# Scheduling Plug-In

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# Analysis required

**Problem**: Tony will be offering "free consultations" to prospects interested in the company's services. Those prospects will need the ability to schedule a consultation with Tony, which corresponds with his availability. Tony wants to call this a "plug-in" because this plug-in needs to be able to add this functionality to different parts of our website and possibly from social media posts.

#### Requirements:

- The ability for Tony to select the time periods that are available for consultations, so only those days/times show up on the calendar.
- The ability for Tony to tell the system how long a "consultation slot" should be. Maybe that is 30 minutes, or 60 minutes, or some other time period.
- The ability for a prospect to see a calendar that shows the available time slots.
- The system should email the prospect the meeting time confirmation. This email should also include the ability for the prospect to easily import the meeting information into their Gmail calendar or their Outlook calendar.
- The system should also send out a meeting reminder 4 business hours before the meeting. For example, if the meeting is at 2 pm, then the meeting reminder should be sent at 10 am. If the meeting is scheduled before noon, then two reminders should be sent: one at 4 pm the day before and the second one 1 hour before the meeting.
- The ability for Tony to set up a questionnaire for each type of consultation, that the prospect would need to fill out, in order to participate in the consultation. This allows Tony to prepare for the consultation ahead of

- time. The questionnaires would be different, depending on if it is a Joule Broker consultation compared to an MGI Solutions consultation.
- The system needs to store all of the scheduled consultations. It also needs to store all of the completed questionnaires. It needs to keep track of whether or not a questionnaire is complete. If not, then the system needs to remind the prospect to finish filling out the questionnaire. If it is not filled out, then the consultation should be rescheduled when the questionnaire is complete.

# Plug-in solution

We will create a new website using difference architecture and systems without change architecture on JB & MGI websites.

My suggestion is to add a button at the Contact Page or pop-up on JB & MGI websites to suggest prospects request a free consultation. If the prospect clicks on the "Request Consultation" button, the site will open the calendar page and allow the prospect to set schedule on free slot consultation. And admin site to manage, approve, decline consultation.

# Question

I have some question please clarify it. Thank you.

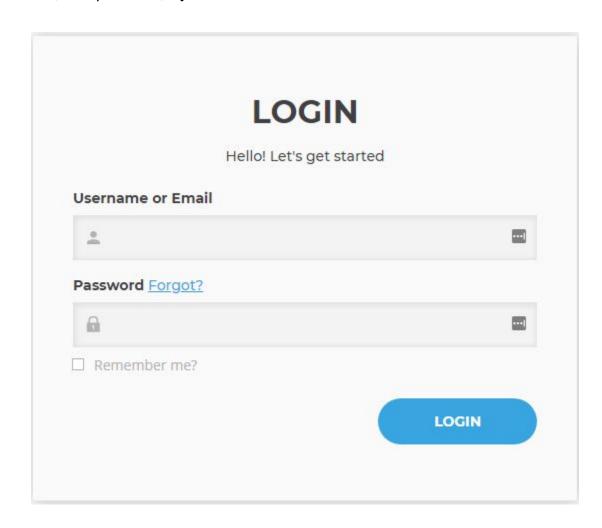
- 1. The consultation is online or meeting at the specific address?
  - o I will add the address on the consultation details
- 2. Does consultation have stauts Success/Fail/Re-schedule?
- 3. How many users do you want to process this Plug-in? Only you or can add more users?
- 4. In case someone trying to spam the Plugin, do you want to ban their phone number and email address?

I will separate this BA document into three parts: Admin side, Prospect side, System side.

## Admin side

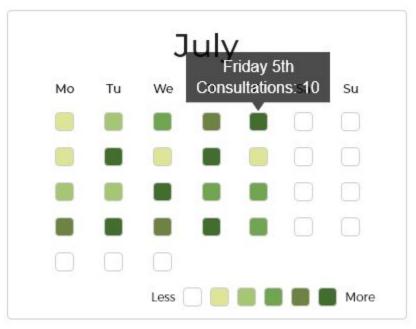
# Login Page

- Email
- Password
- Forget password
- Remember me checkbox
- Login button



## Homepage - Dashboard page

- Heatmap calendar: to show the activities of this month
  - o Green dot to show up how many consultations in a day.
  - o Hover on the green dot view tooltips: a total of consultation of that day



- Next consultation
  - Date-time
  - Prospect info
    - Name
    - Email

- Phone Number
- Contact from (The page prospect require a consultation)
- View more link (to view the answers)
- Metric card
  - Total consultation
  - Total consultation remain
  - Avg consultation per month = Total consultation/business day of this month
- Next consultation list Pending consultation list
  - A grid
    - Name
    - Date-time meeting (default sort)
    - Contact from
    - Command column
      - Decline button
      - Accept button
      - Details button
  - View more link
    - Display a pop-up with detail consultation
      - Full Name
      - Email
      - Phone number
      - Date
      - Time

- Contact from
- Question and answers list
- Paging if we have more questions
- Approve button
- Decline button
- Cancel button
- Approve/Decline action
  - Ask the user to confirm their action "Do you want to accept/decline this consultation"
  - Reason textbox to write a reason (required)
  - Yes/No button

 $\equiv$ 

Home

Calenda

Manage Consultation

Manage Questionnaire



#### **Next Consultation**

Date: 07-26-2019 14:00 - 15:30

Full Name: Jimmy McGill

Email: jimmy@mcgill.com

Phone Number: (234)-124-254

Contact from: Joule Broker

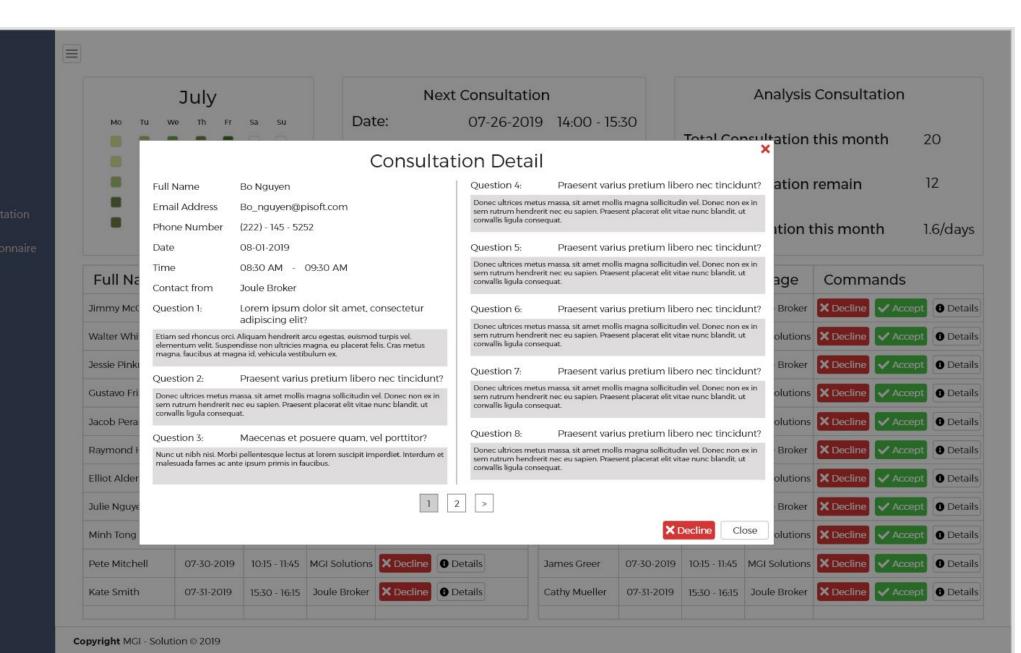
View more >>

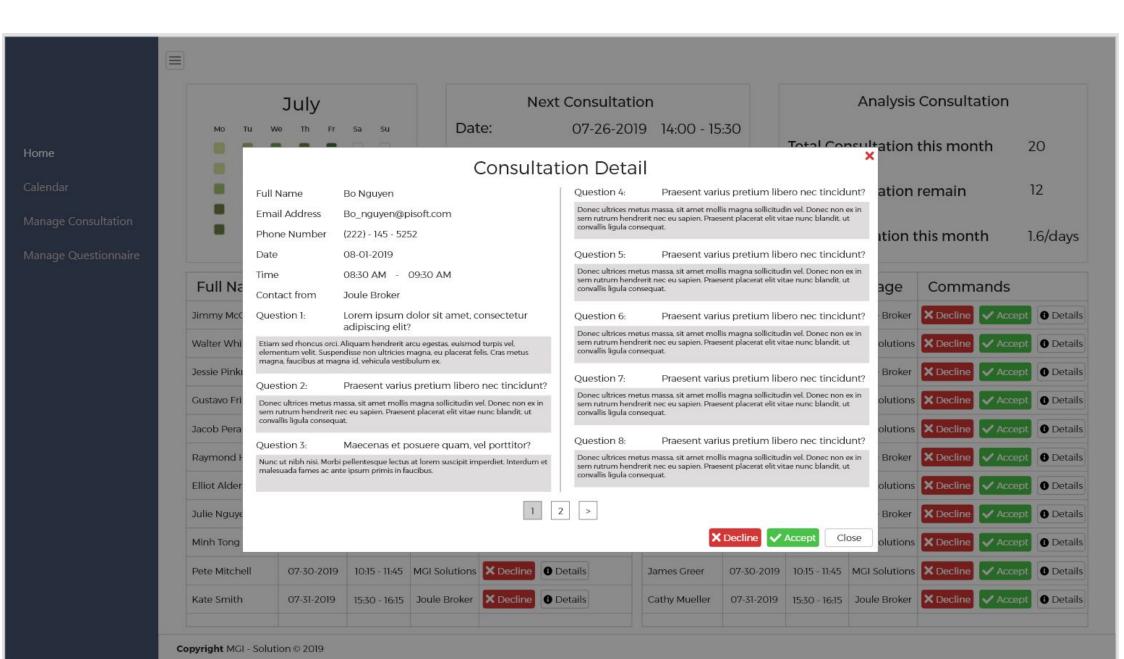
Analysis Consultation	
Total Consultation this month	20
Total Consultation remain	12
AVG Consultation this month	1.6/days

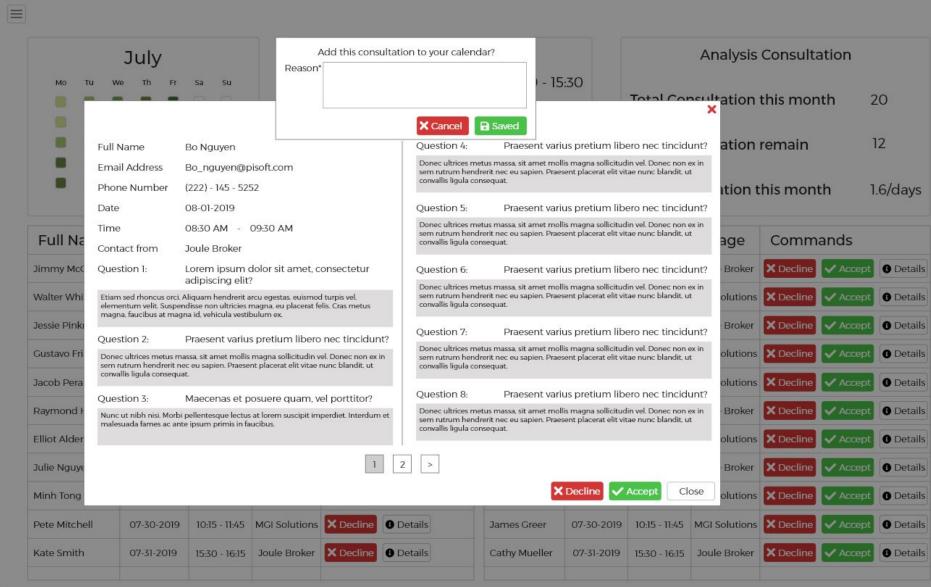
Full Name	Date	Time	Page	Commands
Jimmy McGIll	07-26-2019	14:00 - 15:30	Joule Broker	X Decline Details
Walter White	07-26-2019	16:00 - 16:30	MGI Solutions	X Decline Details
Jessie Pinkman	07-27-2019	08:00 - 9:00	Joule Broker	X Decline
Gustavo Frings	07-27-2019	10:00 - 10:45	MGI Solutions	X Decline Details
Jacob Peralta	07-27-2019	14:00 - 14:30	MGI Solutions	X Decline
Raymond Holt	07-27-2019	15:00 - 16:30	Joule Broker	X Decline Details
Elliot Alderson	07-29-2019	08:30 - 9:15	MGI Solutions	X Decline Details
Julie Nguyen	07-29-2019	09:30 - 11:00	Joule Broker	X Decline Details
Minh Tong	07-29-2019	14:00 - 15:30	MGI Solutions	X Decline Details
Pete Mitchell	07-30-2019	10:15 - 11:45	MGI Solutions	X Decline Details
Kate Smith	07-31-2019	15:30 - 16:15	Joule Broker	X Decline ① Details

Full Name	Date	Time	Page	Commands
Rosa Diaz	07-26-2019	14:00 - 15:30	Joule Broker	X Decline ✓ Accept ● Details
Terry Jeffords	07-26-2019	16:00 - 16:30	MGI Solutions	X Decline  ✓ Accept
Charles Boyle	07-27-2019	08:00 - 9:00	Joule Broker	X Decline
Skyler White	07-27-2019	10:00 - 10:45	MGI Solutions	X Decline  Accept  Details
Hank Schrader	07-27-2019	14:00 - 14:30	MGI Solutions	X Decline  Accept  Details
Marie Schrader	07-27-2019	15:00 - 16:30	Joule Broker	X Decline  ✓ Accept
Angela Moss	07-29-2019	08:30 - 9:15	MGI Solutions	X Decline  Accept  Details
Tyrell Wellick	07-29-2019	09:30 - 11:00	Joule Broker	X Decline
Phillip Price	07-29-2019	14:00 - 15:30	MGI Solutions	X Decline  ✓ Accept
James Greer	07-30-2019	10:15 - 11:45	MGI Solutions	X Decline  ✓ Accept
Cathy Mueller	07-31-2019	15:30 - 16:15	Joule Broker	X Decline

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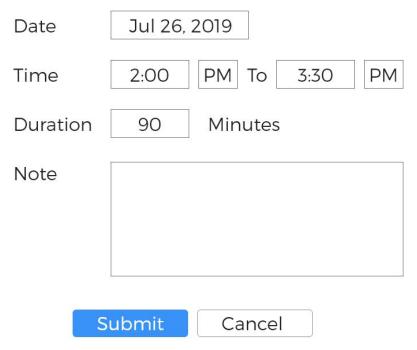




### Calendar page

- View as Google calendar
  - Allow the user change view between Day, Week, Month with hour list (default = week)
- Time slot
  - Default time list is grey
  - o Time slot color
    - White: Available time slot
    - Blue: Next consultation
    - Green: Today consultation
  - Filter time slot view on the calendar (default = view all available to save the filter setting)
    - White: Available time slot (default no-filter)
    - Yellow: Consultation expired
    - Blue: Next consultation
    - Green: Consultation at the moment
- Create/Edit/Delete time slot
  - Create: Click on the calendar or Create button to create a new Free Time
    - Date
    - Time start
    - Time end
    - Duration = [Time End] [Time start] (or enter Time start + Duration = Time End)
    - Note

- Available time slot
- Consultation expired
- Next consultation
- Consultation at the moment

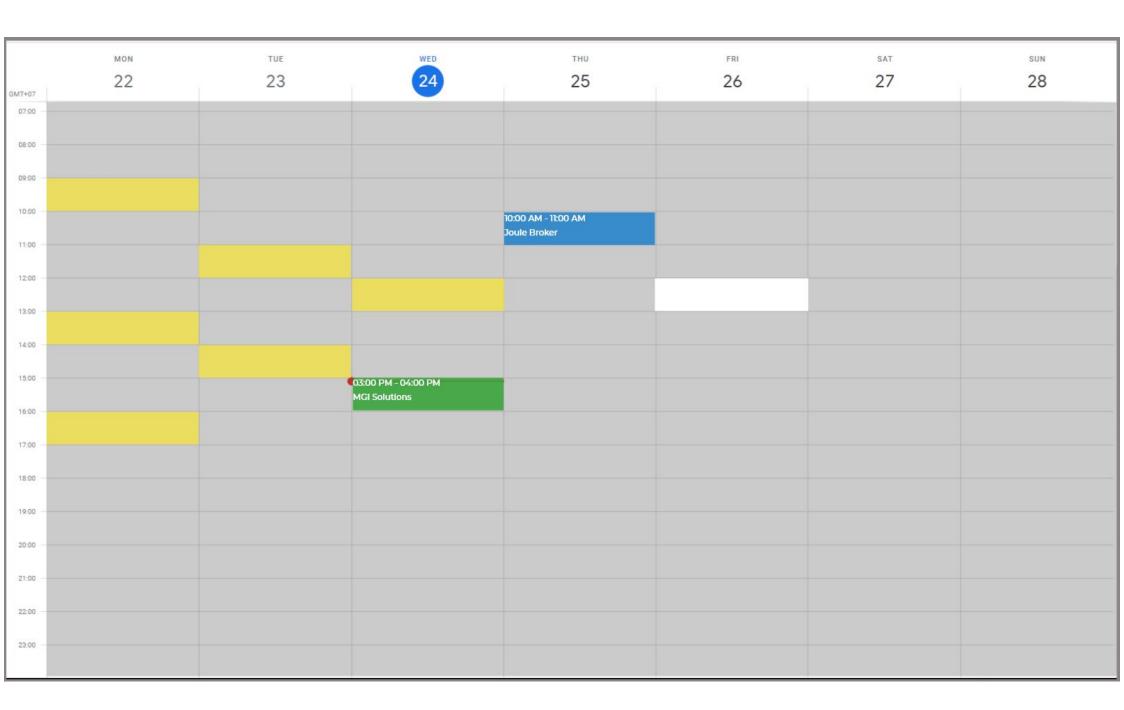


- o Edit: Click on Free time slot on the Calendar or Free slot list to edit Date time
- o Delete: Delete free time slot on Edit or Free Time list
- List free slot by Grid list
  - Date
  - o Time
  - Duration
  - Note
  - Commands

Date	Time	Duration	Note	Commands
07-26-2019	14:00 - 15:30	90		X Delete Edit Details
07-26-2019	16:00 - 16:30	30		X Delete Edit Details
07-27-2019	08:00 - 9:00	60		X Delete Edit Details
07-27-2019	10:00 - 10:45	45		X Delete Edit Details
07-27-2019	14:00 - 14:30	30		X Delete Edit Details
07-27-2019	15:00 - 16:30	90		X Delete Edit Details
07-29-2019	08:30 - 9:15	45		X Delete Edit Details
07-29-2019	09:30 - 11:00	90		X Delete Edit Details
07-29-2019	14:00 - 15:30	90		X Delete Edit Details
07-30-2019	10:15 - 11:45	90		X Delete Edit Details
07-31-2019	15:30 - 16:15	45		X Delete Edit Details

- Create a new free slot by user
  - $\circ\;$  User click on the calendar to open create a new free slot page

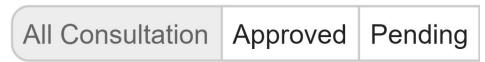
MON	TUE	WED	THU	FRI	SAT	Day
15	16	17	18	19	20	Week
300000	LVAN-AUCT	J Martinesis	100000		2-45 oct 6-48 iii	Month
						Year
						Schedule
						4 days
						✓ Show weekend
						✓ Show declined
						V Show dealines



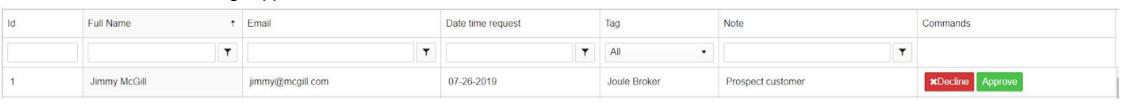
	MON	TUE	WED	THU	FRI	SAT	SUN
	22	23	24	25	26	27	28
GMT+07	ARTOMOTIA.			76/736-75	100000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1770/46-1
07:00							
08:00							
09:00		•					
10:00							
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17:00 —							
18:00							
19:00							
20:00							
21:00 —							
22:00							
23:00 —							

### Manage Consultation

• Tab view consultation list - Default = Approved



- Display list consultation by grid
  - ID consultation
  - Full Name
  - Email address
  - Date time request consultation (Default sort)
  - Tag (MGI, Joule Broker)
  - Note (Reason)
  - Commands (Control button)
    - Approved: Cancel button, Details button
    - Pending: Approve button, Decline button, Details button



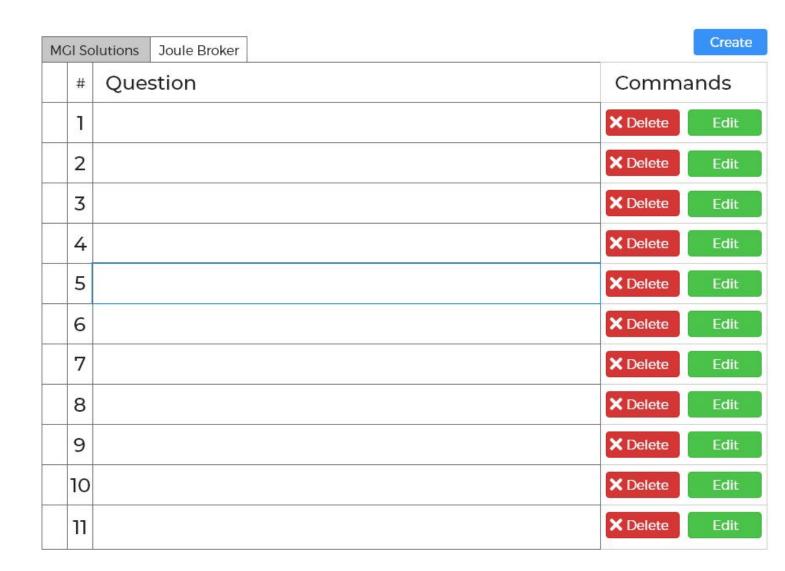
### Manage Questionnaire

- Joule Broker category
  - View question list
  - Add question
  - Remove question
  - Sort question
- MGI Solutions category
  - View question list
  - Add question
  - Remove question
  - Sort question

#### **Profile**

- Manage Password
- Logout



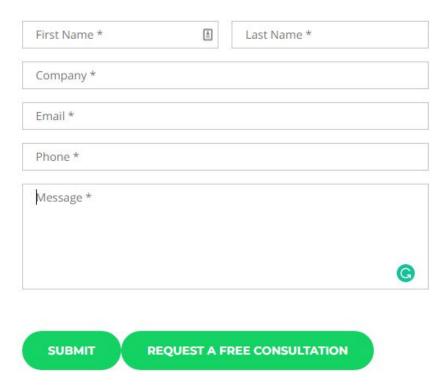


# **Prospect Side**

## 1. Prospect require

Prospect will require a Free Consultation on Joule Broker or MGI Solutions by click on the "Get free consultation" button on Contact Page.

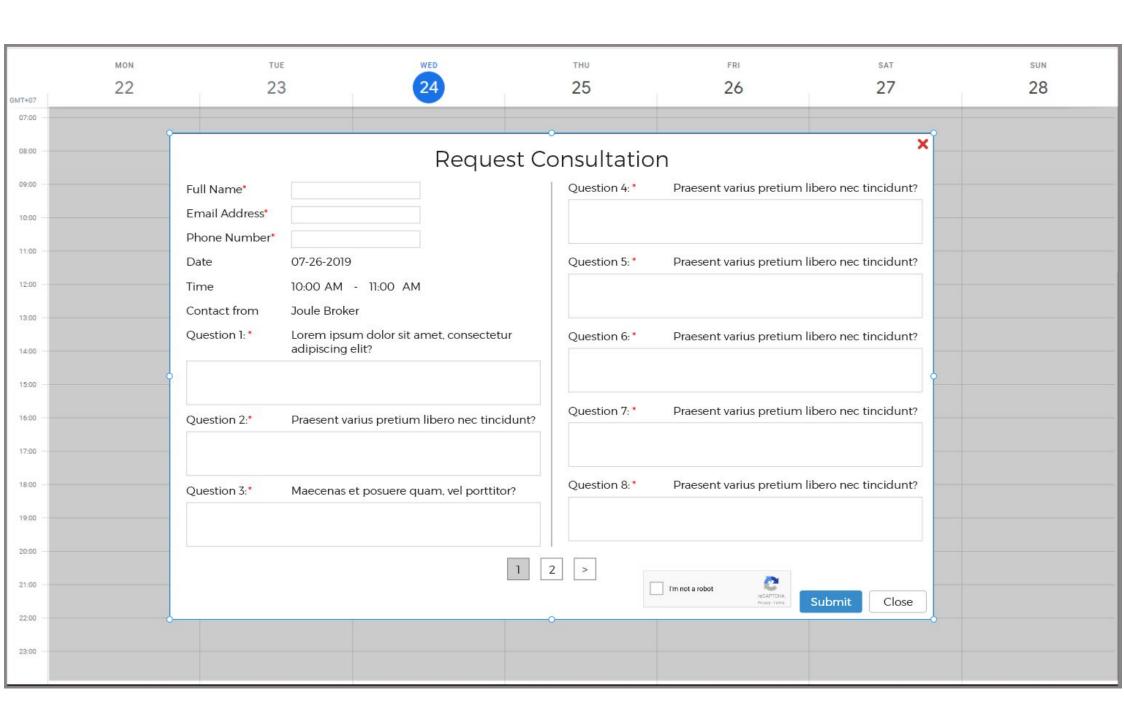
### **Get In Touch**

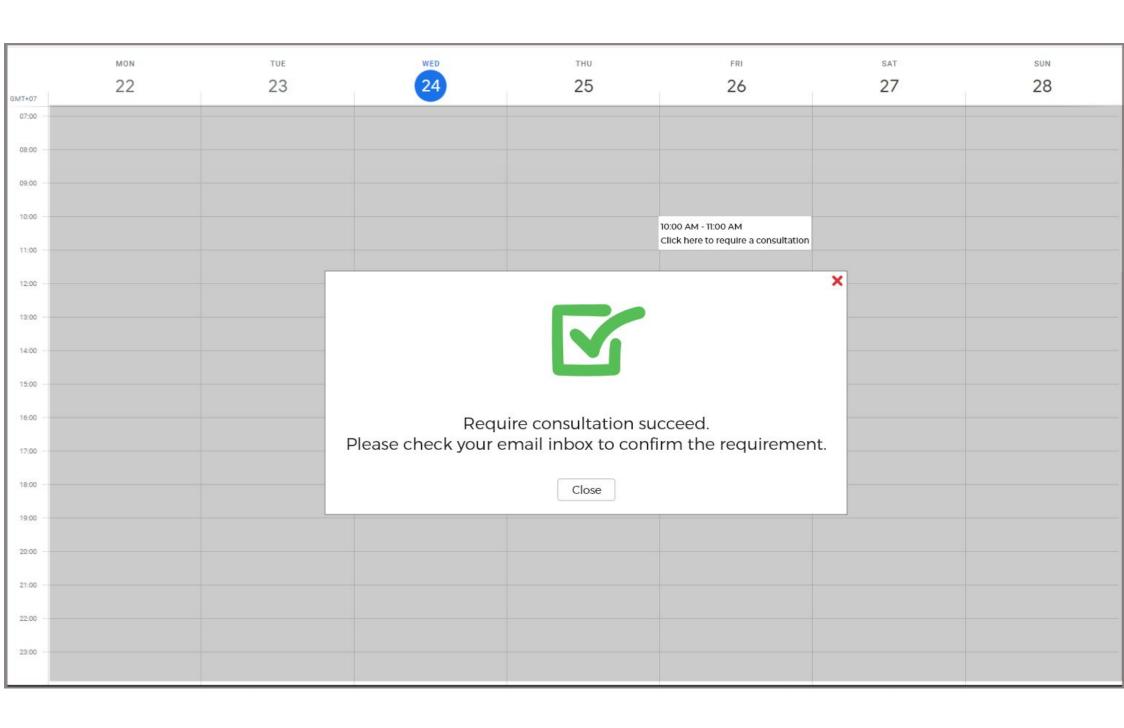


### 2. Prospect set schedule for consultation

- It will open the <u>calendar page to allow the prospect set schedule for a consultation</u>.
- Prospect will view the calendar page with free slot only
- Prospect clicks on a free time slot to set schedule for a consultation
- Prospect has to fill email address, phone number, answers all of the questionnaires and click on Google Captcha to confirm it doesn't a bot.
- The Calendar page will pop-up a message "Check your email to confirm the request".
- The page will send an email to confirm the consultation, the prospect can accept or decline the consultation.

	MON	TUE	WED	ТНИ	FRI	SAT	SUN
	22	23	24	25	26	27	28
GMT+07		20		20	20		20
07:00							
08:00							
09:00							
10:00					10:00 AM - 11:00 AM		
					Click here to require a consultation		
11:00							
12:00							
				12:00 PM - 1:00 PM Click here to require a consultation			
13:00				S.S to require a consultation			
14:00				2:00 PM - 3:00 PM			
15:00				Click here to require a consultation			
					3:00 PM - 4:00 PM Click here to require a consultation		
16:00					Circk fiele to require a consultation		
1700							
17:00							
18:00							
19:00							
20.00							
20:00							
21:00							
22:00							
23:00							





### 3. Prospect confirm the consultation

Send an email to make sure prospect wants a consultation

- Date time request
- Confirm button Yes/No from their action
- 4. Remind prospect before the consultation

If the meeting from 8:00 AM - 12:00 PM, send a reminder via email

- 4:00 PM a day before the meeting
- 1 hour before the meeting

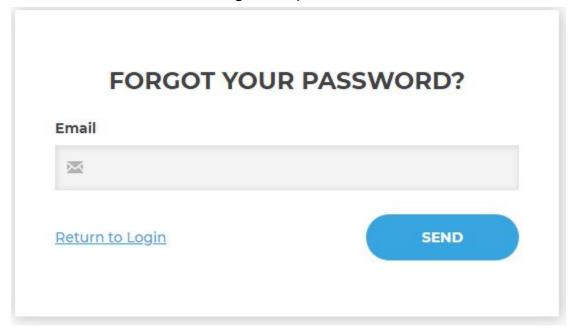
If the meeting from 12:01 PM to 5:00 PM, send a reminder via email

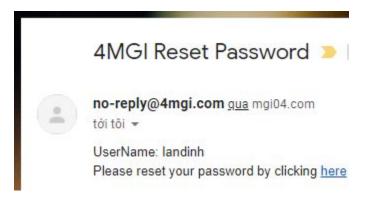
- 4 hours before the meeting. Example if the meeting at 2:00 PM, send the reminder at 10:00 AM
- 1 hour before the meeting
- 5. Require consultation succeed
  - Email to the prospect the information about the consultation
  - .ics file so they can import to Google Calendar & Outlook calendar

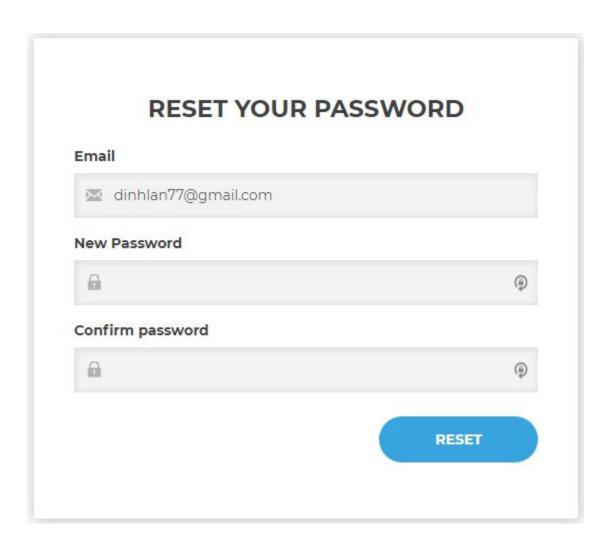
# System Side

# 1. Forget password

When the user clicks on forget the password, send an email to reset the password.







#### 2. Prospect require

Prospect click on the Request free consultation" button the system will recognize which pages prospect come from (Joule Broker or MGI Solutions).

### 3. Prospect confirm the required consultation

If the prospect confirms the email, it will open a new page with a message "Require consultation succeed". If the prospect declines the email, it will open a new page with a message "Thank you for your time".

### 4. Prospect set schedule for consultation

When we got wich pages prospect came from, we will display the difference questionnaire (Joule Broker or MGI Solutions).

Prospect confirm for set schedule for a meeting

Depend on which pages prospect came from, send and email layout to confirm the action.

### 5. Accept consultation

Admin accepts the consultation

- Add the consultation to free slot on the calendar page
- Display the consultation on the Next Consultation list
- Decline the consultations have the same date-time.

Delete time slot

- Remove the free time slot list
- Remove the free time slot from the calendar
- Send an email to Prospect have required at the time to change schedule
  - With a link so the prospect can re-schedule
- 6. Edit time slot (edit date or time)
  - Update free time slot list
  - Update the calendar list
  - Send an email to Prospect have required at the time to change schedule
    - With a link so the prospect can re-schedule
  - If Update date-time = free time exits Then deny the action.
- 7 Decline consultation
- Send email to prospect the consultation was canceled
- Change consultation status to available
- Remove the consultation
- 8. Free time slot expired

FreeTime.Status = available **AND** FreeTime.Date < Today

- Change FreeTime.Status = expired
- Removed Free time slot out of free time list
- Change the color on the calendar from white to yellow
- View only, cannot edit or delete
- 9. Convert time zone
- Note: Convert time zone to local time zone. Default Time zone = Tampa, Florida