

# User Guide

User interface for the element editing panels:

The screenshot shows the 'Exam Scheduler - exams' interface. It features a table of exams with columns for Type, Name, Place, Class, Examiner 1, Examiner 2, Start date, Start time, Duration, and End. Annotations in red text point to various parts of the interface:

- Back to main menu**: Points to a 'Back' button in the top left.
- Column information and ordering buttons**: Points to a vertical menu on the right side of the table.
- list of registered elements**: Points to the main table of exams.
- Editing row**: Points to the bottom section of the interface where attributes can be input.
- add/overwrite, remove & other user actions**: Points to buttons at the bottom: 'Add new / overwrite existing exam', 'Remove exam (by Name)', 'Expand details', and 'Check conflicts'.

Type	Name	Place	Class	Examiner 1	Examiner 2	Start date	Start time	Dur	End	Duration in minutes	Order	Group	Order	Group
Written	IT-PSE1X	106	IT-1X-A19	Dacey Lott		06/01/2020	8:00	240	06/01/2020 12:00	33	8			
Written	IT-PSE1Y	107	IT-1Y-A19	Dacey Lott		07/01/2020	8:00	240	07/01/2020 12:00	33	8			
Written	IT-PSE1Z	205	IT-1Z-A19	Ora Hayden		06/01/2020	10:15	240	06/01/2020 14:15	34	8			
Written	IT-DNP1X	206a	IT-3X-A19	Gisela Carey		06/01/2020	9:30	120	06/01/2020 11:30	28	7			
Written	IT-DNP1Y	206b	IT-3Y-A19	Gisela Carey		07/01/2020	8:45	120	07/01/2020 10:45	25	6			
Written	IT-NES1X	208	IT-3X-A19	Elvis Hunter		07/01/2020	8:10	120	07/01/2020 10:10	28	7			
Written	IT-NES1Y	209	IT-3Y-A19	Elvis Hunter		08/01/2020	10:20	120	08/01/2020 12:20	25	6			
Written	IT-DA11	213	IT-4-A19	Flynn Mills		06/01/2020	9:25	180	06/01/2020 12:25	36	8			
Written	IT-AD51	213	IT-4-A19	Flynn Mills		07/01/2020	10:40	180	07/01/2020 13:40	36	8			
Oral	IT-SD11X	102	IT-1X-A19	Erich Wade	Aquila Huff	13/01/2020	8:00	990	15/01/2020 8:30	10	20	33	8	
Oral	IT-SD11Y	103	IT-1Y-A19	Erich Wade	Robert Hicks	16/01/2020	8:00	990	20/01/2020 8:30	10	20	33	8	
Oral	IT-SD11Z	105b	IT-1Z-A19	Russell Wilkerson	Robert Hicks	13/01/2020	8:00	1020	15/01/2020 9:00	10	20	34	8	
Oral	IT-RMD1X	209	IT-1X-A19	Allen Kirby	Henry Sykes	16/01/2020	8:00	660	17/01/2020 11:00	5	15	33	8	
Oral	IT-RMD1Y	213	IT-1Y-A19	Allen Kirby	Henry Sykes	13/01/2020	8:00	660	14/01/2020 11:00	5	15	33	8	
Oral	IT-RMD1Z	216	IT-1Z-A19	Lucy Foley	Tyrone Holmes	16/01/2020	8:00	680	17/01/2020 11:20	5	15	34	8	
Oral	IT-SD22	216	IT-2-A19	Russell Wilkerson	Tyrone Holmes	07/01/2020	8:00	800	08/01/2020 13:20	5	15	40	10	
Oral	IT-DBS1	304c	IT-2-A19	Lev Walker	Marah Guzman	14/01/2020	9:00	800	15/01/2020 15:20	5	15	40	10	
Oral	IT-SD33Y	306	IT-3Y-A19	Bree Mcmillan	Noelani Malone	08/01/2020	10:00	875	10/01/2020 8:35	15	20	25	6	
Oral	IT-AND1	313	IT-4-A19	Lev Walker	Noelani Malone	16/01/2020	8:00	900	17/01/2020 16:00	10	15	36	8	
Oral	IT-SD33X	304c	IT-3X-A19	Bree Mcmillan	Marah Guzman	13/01/2020	8:00	1120	15/01/2020 10:40	15	25	28	7	
Project	IT-SEP1Z	105b	IT-1Z-A19	Nola Turner	Kimberly Espinoza	20/01/2020	8:00	970	22/01/2020 8:10	15	25	34	8	
Project	IT-SEP3Z	209	IT-3Y-A19	Idona Dalton	Tyrone Holmes	22/01/2020	8:00	715	23/01/2020 11:55	15	25	25	6	
Project	IT-SEP4	213	IT-4-A19	Aquila Huff	Tyrone Holmes	20/01/2020	8:00	1020	22/01/2020 9:00	15	25	36	8	
Project	IT-SEP1Y	103	IT-1Y-A19	Alexandra Sears	Yardley Chandler	22/01/2020	9:20	945	24/01/2020 9:05	15	25	33	8	
Project	IT-SEP2	103	IT-2-A19	Noelle Bush	Xyla Mcpherson	20/01/2020	8:30	1150	22/01/2020 11:40	15	25	40	10	
Project	IT-SEP1X	102	IT-1X-A19	Alexandra Sears	Ulysses Vasquez	20/01/2020	8:15	945	21/01/2020 17:00	15	25	33	8	
Project	IT-SEP3X	209	IT-3X-A19	Idona Dalton	Henry Sykes	20/01/2020	9:30	805	21/01/2020 15:55	15	25	28	7	

The user interface has a uniform design for all element editing panels, which are Exams, Classes, Students, Examiners, Classrooms.

A list of registered elements can be found in the middle, with the explanation of each column above it, which some of them are buttons for ordering the list by the given attribute.

Below it there is the editing row where the specified attributes can be inputted for the element.

For every element, there is a unique ID, which is the Name for everything except for Students where it is the VIAID. The unique ID can be used to search for an existing element, by inputting a name(id), and if an element exists with that name(id), it will be automatically scrolled to and be selected in the list. The overwriting function is based on this ID too, meaning that if you are trying to add a second element with the same name(id) as another element, it will overwrite the existing element, also the remove function is based on the ID too.

If an element is being selected in the list, it will put its attributes in the editing line, which is useful for a lot of things (for example editing elements-> click on element-> edit attributes-> overwrite; or removing elements-> click on element-> remove)

The Valid Dates list in the Exam period panel works on the same principal of the above-mentioned lists, the other values of this panel can be just edited, and it will be saved without any further user action.

To clear the schedule and start a new one, press the “Clear schedule” in the main menu.

To save the current schedule click on “Save schedule” in the main menu and select a path and input a filename in the pop-up window for the schedule file and then click save or hit enter.

To load the previously saved schedule, click on “Load schedule” in the main menu, select the previously saved schedule (.sch) file and open it in the pop-up window.

To update the webpage content with the currently loaded schedule, click on the “Update webpage” button in the main menu.

For the Exams panel there are 2 extra functionalities, one is the “Expand details” which displays the room equipment’s, the exam requirements for the room and the conflicts in addition to all the other information. The “Check conflicts” is used to check the conflicts between the exams, since this takes a bit of resources and it not a default running function in the background, all the time.

The Classes panel has 2 extra functionalities, the rename function renames the Class to the desired name, re-assigning all the attending students to the renamed Class. And the “Remove class (including students)” is removes the selected Class including the attending students.