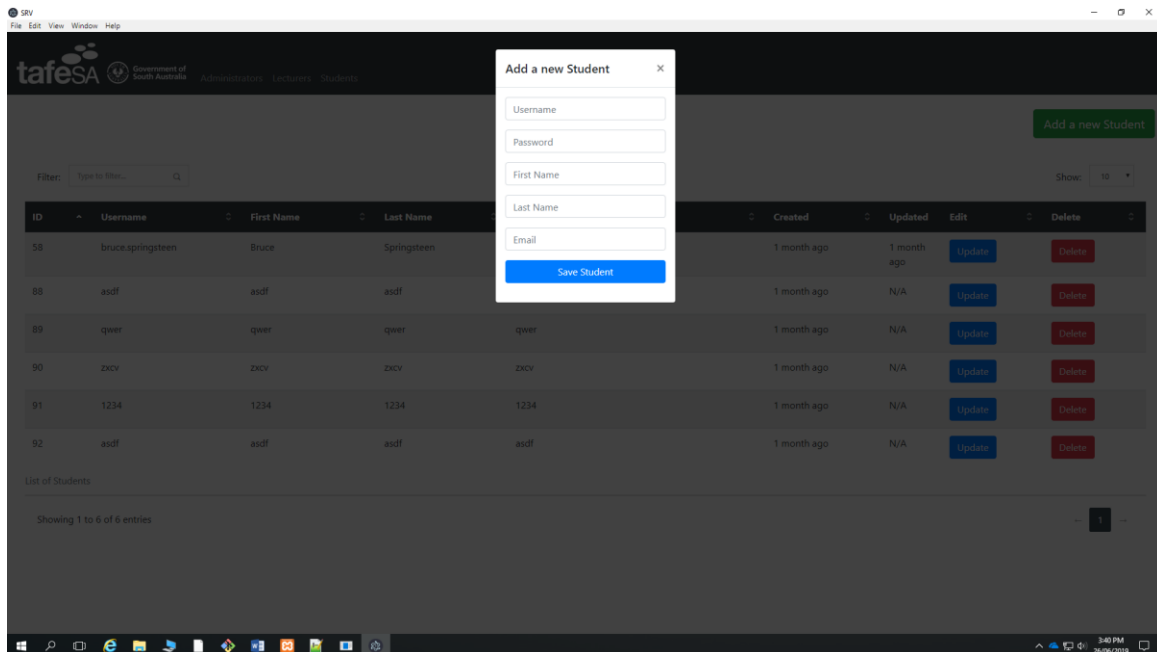


Figure 26: Deleting a Lecturer

How to add a Student

Click the button “Add a new Student”



SRV

File Edit View Window Help

tafeSA Government of South Australia Administrators Lecturers Students

Add a new Student

Filter:

Show: 10

ID	Username	First Name	Last Name	Email	Created	Updated	Edit	Delete
58	bruce.springsteen	Bruce	Springsteen	bruce.springsteen@tafesa.edu.au	1 month ago	1 month ago	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
88	asdf	asdf	asdf	asdf	1 month ago	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
89	qwer	qwer	qwer	qwer	1 month ago	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
90	zxcv	zxcv	zxcv	zxcv	1 month ago	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
91	1234	1234	1234	1234	1 month ago	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
92	asdf	asdf	asdf	asdf	1 month ago	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>
101	chuck.berry@student.tafesa.edu	Charlie	Berry	chuck.berry@student.tafesa.edu.au	just now	N/A	<input type="button" value="Update"/>	<input type="button" value="Delete"/>

List of Students

Showing 1 to 7 of 7 entries

1

Windows taskbar: 3:41 PM 26/06/2019

Figure 27: Adding a Student for SRV

How to Update a Student

Look for the Student you want to edit and click the Update button.

The top screenshot shows the 'Edit Student' modal form. The fields are as follows:

Field	Value
ID	101
Username	chuck.berry@student.tafsa
First Name	Charles
Last Name	Berry
Email	chuck.berry@student.tafsa

The bottom screenshot shows the 'List of Students' table. The student ID 101 is highlighted in the table.

ID	Username	First Name	Last Name	Email	Created	Updated	Edit	Delete
58	bruce.springsteen	Bruce	Springsteen	bruce.springsteen@tafesa.edu.au	1 month ago	1 month ago	Update	Delete
88	asdf	asdf	asdf	asdf	1 month ago	N/A	Update	Delete
89	qwer	qwer	qwer	qwer	1 month ago	N/A	Update	Delete
90	zxcv	zxcv	zxcv	zxcv	1 month ago	N/A	Update	Delete
91	1234	1234	1234	1234	1 month ago	N/A	Update	Delete
92	asdf	asdf	asdf	asdf	1 month ago	N/A	Update	Delete
101	chuck.berry@student.tafesa.edu	Charles	Berry	chuck.berry@student.tafesa.edu.au	1 minute ago	just now	Update	Delete

Figure 28: Editing Students

How to delete a Student

Just click the delete button

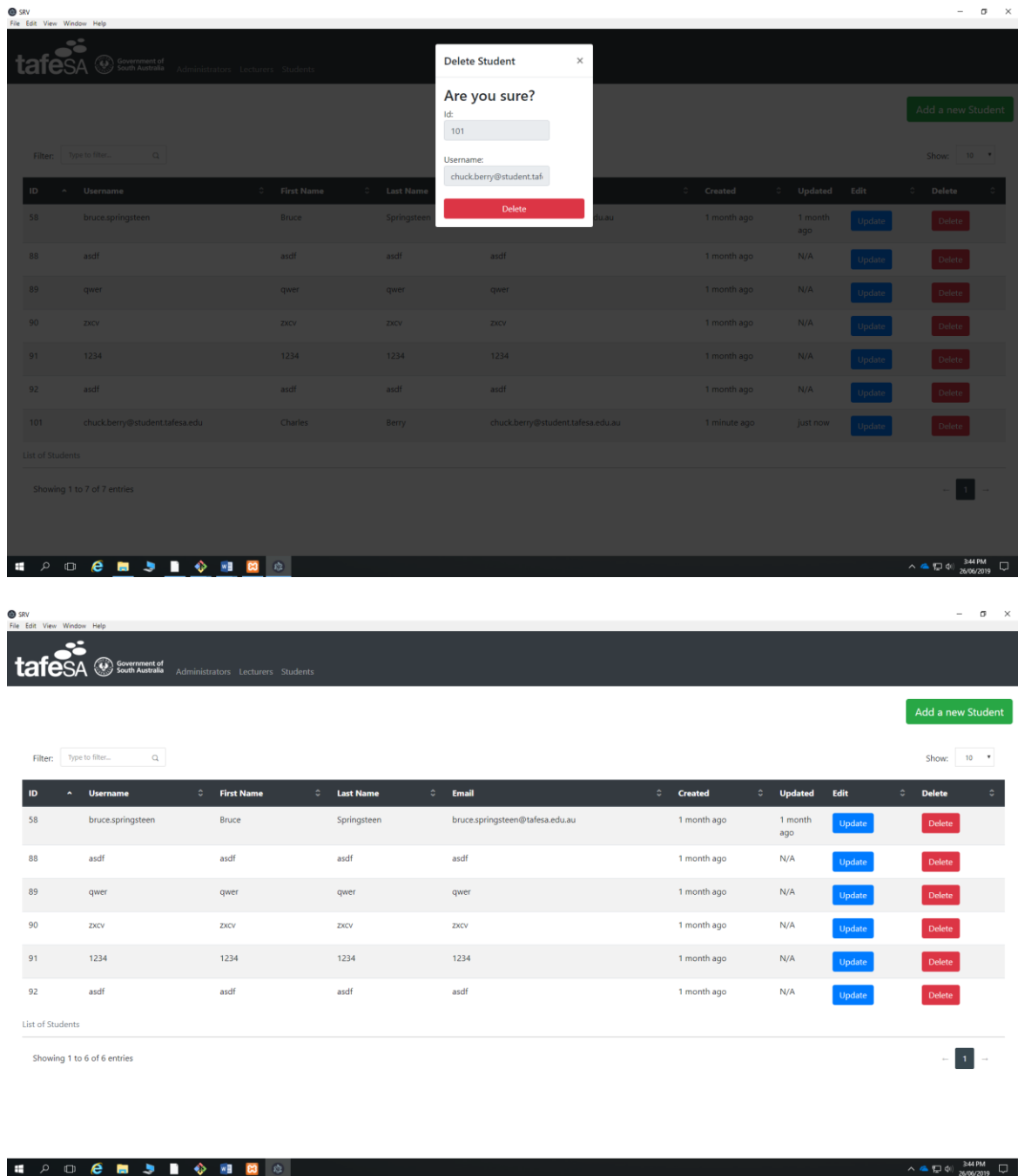


Figure 29: Deleting a Student

Troubleshooting & FAQ

Common problems

Q – Why won't SRV Management System install/run on my computer?

Please make sure you are using SRV Management System on a computer with an internet connection. Since it is cross-platform it will run on Windows, Linux and Mac.

Q – SRV Management System isn't adding the Administrators, Lecturers or Students?

SRV Management System requires an internet connection, please make sure your pc is connected.

Contact details

For further help on using SRV Management System just click on info and then in Source Code

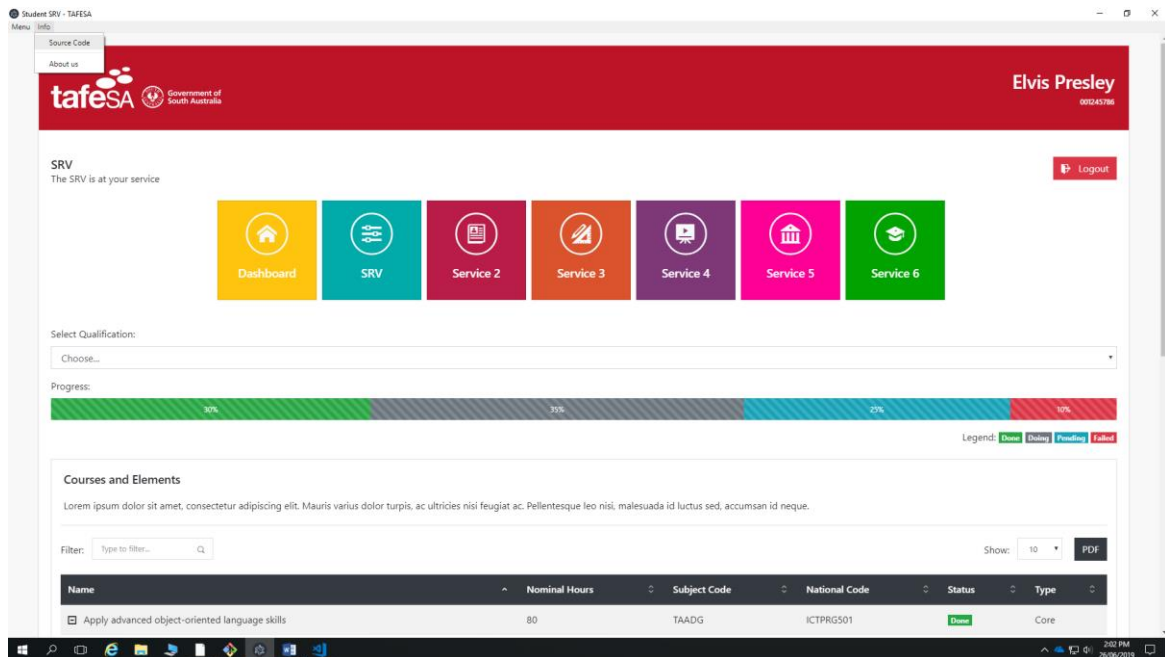


Figure 30: Source code

About us

For information regarding the developers, click Info and the About Us

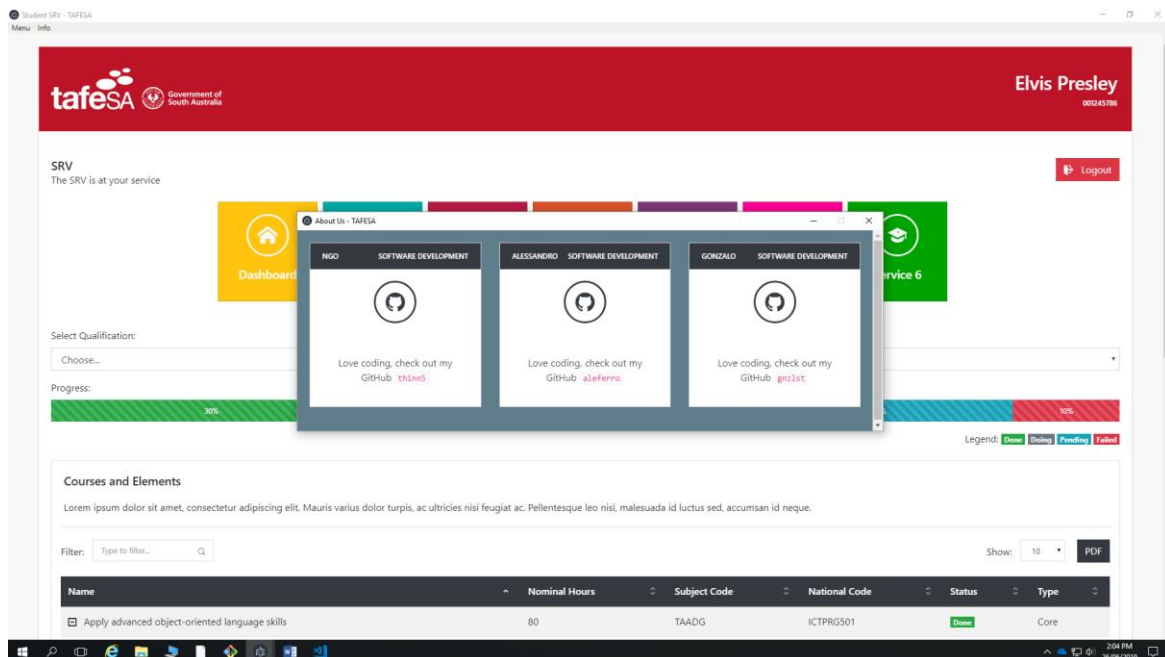


Figure 31: Source code

Acknowledgements

SRV Management System is the property of Team NAG

This document is written in accordance to the ISO guidelines for software related user documentation as well as the ITWorks Style and Standards Guide for User Documentation. All material in this document is property of ITWorks.

This document is for internal use only and is not to be distributed to the public unless instructed otherwise.

Notes

Version 00.0011 – Amended font colour and pagination issue

Version 00.0010 – End user documentation drafted and sent for review

Version 00.0001 – Outline established for end user documentation