Group 7: Hilda Hermunen, Veera Ruotsalainen, Patrick Scott

Test cases for students

Name	1. User should be able to add a course to program
Design Date	24/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program opens	Pass	
2	Click "Add" button	Program opens a "Add a New Task" window	Pass	
3	Choose "Course"	Program registers users choice	Pass	
4	Click "Continue" button	Program opens a "Add New Course" window	Pass	
5	Fill in the information about course	User is able to input the information	Pass	Error messages are visible when some fields are left empty. User is able to input all characters
6	Click "Save" button	Program closes "Add New Course" window and shows an updated timetable to user	Pass	Program is updated. There is no direct visual sign that course is added, until user adds a new event

Post-condition   A course is added

Test cases for students

Name	2. User should be able to add a new assignment
Design Date	24/04/2025
Preconditions	A course is saved in the program
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Click "Add" button	Program open "Add a New Task" window	Pass	
3	Choose "Assignment"	Program registers users choice	Pass	
4	Click "Continue" button	Program opens a "Add New Assignment" window	Pass	
5	Fill in the information about assignment	User is able to input the information	Pass	Error messages are visible when some fields are left empty. User is able to input all characters

Step	Action	Expected System Resoponse	Pass / Fail	Comment
6	Click "Save" button	Program closes "Add New Assignment" window and shows an updated timetable to user	Pass	GUI is updated. The user isn't able to see the event immediately, if the event is added to a different week than what is currently chosen in the timetable. User needs to change the week to see

Post-condition   An assignment is added

Test cases for students

Name	3. User should be able to add an assignment and update the same event
Design Date	24/04/2025
Preconditions	A course is saved in the program
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Click "Add" button	Program open "Add a New Task" window	Pass	
3	Choose "Assignment"	Program registers users choice	Pass	
4	Click "Continue" button	Program opens a "Add New Assignment" window	Pass	
5	Fill in the information about assignment	User is able to input the information	Pass	Error messages are visible when some fields are left empty. User is able to input all characters.
6	Click "Save" button	Program closes "Add New Assignment" window and shows an updated timetable to user	Pass	GUI is updated. The user isn't able to see the event immediately, if the event is added to a different week than what is currently chosen in the timetable. User needs to change the week to see the event successfully added to timetable
7	Click the assignment box	Program opens an information window, which displays all information about the assignment	Pass	
8	Change all input fields	Program shows the changed information in every field	Pass	The text fields accept all kinds of characters
9	Click "Save" button	Program closes the information window and shows an updated timetable to user	Pass	User can check if the change is saved by clicking the event information window open again. Due to modifications after the heuristic evaluation updating the assignment cannot be processed before confirming it. This is only a small extra precaution step for the user so the test doesn't fail.

Post-condition   An assignment is added and updated

Test cases for students

Name	4. User should be able to delete an assignment from the timetable
Design Date	25/04/2025
Preconditions	An assignment is saved in the timetable.
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Select and click the assignment box from the timetable	Program opens an information window, which displays all information about the assignment	Pass	
3	Click "Delete" button	Program deletes the assignment, closes the information window and shows an updated timetable to user	Pass	The GUI updates, removing the event from timetable. No other messages visible. Due to modifications after the heuristic evaluation deleting the assignment cannot be processed before confirming it. This is only a small extra precaution step for the user so the test doesn't fail.

Post-condition   An assignment is deleted.

Test cases for students

Name	5. User should see error messages for invalid or missing input fields
Design Date	25/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program opens	Pass	
2	Click "Add" button	Program open "Add a New Task" window	Pass	
3	Choose "Assignment"	Program registers users choice	Pass	
4	Click "Continue" button	Program opens a "Add New Assignment" window	Pass	

				Error messages visible on empty fields. Different languages have error messages in the chosen language
5	Leave all fields empty and click "Save"	Program displays error messages for all required fields	Pass		
6	Fill in some fields but leave others empty (e.g., no course selected) and click "Save"	Program displays error messages for the missing fields	Pass		Error messages visible on empty required fields. The error messages disappear from required fields that are filled. Different languages have error messages in the chosen language

Post-condition   The user is informed about missing or invalid inputs.

Test cases for students

Name	6. User should be able to change the application language
Design Date	25/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program opens	Pass	
2	Select a different language(e.g. Korean)	Program updates all UI text to the selected language and adjusts layout if necessary (e.g., right-to-left for Arabic)	Pass	Language changes, layout changes when Arabic is chosen.

Post-condition   The application reflects the selected language throughout the UI.

Test cases for students

Name	7. User's selected language should persist after restarting the application
Design Date	25/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program opens in the default language (e.g., English)	Pass	
2	Select a different language (e.g., Arabic)	Program updates all UI text to the selected language and adjusts layout if necessary	Pass	Language changes, layout changes when Arabic is chosen.
3	Close the program	Program closes	Pass	
4	Reopen the program	Program opens in the previously selected language (e.g., Arabic)	Pass	Language is Arabic and layout stays right-to-left

Post-condition   The application retains the user's selected language across restarts.

Test cases for students

Name	8. User is able to add an event a month ahead
Design Date	26/04/2025
Preconditions	A course is saved in the program
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Click "Add" button	Program opens "Add New Task" window	Pass	
3	Choose an event	Program registers users choice	Pass	
4	Click "Continue"	Program opens the event adding window, depending on the event	Pass	Program opens the correct window, depending on the chosen event
5	Fill in the information, choosing a date one month from now	Program registers users input	Pass	
6	Click "Save"	Program closes the event adding window and returns user to timetable window. GUI updates and the added event is visible in the chosen date	Pass	The program does add the event, but user needs to manually change the week to make sure the event is added, there are no success messages.

Post-condition   Event is added to the correct date

Test cases for students

Name	9. User is able to add and delete a course
Design Date	28/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Click "Add" button	Program opens a "Add New Task" window	Pass	
3	Choose course	Program registers users choice	Pass	
4	Click "Continue"	Program opens "Add New Course Window"	Pass	
5	Fill in the information	Program registers users input	Pass	Error messages are visible when some fields are left empty. User is able to input all characters
6	Click "Save"	GUI updates and a new course is displayed on the right side of the GUI	Pass	The course is now visible on the right side of the application. **Note:** The course was not displayed before the changes made for heuristic evaluation.
7	Click the course on the side of the timetable window	Program opens course information window	Pass	**Note:** The test failed at this point before the changes made for heuristic evaluation. The test was rerun after the change and passed without errors.
8	Click "Delete" button	GUI updates and the course is removed from the right side of the GUI. The event assigned for the course are also removed from the application correctly.	Pass	The course is removed from the list on the right side of the timetable. If any of the event that were added to the course were on the current week, they are also removed correctly. **Note:** Due to modifications after the heuristic evaluation updating the course cannot be processed before confirming it. This is only a small extra precaution step for the user so the test doesn't fail.

Post-condition   Course is first added and then deleted.

Test cases for students

Name	10. User is able to add and update a course
Design Date	28/04/2025
Preconditions	
Executed by:	Hilda Hermunen, Veera Ruotsalainen
Execution date:	28/04/2025

Step	Action	Expected System Resoponse	Pass / Fail	Comment
1	Open program	Program starts	Pass	
2	Click "Add" button	Program opens a "Add New Task" window	Pass	
3	Choose course	Program registers users choice	Pass	
4	Click "Continue"	Program opens "Add New Course Window"	Pass	
5	Fill in the information	Program registers users input	Pass	Error messages are visible when some fields are left empty. User is able to input all characters
6	Click "Save"	GUI updates and a new course is displayed on the right side of the GUI	Pass	The course is now visible on the right side of the application. **Note:** The course was not displayed before the changes made for heuristic evaluation.
7	Click the course on the side of the timetable window	Program opens course information window	Pass	**Note:** The test failed at this point before the changes made for heuristic evaluation. The test was rerun after the change and passed without errors.
8	Modify course information	Program registers users input	Pass	The text fields accept all kinds of characters.
9	Click "Save"	GUI updates and the course from the right side of the GUI is updated.	Pass	If the course name was updated it is immediatly visible on the right side of the application. The name is also updated in all the events that have been added to the course. Other updated information can be checked by re-opening the course information window. **Note:** Due to modifications after the heuristic evaluation deleting the course cannot be processed before confirming it. This is only a small extra precaution step for the user so the test doesn't fail.

Post-condition   Course is added and updated.