

Test Report – Group 36

During the development of the system, we constantly tested it. We can divide these tests into different parts.

Part 1:

Web design

The first part is the web design, to test this we used the developer tools of Google Chrome. Using the audit tool we can get access to the performance in different categories, the results can be seen below:



Figure 1

This means all categories pass the test. From this we can conclude that the web app is properly working and you shouldn't have any problems loading the site. For us, this is a very important aspect, because we don't want users to wait unnecessarily long.

The accessibility and best practices have room for improvement.

Part 2:

Database/Google Calendar synchronization

The second part that needed thorough testing was the database/Google Calendar synchronization.

Test 1: Overlapping meetings

In figure 2, a new meeting is created, called 'Overlap test 1'.

In figure 3, another meeting in the same room is booked, however it is canceled by the system because two meetings in the same place, at the same time, are impossible.

The creator of the cancelled reservation will also receive an email which confirms the meeting is cancelled, see figure 4.

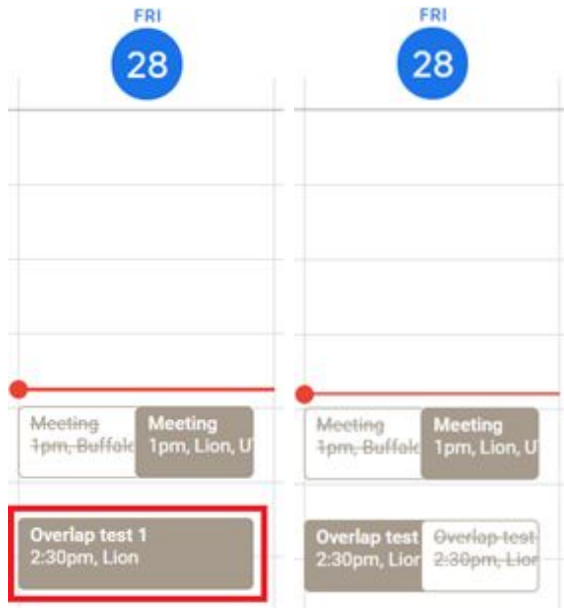


Figure 2

Figure 3

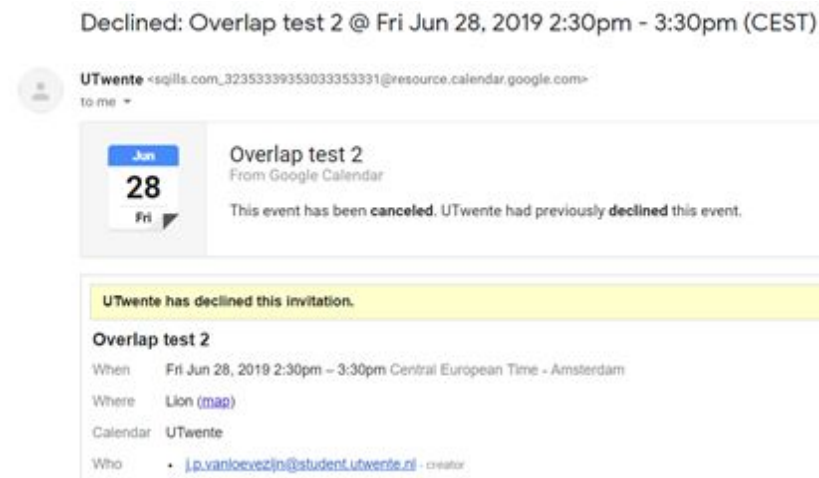


Figure 4

Test 2: Booking through application

In the web application, we make a reservation with the name: "Meeting test purpose" as can be seen in figure 5. Immediately, in the Google Calendar, the meeting pops up as can be seen in figure 6.

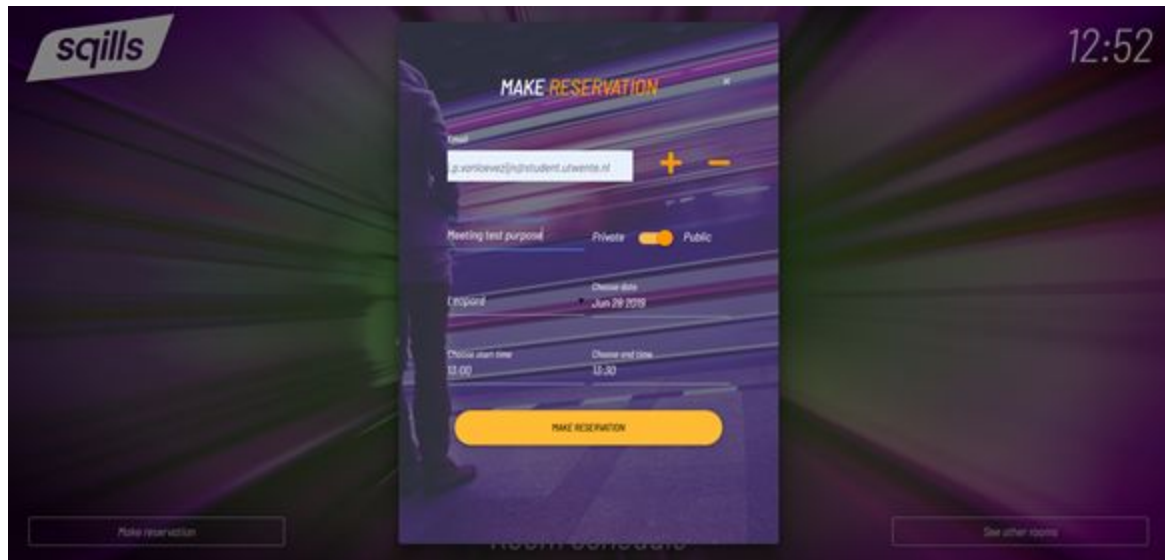


Figure 5



Figure 6

Test 3: Booking through the 'Administrator' page.

In the 'Administrator' page, we make a reservation with

- Meeting Name: Project Meeting
- Date: June 28, 2019
- Time: 16:00 to 16:10

As shown in Figure 7.

In Figure 8, we can see that the reservation is added into the 'Administrator' page. It is indicated with an orange border.

In Figure 9, we can see that the reservation has also been added into the Google Calendar. It is indicated with an orange border.

Test 4: Deleting reservations from the 'Administrator' page

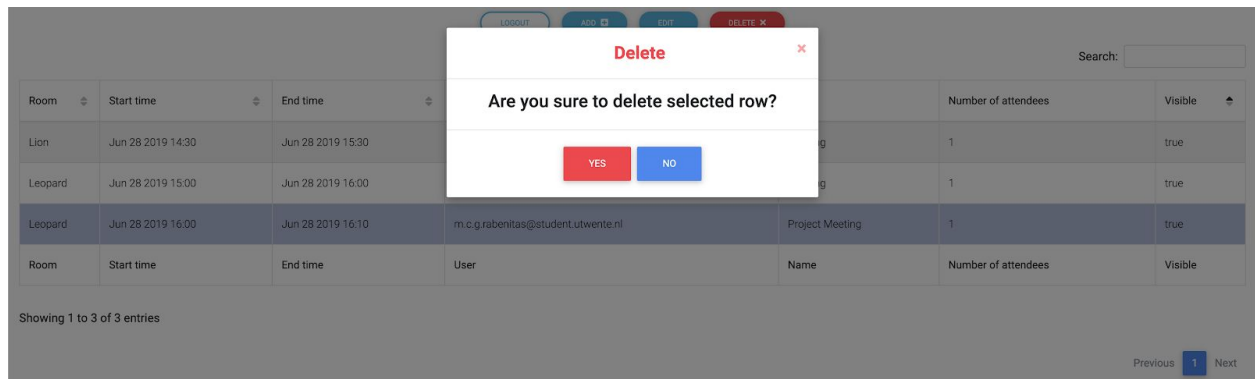


Figure 10

Per clicking yes, shown in Figure 10, the reservation gets deleted from both the 'Administrator' page and Google Calendar. Per deletion, it is removed from Google Calendar. See Figure 11.

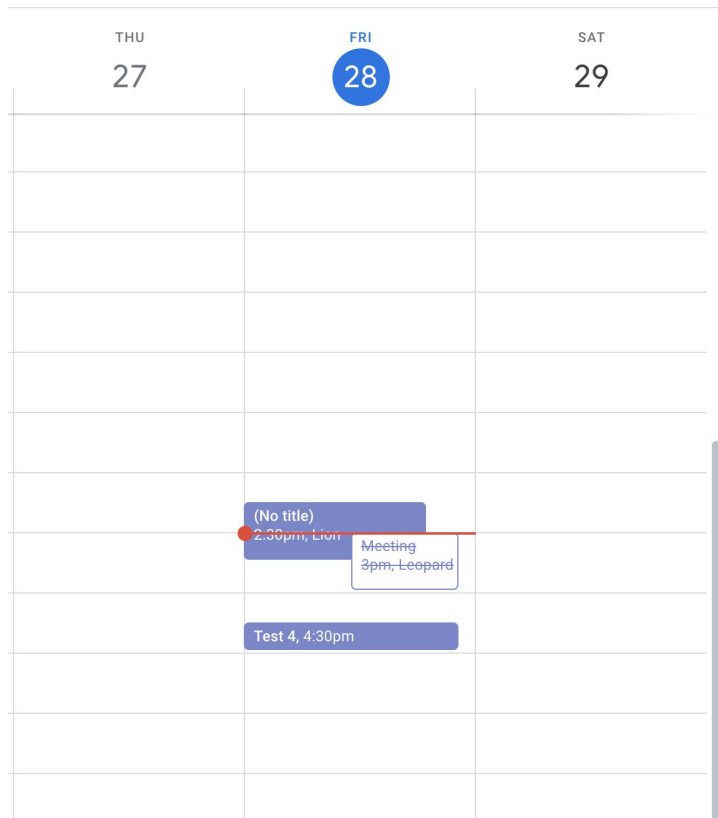


Figure 11

It is also deleted from the 'Administrator' page; this can be seen in Figure 12.

Logout
Add
Edit
Delete

Search:

Room	Start time	End time	User	Name	Number of attendees	Visible
Lion	Jun 28 2019 16:00	Jun 28 2019 16:30	y.h.jeong@student.utwente.nl	Meeting	1	true
Room	Start time	End time	User	Name	Number of attendees	Visible

Showing 1 to 1 of 1 entries

Previous
1
Next

Figure 12

This also works vice versa: deleting from Google Calendar reflects the 'Administrator' page.