

Virtual Room Reservation Assistant

Product by:

B10715024 王胤丞

B10715029 陳彥瑋

B10715044 張國彥

B10730226 曾文彥





Catlogue

- User Guide
- Functional Requirement
- Nonfunctional Requirement
- Website Representation



User Guide

Depend on the environment you build up, you get different site:

Example: https://script.google.com/macros/s/AKfycbzyjxq95M6cLYKmWgc-OHiSkVKv2LdTluEkCtRrF3Jxc8BSymK1oph_Zw/exec?page=index



User Guide




Buttons:

1. Inquire Reservation: can find the room which is used
2. Create Reservation: user creates the reservation for meeting
3. Reservation management: can modify or delete the reservation



User Guide




In “Inquire Reservation” page, you can see all of the rooms which were used, or you can find unavailable room by giving the conditions.

| | | | | | | |
|-------------|---|-------------|--|-----|--|--------|
| Room number | | Host number | | | | |
| 年 / 月 / 日 |  | Start | -- --:--  | End | -- --:--  | Search |



User Guide

In “Create Reservation” page, you can create the reservation by giving the conditions, and the system will response if the time is available. You can also add the participants if needed.

| | | | |
|--|--|---|---------------------------------------|
| <input type="text" value="Room number"/> | <input type="text" value="Host number"/> | | |
| <input type="text" value="年 / 月 / 日"/>  | Start <input type="text" value="-- --:--"/>  | End <input type="text" value="-- --:--"/>  | <input type="button" value="Create"/> |
| <input type="button" value="add Participant"/> | <input type="button" value="delete Participant"/> | | |



User Guide

In “Reservation Management” page, you can modify your reservation if needed. You can also delete it if you are no need to use it.

| Room number | Host name | From Time | To Time | Date | modify | delete |
|-------------|-----------|-----------|---------|------------|------------------------|------------------------|
| 102 | Joy | 15:17 | 17:17 | 2021-01-26 | modify | delete |



Functional Requirement: For Login User

1. Inquire Reservations: The user sets the query conditions to query the reservation status.
2. Create Reservation: The user adds a reservation.
3. Delete Reservation: User deletes a reservation.
4. Modify Reservation: User modifies the reservation which belongs to himself about time, room number, etc.
5. System Notification: The system informs the participants that the reservation is coming soon, and attaches the time, location, etc.



Nonfunctional Requirement

1. The page must respond in 1 minute.
2. User must login before add or move reservation, and user can only modify their own reservation.
3. For privacy, user cannot sees others email address.



Website Representation-Preconditions

In teacher's ppt:

1. The department would like a room reservation assistant to help manage meeting rooms.
2. The system must be integrated to Google calendar, or similar, services and send meeting reminders.
3. Current Room availability should be included.



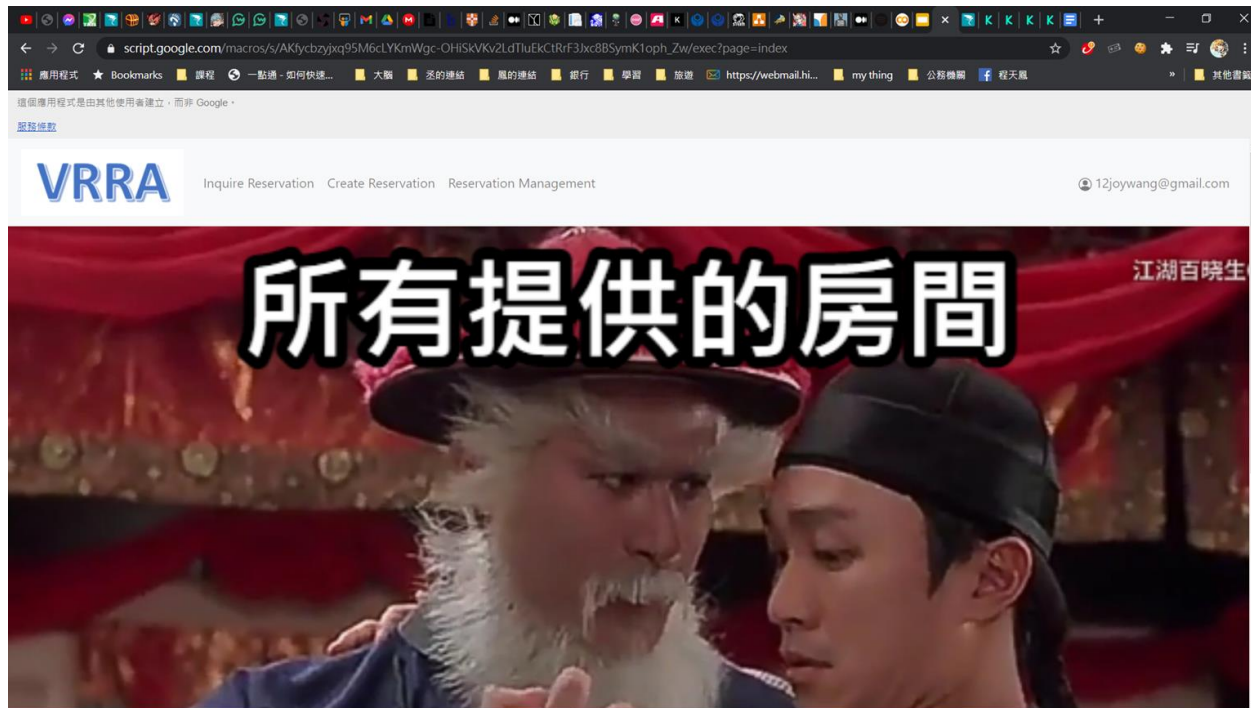
Website Representation-Preconditions Cont.

4. Each meeting's information shall be editable.
5. Email invitations shall be sent to members of the meeting, regardless of whether the meeting is new or not.
6. Email meeting cancellations shall be sent to members of the meeting if the meeting is cancelled OR they are disinvited.



Website Representation

Home Page:



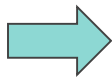
Website Representation

Inquire Reservation:

(meet the first point

in teacher's ppt)

Inquire Reservation



script.google.com/macros/s/AKfycbzyxq95M6cLYKmWgc-OHISkVKv2LdTluEkCtRrF3xc8BSymK1oph_Zw/exec?page=inquire

這個應用程式是由其他使用端建立，而非 Google +

[服務條款](#)

VRRRA Inquire Reservation Create Reservation Reservation Management 12joywang@gmail.com

Room number Host number

年 / 月 / 日 Start End Search

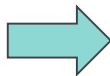
| Room number | Host name | From Time | To Time | Date |
|-------------|-----------|-----------|---------|------------|
| 203 | heyo | 01:00 | 13:00 | 2021-02-06 |
| 2020 | 中文測試 | 00:00 | 08:00 | 2021-01-20 |
| 123 | test | 10:00 | 12:00 | 2021-01-21 |
| 1111 | 1111 | 00:47 | 01:47 | 2021-01-08 |
| 137 | GOGO | 10:23 | 11:23 | 2021-01-07 |
| 157 | GOGO | 10:23 | 11:23 | 2021-01-07 |
| 196 | TEST | 07:45 | 09:45 | 2021-01-29 |
| 197 | TEST | 10:45 | 13:45 | 2021-01-29 |
| 987 | 987 | 03:57 | 04:57 | 2021-01-15 |
| 116 | testt | 05:00 | 08:00 | 2021-01-20 |



Website Representation

Create Reservation:

Create Reservation



script.google.com/macros/s/AKfycbzjxq95M6clYKmWgc-OHISKVKv2LdTLuEkCtRf3Jxc8BSymK1oph_Zw/exec?page=create_reserv

應用程式 ★ Bookmarks 課程 一點鐘 - 如何快速... 大腦 成的連結 風的連結 銀行 學習 旅遊 https://webmail.hi... my thing 公務機關 程天鳳 其他書籤

這個應用程式是由其他使用者建立，而非 Google。

[管理條款](#)

VRRRA Inquire Reservation **Create Reservation** Reservation Management 12joywang@gmail.com

Room number Host number

年 / 月 / 日 Start -- --:-- End -- --:-- **Create**

[add Participant](#) [delete Participant](#)

Contact: 109SE.group26@gmail.com

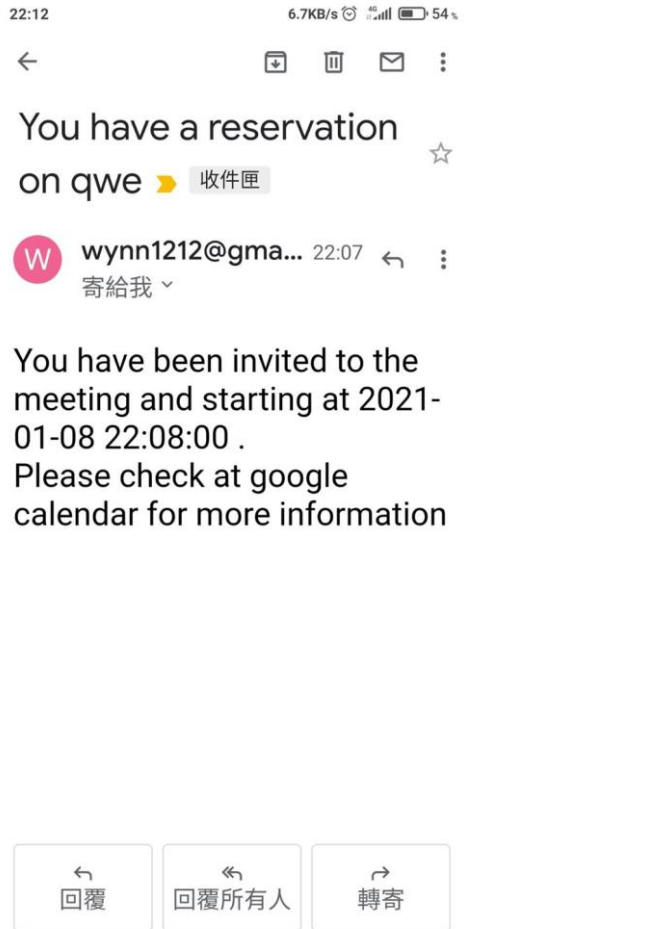
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Website Representation

After create the reservation, in
cellphone:

(meet the second and fifth point
in teacher's ppt)

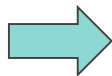




Website Representation

Reservation
Management:

Reservation Management



script.google.com/macros/s/AKfycbzyxq95M6clYKmWgc-OHISkVKv2LdTLuEkCtRf3xc8B8SymK1oph_Ziw/exec?page=modify_reserv

這個應用程式是由其他使用者建立，而非 Google。

[服務條款](#)

VRRR [Inquire Reservation](#) [Create Reservation](#) [Reservation Management](#) 12joywang@gmail.com

| Room number | Host name | From Time | To Time | Date | modify | delete |
|-------------|-----------|-----------|---------|------------|------------------------|------------------------|
| 102 | Joy | 15:17 | 17:17 | 2021-01-26 | modify | delete |

Contact: 109SE.group26@gmail.com

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Website Representation

Modify
Reservation
Management:
(meet the forth
point in
teacher's ppt)

The screenshot shows a web browser window with a URL starting with 'script.google.com'. The page displays a 'Modify' modal form for a reservation system. The background shows a table with reservation data and a sidebar with navigation links.

Modify

Room Number

Host Name

Date Start End

Participant1:

VRRA Inquire Reservation Create Reservation

| Room number | Host name | From Time | To Time | Date |
|-------------|-----------|-----------|---------|------------|
| 102 | Joy | 15:17 | 17:17 | 2021-01-26 |

Contact: 109SE_group26@gmail.com

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Website Representation

Delete

Reservation

Management:

script.google.com/macros/s/AKlycbzyxq95M6cLYKmWgc-OHISkVkv2Ld1TuEkCIRfF3Jxc8BSymKToph_Zw/exec?page=modify_reserv

這個應用程式是由其他使用者建立，而非 Google。

VRRA Inquire Reservation Create Reservation Reservation Management 12joywang@gmail.com

| Room number | Host name | From Time | To Time | Date | modify | delete |
|-------------|-----------|-----------|---------|------------|------------------------|------------------------|
| 234 | joywang | 19:25 | 20:25 | 2021-01-30 | modify | delete |
| 567 | Joy | 20:22 | 21:22 | 2021-01-29 | modify | delete |

Contact: 109SE.group26@gmail.com

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Website Representation

After delete reservation in cellphone:

(meet the sixth point in teacher's ppt)

22:12

0.9KB/s 4G 54%



You have a reservation
on qwe that has been ☆
cancelled ➡ 收件匣



wynn1212@gma... 22:08 ← ⋮

寄給我 ▾

The meeting starting at 2021-01-08 22:08:00 . Has been cancelled. For more information. please contact host for more information



回覆



回覆所有人



轉寄



Group Work

| | |
|---------------|--|
| B10715024 王胤丞 | document writing, ppt writing, speaker |
| B10715029 陳彥瑋 | document writing, code design |
| B10715044 張國彥 | document writing, code design |
| B10730226 曾文彥 | PM, document writing, code design |