

# Web Development Reflective Essay

## Roles and contributions

We do not have particular roles for each of our members, for each team assessment, we will do our individual work and share in the slack chat, look at each other's work, and then improve each's own work. Then we will work out a time that we all free and have a video meeting to discuss what can we improve, delete, or what should be added. After the meeting, we will combine all the positive parts of our works and generate a final version of the team project.

For the first stage, I have organized a team meeting, and we all there to share the ideas about the theme park website, and I recorded them into a mind-map (see appendix 1). For stage 2, we had another meeting to discuss the tags to use for the website; I have also recorded them in a mind-map (see appendix 2). We all code for the HTML, and after comparing them, we combined Maria's, Qiaoqiao's and my work, to get an HTML code we all satisfied with. I have fixed most of the bugs in W3C validator and added the comments. (see appendix 3). For stage 3, Maria, Qiaoqiao and me shared our individual CSS code in the slack chat, after comparing, we decided to use Maria's CSS code, because she did a great job on this part. On stage 4, Maria did the structure for most of the code. Qiaoqiao designed the background and media content. I have made the sliding show effect and fixed some bugs, Michael and Abdul are doing the wireframe for the code and organizing them together.

As for contribution, I have recorded the messages being sent through each team member's slack (see appendix 4). We can see that we are all quite active in slack except Michael. In terms of organizing, I have contributed the most. I have recorded all team members' free time, organized each meeting, and shared my screen during the meeting to work together (see appendix 5-8). Maria did most of the work on the website's structure; she designed the CSS for most important information on the website. Qiaoqiao focused more on the detailed design of the media elements in the website. Michael and Abdul did not contribute in part 3 and part 4 in terms of coding, but they wrote up the website's wireframe.

## Your use of HTML and CSS

There are many parts that I think I can use well in HTML and CSS. First is about comments, I have been coding a lot, even in another computing language, commenting always been important. Rich comments help you know the code better, especially when working with other team members like in this project, rich comments can help other team members get knowing faster what the code represents or what the code does. Another part is that the tags in HTML, tags help format the code, especially the <div> tags, can make the website structured with different blocks. Last but not least, I am good at debugging, for many of the bugs generated in the code, I can spot the error and fix them fast, which helps the team progress faster.

The aspect that I need more practice with is about designing in CSS. For example, there are too many fonts available for the website, and I cannot decide on any of them, have to look up online and copy their font selection. As for colour, or the image selection, even I have tried my best and put a lot of time on searching, still cannot reach the destination that I wanted.

There are two functions I like the most in CSS. The first one is @keyframe function, and this function helps me create auto animations in a few simple lines of code, it is hard to achieve with that amount of code if another language is used (this might be wrong, but it is straightforward to use for me). Another one is the hover function. This function made our website more reactive with the user's mouse cursor, each time the cursor moved on a button, you don't need to write another code for the changed button, only need hover function to replace some important elements in the old button code. These two functions are compelling to me.

## **Positive aspects of your teamwork experience**

There are lots of aspects that are positive for me during teamwork. While gathering ideas, more members can think in different aspects, make the mind-map bigger and bigger, with some aspect that you will never think of. While doing the code, each person can do their most confident part, for me, I am bad at designing, but people good in designing can cover this part. If I am doing this project alone, might take a year to achieve such a great looking website. While designing the website's structure, we combined all five members' work, picked the best part from each person's work and produced a comprehensive piece of work.

The part that I enjoyed the most is communication. Communicating with different people in a different culture, organizing the meeting helped me communicate a lot. This experience made more confidence in speaking in public.

## **Negative aspects of your teamwork experience**

The greatest challenge for us is definitely time management. There are three different time zones in our team of five, with +5 hrs and -8 hrs from London time, so we have to communicate around 5 pm London time, or we will wait another day till everyone responds. Another problem is about the contributions. This is a team project, and if someone is not satisfied with one of others' work, he has to spend more time fixing others' code.

Speaking of the part that I enjoyed the least, communicate through the internet is making me pain. When communicating with a team member, there always is a delay when he replies, even when we are all working on the project. Imagine this is face-to-face communication; we could have finished this project way faster and more effective.

## **Effects of teamwork on the quality of the work**

I found that doing a project like making a website is really good for a team to work with. Many aspects have to be considered when making a website, such as design, structure, image selection, coding, making wireframe and so on. No one can be perfect at every aspect, especially beginners into HTML and CSS like us. We all can work on the area that we satisfy with or good with and produce a comprehensive piece of work together as a team, and this is progress that can never be achieved by myself alone. On the other side, working with team members can be time-saving, even less time efficiency in communicating or distributing roles. Still, more work is being done during the same amount of time since there is 5 times time in total.

While we are coding the website, people are designing different parts of the website; therefore, the website's final design might look not like a whole because of working as a team, we can see that there are some smooth animations at the main index page. Still, the animations turn out not as good as the main index page at the event page. This is hard to correct because people in our teams are at a

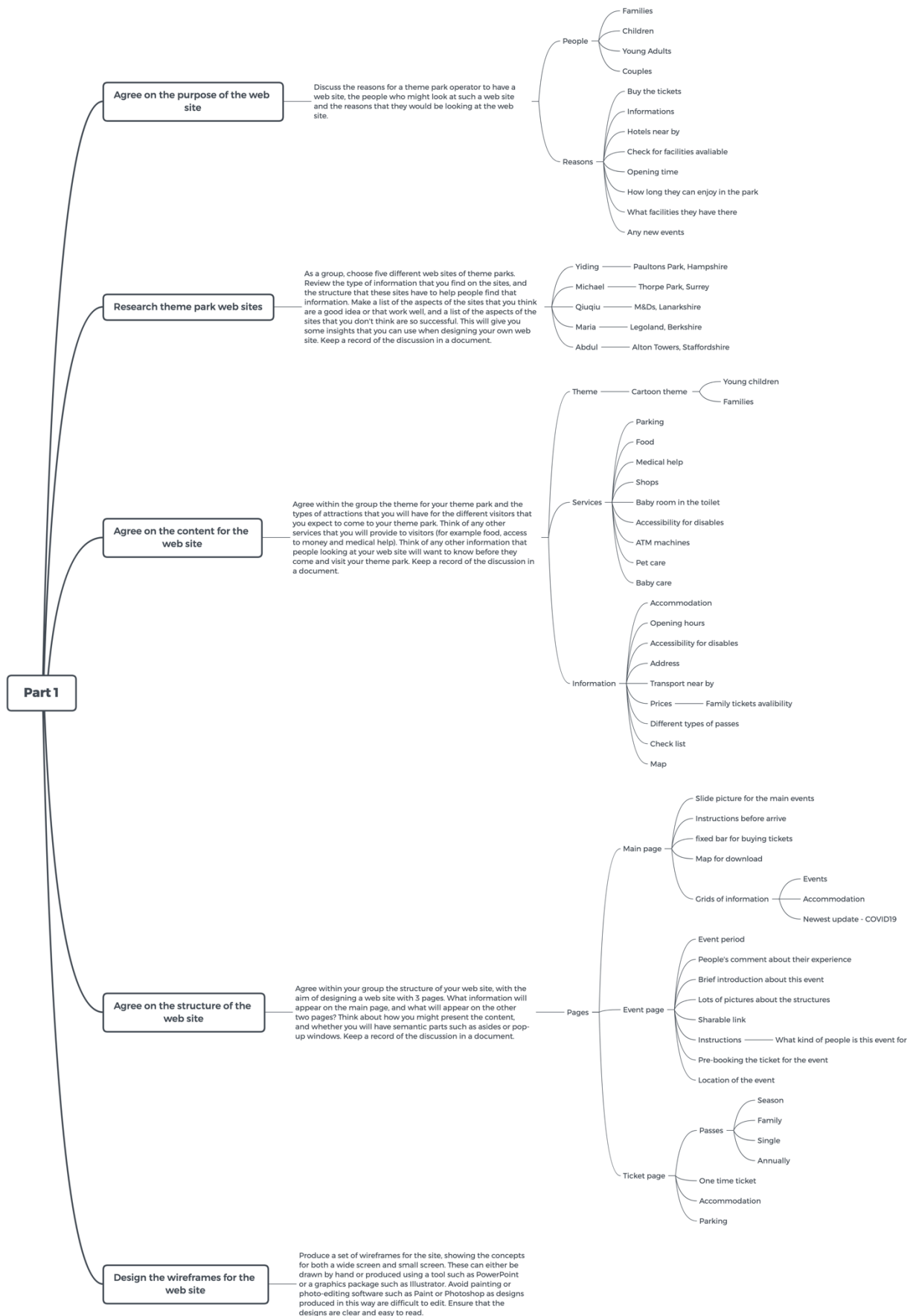
different level in terms of coding, and it becomes complicated when you are trying to correct others' code.

## Tools you and your team used

Many tools are being used during this team project. We all used *Brackets* for coding, *Microsoft Teams* for a team meeting, *slack* for communicating, *PowerPoint* for making wireframe. These are the tools we all used as a team. I have used *X-mind* for individual tools to build up the mind-map during the meeting and *sublime text* for additional coding reference with more colour. Michael has used *justinmind prototyping tool* to draw the wireframe for the last stage of our project. Maria has used *canva* ([canva.com](https://www.canva.com)) while designing the website part to search for prettier images.

There is definitely one tool that we all have been thinking to use but did not put it into practice – which is Github. For this project, each person corrects their individual part of the code and sends it back as a zip file into slack chat, which means that we have to download the whole zip file and unzip it to load the code. Sometimes this isn't very pleasant especially in late-stage, the file has over 70 MB in size and taking quite a lot of time in downloading, also when people working at the same time, someone have to stand out and merge their code into one file, I am doing this job most of the time. Imaging using Github in the early time, everyone can do the correction on the same file online, no more upload and download, and clearly who correct which part of the code. If I am doing another coding teamwork, I will be setting up a Github workspace since the start of the project.

# Appendix-1



# Appendix-2

## Part 2

### Markup wireframes with HTML

Review the three wireframes that you produced for the large screen version of your web site from part 1 of the team project and make any changes that you think would improve them.

Work through the wireframes and decide on the correct HTML to build those pages. Think carefully about the use of layout tags such as tables, and only use them where content is really a table.

Make sure that all the parts of the pages have a semantic identity, either by using existing semantic tags or by defining "div" tags for the content. Attempt to use a range of the various formatting tags available to add richness and extra meaning to your content.

Consider how different media can add to the way that your pages communicate information.

Mark up your wireframes with the HTML tags that you intend to use. Upload these , marked-up wireframes in a zip file into the Workspace static web pages that is located in the end of week 10 and generate a shareable URL. Consider how your HTML supports the use of your pages by users with disabilities.

### Code HTML pages

Code the three pages in HTML, and enter in some essential text content that you write yourself. Name the main/first page of your web site index.html. Ensure that you use comments to help all the codes to understand the code.

Find some pictures and any other media that you consider appropriate and embed them into the pages using the correct HTML tags. Ensure that your code includes comments to help you work with the code and quickly relate it to the wireframes. It could be helpful to include comments to indicate who contributed chunks of the code so that you can ensure you can work together as a team.

### Upload the pages to the static web page system

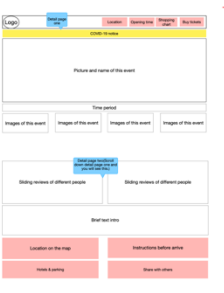
Upload your three pages within a tidy directory structure in the zip file to the Workspace static web pages that is located in the end of week 10. Update your shareable link and load the pages in a browser using the shareable URL.

### Validate the code in the pages

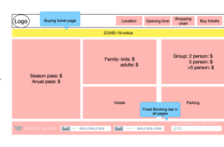
#### Main page



#### Event page



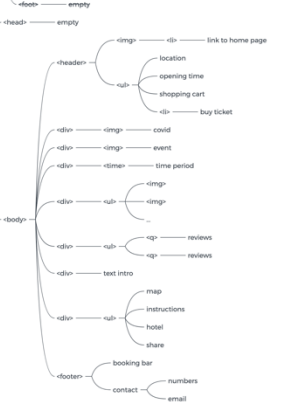
#### Booking page



#### structure



#### structure



#### structure



## Appendix-3



**Qiaoqiao Liu** 21:47

This is what I have made some changes. Will you do some checking? And the video sometimes cannot show or load very slow..How about the video on your device?

Zip ▾



**2.zip**  
8 MB Zip



**Dingo Luo** 23:54

This is looking fantastic with those text informations, must be lots of works there.

nicely done

The video works well for me, no any issue with that

shell we put a notice that the map is actually clickable and will direct to the detail part?

oh wow i just see the purchase page, those passes lookin brilliant.

6 December 2020 ▾



**Qiaoqiao Liu** 00:01

Sure, I did not pay much attention on comments.Could you help with things like that?



Added to your saved items



**Dingo Luo** 00:07

yes, also i will change some structure of the cod3e



**Dingo Luo** 00:24

I have done some changes with the text layout, hope that looks better for you guys as well

Zip ▾



**2-1.zip**  
8 MB Zip



2



gonna sleep, last check tomorrow and we are going to submit

tbh i think this is quite completed for now



**Qiaoqiao Liu** 00:28

Sure



**Maria Eduarda Breggue Pires de Souza** 12:25

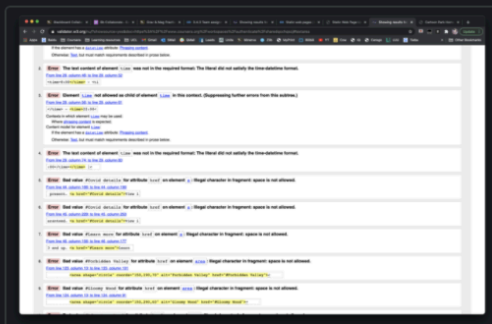
Hello guys, I wasn't home yesterday. I checked the final one and it seems good!



**Dingo Luo** 13:58

lol we have lots of error here

Screenshot 2020-12-06 at 13.58.14.png ▾



gonna take a while to fix it



**Dingo Luo** 14:11


fixed some small errors, here should be our final one


<https://hub.coursera-apps.org/connect/sharedqcchqscj>





## Appendix-6

7 November 2020 ▾


**Michael Wilson** 07:48  
Yeah what time zones are we all in?  
I'm in GMT

**Abdul** 12:21  
I'm in GMT+5

**Dingo Luo** 13:34  
gmt as well

**Maria Eduarda Breggue Pires de Souza** 15:28  
Hello, a meeting sounds nice. I am in GMT.  
What day are you free next week?


★ Pinned by you


**Dingo Luo** 15:41  
If everybody would like to fill this up then it will be easy to set up a meeting

★ Pinned by you




[https://docs.google.com/spreadsheets/d/16lrfDaz2DfGYwSHFrOs6Fn4F0rhcMlfO2x\\_cVtxivc/edit?usp=sharing](https://docs.google.com/spreadsheets/d/16lrfDaz2DfGYwSHFrOs6Fn4F0rhcMlfO2x_cVtxivc/edit?usp=sharing)  
👍 2 😊


just color the date that you are available.


**Maria Eduarda Breggue Pires de Souza** 16:02  
Done 😊  
👍 1 😊


**Dingo Luo** 16:06  
we are going to have a meeting around 5pm at london time  
probably.,

8 November 2020 ▾


**Maria Eduarda Breggue Pires de Souza** 18:25  
5pm is fine for me 😊  
  **3 replies** Last reply 2 months ago


**Qiaoqiao Liu** 18:30  
I'm ok with it.

**Maria Eduarda Breggue Pires de Souza** 18:45  
Do you know how does the submission work? Do we all need to submit the exactly same work?

**Dingo Luo** 18:47  
i have posted this question in the discussion board, there are no reply yet  
probably w8 till next working day then will get some answers from our tutor  
👍 1 😊

9 November 2020 ▾

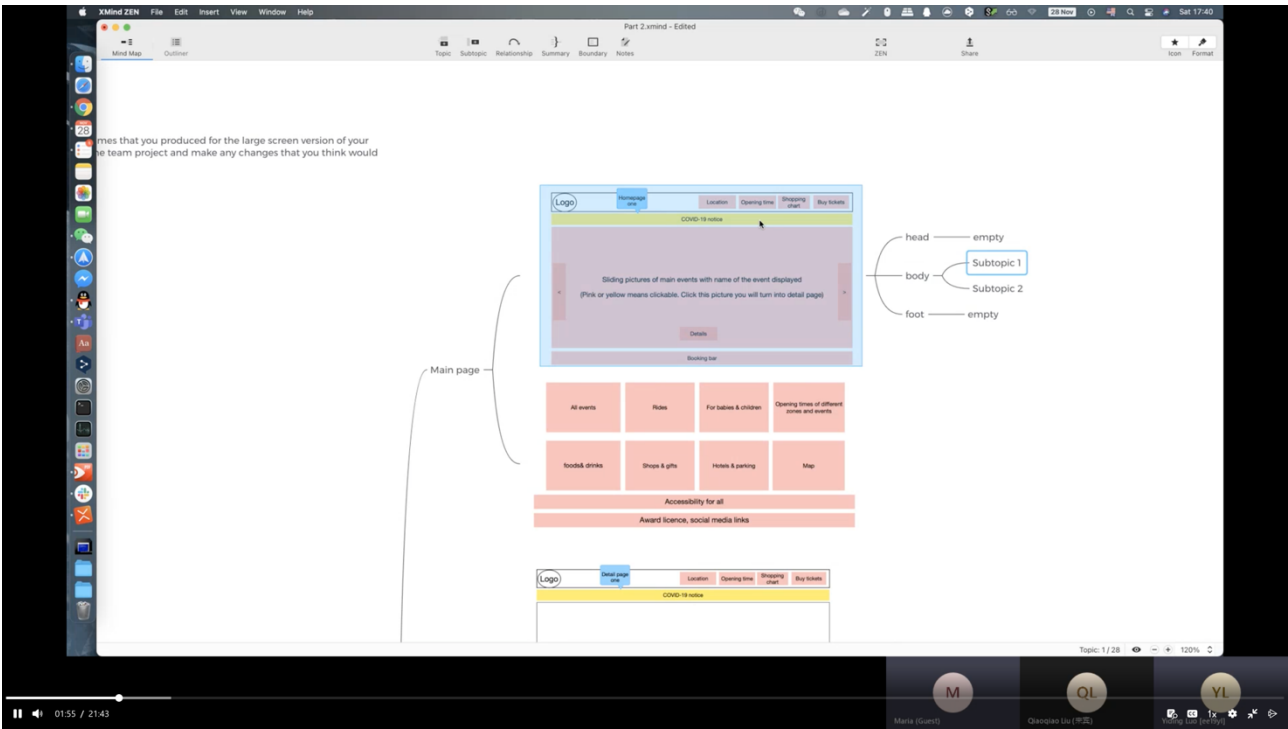
**Dingo Luo** 13:11  
lets dont be too rush for today since haven't got reply from Michael yet. I will set up a meeting link for Wednesday  
Please set up microsoft teams on you pc/mac/tablet before the meeting so that everything would be easy  
👍 5 😊

**Dingo Luo** 13:19  
[https://teams.microsoft.com/l/meetup-join/19%3ameeting\\_YTAwMDVjZDYtNDg5ZS00MDhjLTkzYjQtMmYwNTQ0ZTdIMWE0%40thread.v2/0?context=%7b%22Tid%22%3a%22bdeaeda8-c81d-45ce-863e-5232a535b7cb%22%2c%22Oid%22%3a%2204d58b95-5d0f-45b7-9633-c9148eed61fb%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_YTAwMDVjZDYtNDg5ZS00MDhjLTkzYjQtMmYwNTQ0ZTdIMWE0%40thread.v2/0?context=%7b%22Tid%22%3a%22bdeaeda8-c81d-45ce-863e-5232a535b7cb%22%2c%22Oid%22%3a%2204d58b95-5d0f-45b7-9633-c9148eed61fb%22%7d)  
📌 **Microsoft Teams**  
Join conversation (3 kB) ▾


























↓ Latest messages


























# Appendix-7



# Appendix-8

 Meeting started 02/12/2020 17:24	 Meeting started 19/11/2020 17:28
 Abdul (Guest) joined the meeting.	 Abdul (Guest) joined the meeting.
 Michael Wilson (Guest) joined the meeting.	 Michael (Guest) joined the meeting.
 Maria (Guest) joined the meeting.	 Maria (Guest) joined the meeting.
 Qiaoqiao Liu (来宾) joined the meeting.	 Qiaoqiao Liu (来宾) joined the meeting.
 Qiaoqiao Liu (来宾) left the conversation.	 Abdul (Guest) joined the meeting.
 Abdul (Guest) left the conversation.	 Abdul (Guest) left the conversation.
 Qiaoqiao Liu (来宾) joined the meeting.	 Abdul (Guest) joined the meeting.
 Abdul (Guest) joined the meeting.	 Abdul (Guest) left the conversation.
 Michael Wilson (Guest) left the conversation.	 Maria (Guest) left the conversation.
 Abdul (Guest) left the conversation.	 Michael (Guest) left the conversation.
 Maria (Guest) left the conversation.	 Meeting ended 1 hr 19/11/2020 18:28
 Meeting ended 40 min 31 sec 02/12/2020 18:05	

 Meeting started 28/11/2020 17:27	 Meeting started 15/11/2020 16:54
 Maria (Guest) joined the meeting.	 Maria (Guest) joined the meeting.
 Qiaoqiao Liu (来宾) joined the meeting.	 Qiaoqiao Liu (来宾) joined the meeting.
 Qiaoqiao Liu (来宾) left the conversation.	 Abdul (Guest) joined the meeting.
	 Abdul (Guest) left the conversation.
	 Qiaoqiao Liu (来宾) left the conversation.
 Meeting ended 32 min 37 sec 28/11/2020 18:00	 Meeting ended 32 min 30 sec 15/11/2020 17:26

 Meeting started 11/11/2020 16:51
 Michael (Guest) joined the meeting.
 Maria (Guest) joined the meeting.
 Qiaoqiao Liu joined the meeting.
 Qiaoqiao Liu left the conversation.
 Qiaoqiao Liu joined the meeting.
 Qiaoqiao Liu left the conversation.
 Qiaoqiao Liu joined the meeting.
 Michael (Guest) left the conversation.
 Qiaoqiao Liu left the conversation.
 Meeting ended 24 min 53 sec 11/11/2020 17:16