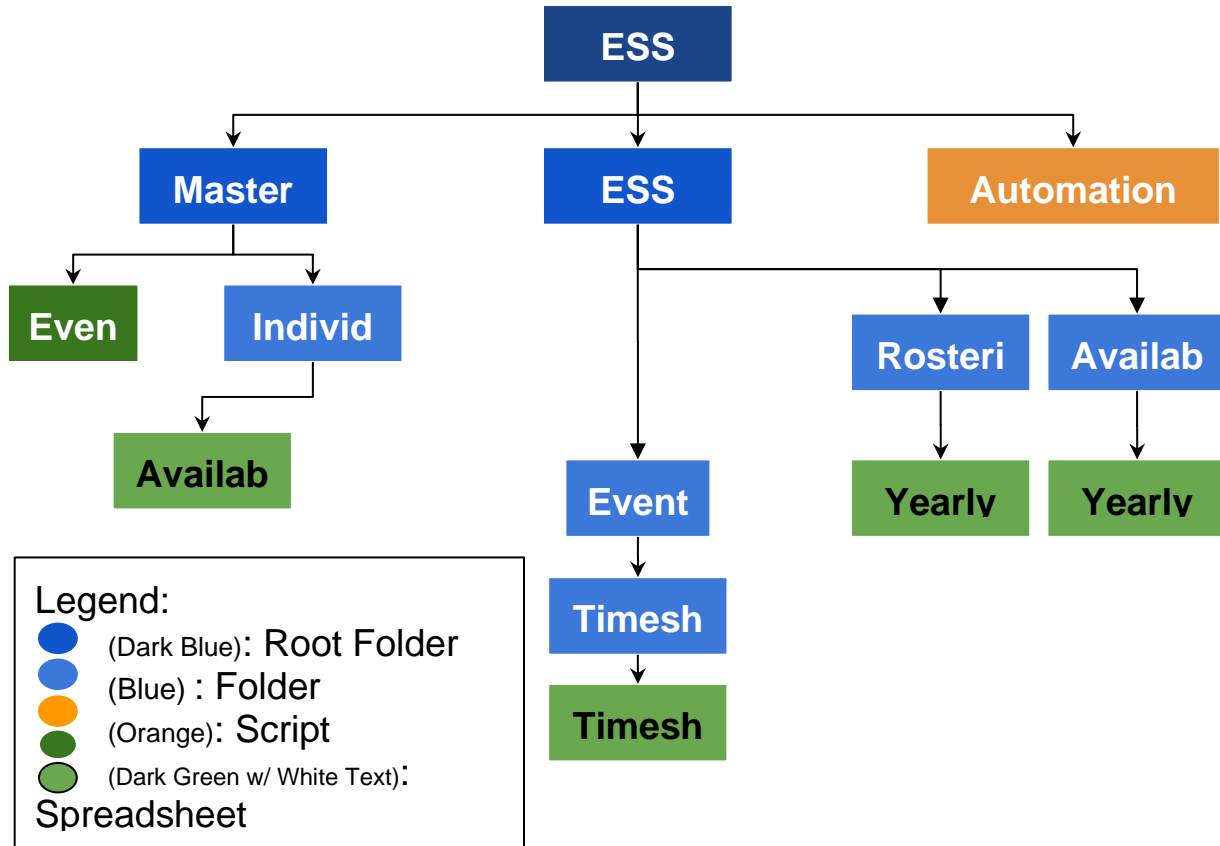


# Introduction to the System

## Layout/File Hierarchy



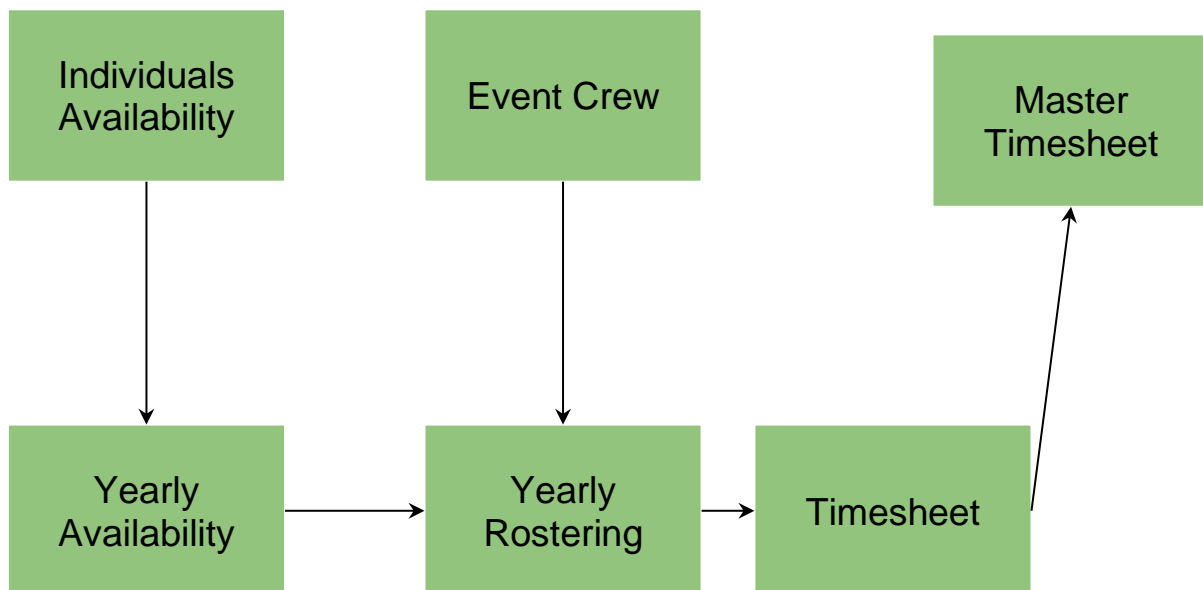
Folder/File Name	Description	Additional Details	Sub Folders & Files
Root Folder			
ESS Main Folder	Root Directory for the project	1. For convenience purposes a. Easier to share with people 2. <b><u>REQUIRED ROOT FOLDER</u></b>	- ESS 2023 - Master Folder - Automation
Main Folder			
ESS 2023	Contains files and folders that require to be created	1. Yearly Creation 2. Automated 3. Fixed Naming	- 1. Event (OTH) - Availability

	based on <b>THE YEAR</b> .	Convention will be ESS + Year I.e.: (ESS 2024)	- Rostering
Master Folder	Contains Master Spreadsheet (All details) & Individual Spreadsheet for Availability	<ol style="list-style-type: none"> <li>1. Folder should not be edited <b>AT ALL</b></li> <li>2. A backup copy will be generated every month</li> </ol>	<ul style="list-style-type: none"> <li>- Event Crew</li> <li>- Individuals</li> </ul>
<b>Script</b>			
Automation	Script used to automated all most of the files and folders. Used to generate files and populate data.	<ol style="list-style-type: none"> <li>1. <b><u>CODING SKILLS REQUIRED</u></b></li> <li>2. Controls all the automation, creation of specific folders and files</li> <li>3. Prone to error if edited</li> </ol>	
<b>ESS 2023 Sub Folders</b>			
1. Event (OTH)	Contains all details of events.	<ol style="list-style-type: none"> <li>1. <u>Replicated Folder Hierarchy from ESS</u></li> <li>2. Hierarchy might change based on <b><u>REQUIREMENT</u></b></li> <li>3. <b>Only Timesheet is being replicated into this environment.</b></li> </ol>	- Timesheet Folder
Availability	Contains the spreadsheet for monthly availability	<ol style="list-style-type: none"> <li>1. Automated</li> <li>2. Fixed Naming Convention</li> </ol>	- Yearly Availability
Rostering	Contains the spreadsheet for monthly rostering	<ol style="list-style-type: none"> <li>1. Automated</li> <li>2. Fixed Naming Convention</li> </ol>	- Yearly Rostering
<b>Master Folder Sub Folders</b>			
Individuals	Contains all the availability spreadsheet of the event crews	<ol style="list-style-type: none"> <li>1. Template Generated from Event Crew</li> </ol>	<ul style="list-style-type: none"> <li>- Individual Availability Spreadsheet</li> <li>- Portfolio</li> </ul>

Event Crew	Master sheet containing all details of personnel.	<ol style="list-style-type: none"> <li>1. <b>Should not be AUTOMATED</b></li> <li>2. Only will be pulling data from this spreadsheet</li> <li>3. Treated as the database with <u>READ</u> access only</li> </ol>	
Event (OTH)			
Timesheet Folder	Contains timesheet spreadsheet	<ol style="list-style-type: none"> <li>1. <u>Replicated Folder Hierarchy from ESS</u></li> <li>2. Hierarchy might change based on <b>REQUIREMENT</b></li> </ol>	- Timesheet Spreadsheet
Availability			
Yearly Availability	Contains details for all availability on a monthly basis (Up to 1 year)	<ol style="list-style-type: none"> <li>1. Fast and Easy tracker of availability</li> <li>2. Pulls all data from <b>Individuals</b> Folder and populate the spreadsheet</li> </ol>	
Rostering			
Yearly Rostering	Contains details for rostering on a monthly basis. (Up to 1 year)	<ol style="list-style-type: none"> <li>1. Easy tracker for availability, role and event</li> <li>2. Pulls all the data from Availability</li> <li>3. Require User Inputs</li> <li>4. Should not interrupt or remove any user input when updating</li> </ol>	
Individuals			
Availability	Contains all availability of users	<ol style="list-style-type: none"> <li>1. Contains Huge amount of user input data</li> <li>2. Template will be generated based on monthly basis</li> <li>3. Naming Convention must be <b>FIXED</b></li> </ol>	

		(ESSID_Name)	
<b>Timesheet Folder</b>			
Timesheet	Contains the details of the timesheet for a specific event	<ol style="list-style-type: none"> <li>1. Table is arranged based on Date, Group, Roles</li> <li>2. User will input data</li> <li>3. Specification will change accordingly based on requirement</li> <li>4. Will pull data from Yearly Rostering</li> </ol>	

## Data Structure/Linkage



# Spreadsheet Attributes

## Yearly Availability

Attributes			
<u>ESS ID</u>	Name	Date	
Example Row			
20230102	David	Available	Not Available

# Yearly Roster MasterSheet

Attributes								
Empty Row				Date				
<u>ESS ID</u>	Name	Mobile	Location	Availability	Partially Available (e.g. Free Till 3pm OR Free AFTER 3pm.)	Rostered Role	Rostered For (Event Name)	Event ID
Example Row								
20230102	David	84123214	Sengkang	Available		IC	iLight	OTH #2023-001

# Timesheet

Attributes					
Event Code	Approval Status	Invoice Status	Empty Row		
Valuation Date (Header)	Valuation Date	Empty Row			
Timesheet Done By (Header)	Employee Name	Empty Row			
Example Row					
Event Title	No	<u>ESS Serial No.</u>	Name	Role	Date
	1	20230102	David	IC	1 Jun

# Individuals

Attributes	
Date	Availability
Example Row	
1 June 23	Available



## Attributes

Attribute	Details
Availability	<u>Fixed Dropdown List</u> 1. Available 2. till 3pm 3. after 3pm 4. Not Available
ESS ID	Must be in <b>digits</b> (Cannot be <b>alphanumeric</b> )
Name	Can have <b>alphanumeric &amp; special characters</b>
Role	Can have <b>alphanumeric &amp; special characters</b>
Date	<b>Do NOT EDITED ON</b> <ul style="list-style-type: none"><li>- Yearly Availability</li><li>- Yearly Roster Mastersheet</li><li>- Individuals</li></ul>
Mobile	Must be in <b>digits</b> (Cannot be <b>alphanumeric</b> )
Location	Can have <b>alphanumeric &amp; special characters</b>
Event Name	Can have <b>alphanumeric &amp; special characters</b>
Event ID	Can have <b>alphanumeric &amp; special characters</b>

# Features

This section indicates all the features required to create the system. Any features not included within this section are considered additional features and will be discussed based on the discretion of the client and the contractor.

## 1. Individual

This Folder contains the availability of all personnel using spreadsheets. Alterations to it may cause the system to break down.

### 1.1. Template Creation of Availability

This feature represents the creation of a Spreadsheet and the respective Template used. New Spreadsheet is created only when the personnel is not found within the Individual **Folder**.

This feature will require details from Event Crew Spreadsheet – such as **ESS ID** and **Name**. The file name will follow the naming convention of **ESSID\_Name** as shown below in 1.1.a.



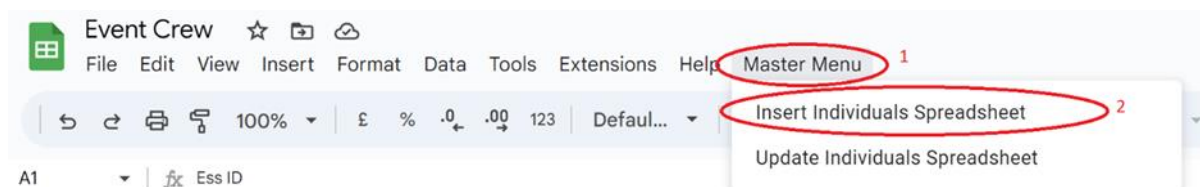
#### 1.1.a. Spreadsheet Details converted to File Name.

Within the file, it will follow the template as shown in the illustration of 1.1.b.

### 1.1.b. Template for Individual Availability

This feature will be limited to only the creation of a Spreadsheet. Any misentry of the Event Crew Spreadsheet will lead to weird outputs during the template creation. Users are to ensure that inputs are correct before any generation of templates.

This feature can be found in Event Crew Spreadsheet as shown below:



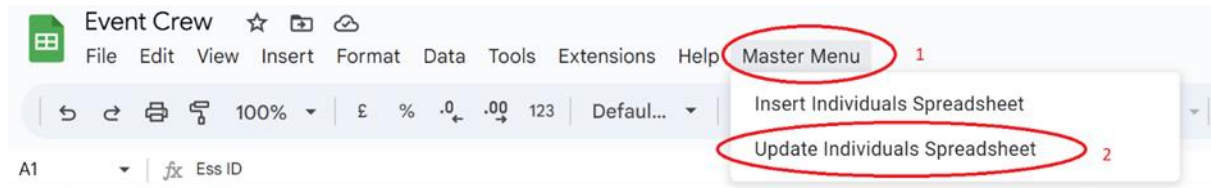
#### 1.1.c. Event Crew Spreadsheet Menu

This feature is limited to **twice per day**. This constraint is due to the **limitation of Google App Script**.

## 1.2. Generating Monthly Individual Spreadsheet Template

This feature functions similarly to 1.1. It will produce a template for an event crew found in **Individual Folder**. However, it will not create new spreadsheet files for anyone not found.

This feature can be found in Event Crew Spreadsheet as shown below:



### 1.2.a. Event Crew Spreadsheet Menu

This feature is limited to **twice per day**. This constraint is due to the **limitation of Google App Script**.

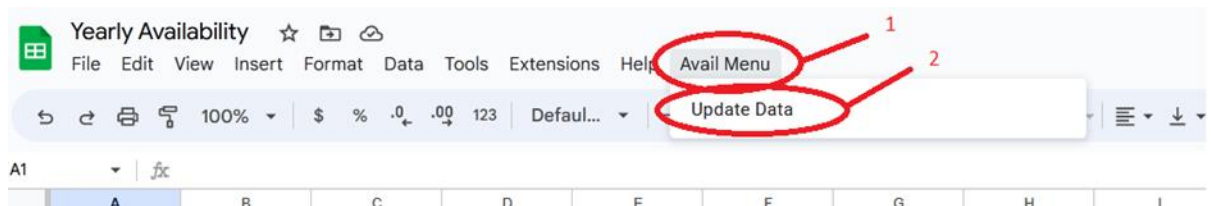
## 2. Availability

This Folder contains the master sheet for availability. Alterations to it may cause the system to break down.

### 2.1. Update All Availability

This feature updates the Yearly Availability Spreadsheet from the **Individual Folder**. It pulls all the data from every spreadsheet found in **Individual Folder**. Alterations to this spreadsheet might affect linked spreadsheets. **Update Data** will overwrite any changes made to the spreadsheet.

This feature can be found in Yearly Availability Spreadsheet as shown below:



### 2.1.a. Yearly Availability Spreadsheet Menu

This feature is limited to **twice per day**. This constraint is due to the **limitation of Google App Script**.

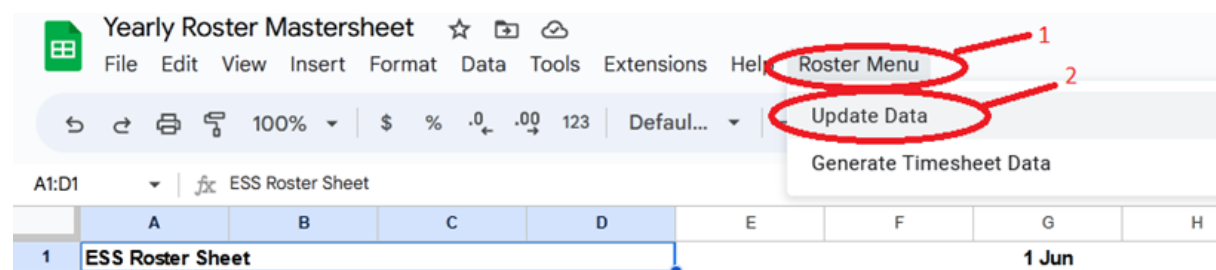
## 3. Roster

This Folder contains the master sheet for rostering. Alterations to it may cause the system to break down.

### 3.1. Update All Roster Data

This feature updates the Yearly Roster Mastersheet Spreadsheet from **Yearly Availability Spreadsheet**. **Update Data** will not overwrite any changes made to the spreadsheet. This feature has no constraints on the number of times it can execute.

This feature can be found in Yearly Roster Mastersheet Spreadsheet as shown below:

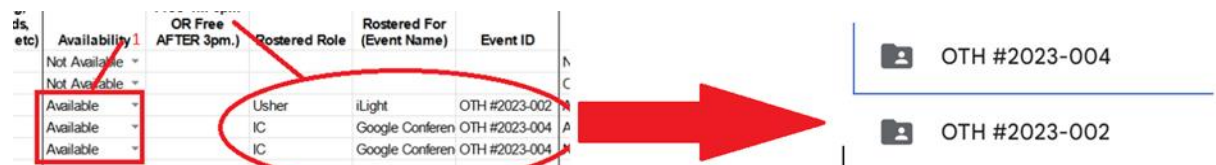


### 3.1.a. Yearly Roster Mastersheet Spreadsheet Menu

### 3.2. Generate Timesheet Data

This feature will either generate a new timesheet spreadsheet when no valid folder and spreadsheets are found or populate data into the specific timesheet.

This feature will require details based on **Yearly Roster Mastersheet Spreadsheet** – such as the **Availability of the Crew** and **Event ID**. The file name will follow the naming convention of **EventID** as shown below in 3.2.a.



### 3.2.a. Yearly Roster Mastersheet Details converts to Folder Name

Within the file, it will follow the template as shown in the illustration of 3.2.b.

Input Event Code (Refer to Master Account Sheet)															
Valuation Data (Refer to Bank Statement)															
Done By (Input your Name)															
	No.	ESS Serial No.	Name	Role	Date	Start Time	End Time	Duration	Rate	Amount	Transport Claims	Meals Claims	ART Claims	Amount	Remarks
								0	▼	\$0.00				\$0.00	
								0	▼	\$0.00				\$0.00	
								0	▼	\$0.00				\$0.00	
								0	▼	\$0.00				\$0.00	

### 3.2.b. Template for Timesheet

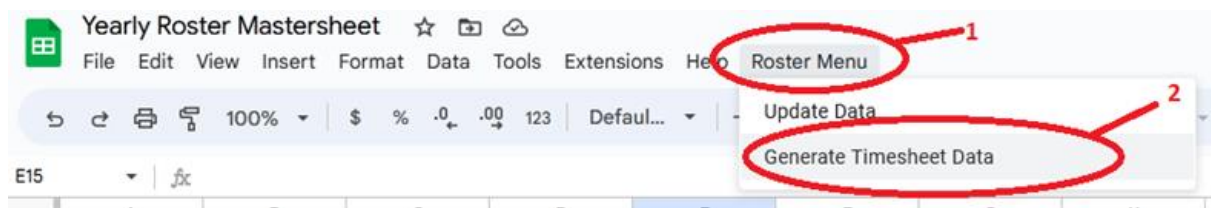
Once a timesheet spreadsheet is found, it will automatically populate all data based on the following:

No.	ESS Serial No.	Name	Role	Date
1	4	David	IC,Usher	1 Jun, 2 Ju
2	5	Aaron	IC	1

### 3.2.c. Data Structure of Populated Columns

Any misentry of the Yearly Roster Mastersheet Spreadsheet will lead to weird outputs during the template creation. Users are to ensure that inputs are correct before any generation of templates.

This feature can be found in Yearly Roster Mastersheet Spreadsheet as shown below:



### 3.2.d. Yearly Roster Mastersheet Spreadsheet Menu

## 4. Yearly Creation of Folder Hierarchy

All folders and relevant spreadsheets will be created based every year.

The following Folders and Spreadsheets will be created.

1. ESS 2023
  - a. Rostering
    - i. Yearly Roster Mastersheet
  - b. Availability
    - i. Yearly Availability
  - c. 1. Events (OTH) ...
    - i. OTH #2023-998 Cancelled Project 2023
    - ii. OTH #2023-999 Completed Project 2023

## 5. Monthly Creation of Spreadsheet Template

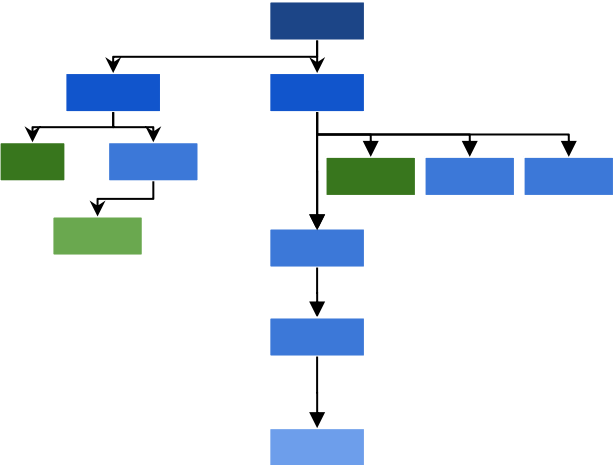
Both Yearly Availability and Yearly Roster Mastersheet spreadsheets will generate templates automatically whenever it is passed the 10<sup>th</sup> of the month.

# Constraints

## Automation

Constraints	Documentation
Spreadsheet Creation	<a href="https://developers.google.com/apps-script/guides/services/quotas">https://developers.google.com/apps-script/guides/services/quotas</a>
Details	
Maximum Amount of Spreadsheet can only be <b>250 Sheets per day</b>	
Maximum Amount Script Run Time can only be <b>90 minutes MAXIMUM</b>	

Folder

Constraints	
Folder Hierarchy	
Details	Example
Cannot be <b>EDITED</b>	<div><p>ESS Main Folder</p><ul style="list-style-type: none"><li>1. ESS (Current Year)<ul style="list-style-type: none"><li>a. Rostering</li><li>b. Availability</li><li>c. 1. Events (...)<ul style="list-style-type: none"><li>i. Event ID<ul style="list-style-type: none"><li>1. Timesheet</li></ul></li></ul></li></ul></li><li>2. Master Folder<ul style="list-style-type: none"><li>a. Individuals</li></ul></li></ul></div>
Folder Name	
Details	Example
Folder Name Cannot be <b>EDITED</b>	<div><p><u>Original Template</u></p><div><div>ESS Main Folder</div><div><div>ESS 2023</div><div><div>Rostering</div></div></div></div></div>

Availability

1. Events  
(...)

OTH  
#2023-001

Timesheet

Master  
Folder

Individuals

1. ESS Main Folder ⇒ Master Folder
  1. ESS Year ⇒ Recurring Folder
    - i. Rostering ⇒ Contain Roster Sheet
    - ii. Availability ⇒ Contain Availability Sheet
    - iii. 1. Events (...)
      1. Event ID ⇒ Auto Created
        - a. Timesheet ⇒ Auto Created
  2. Master Folder ⇒ Non-recurring Folder
    - i. Individuals ⇒ Non-recurring Folder

Wrong Format : ❌

**ESS  
Folder**

ESS  
2023

Rostering

Availability

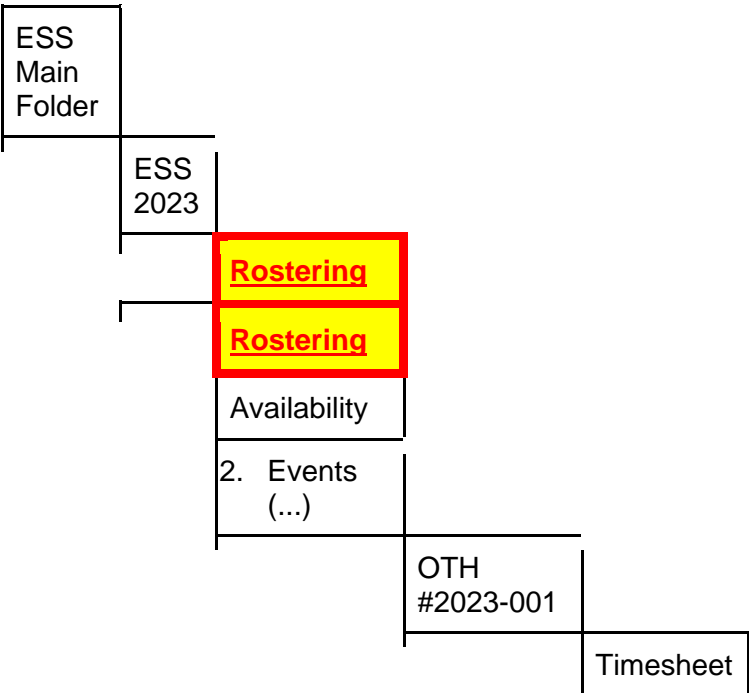
1. Events  
(...)



Name of Folder Must be <b>UNIQUE WITHIN RECURRING FOLDERS</b>	<p><u>Original Template</u></p> <ol style="list-style-type: none"> <li>1. ESS Main Folder ⇒ Master Folder             <ol style="list-style-type: none"> <li>a. ESS Year ⇒ Recurring Folder                 <ol style="list-style-type: none"> <li>i. Rostering ⇒ Contain Roster Sheet</li> <li>ii. Availability ⇒ Contain Availability Sheet</li> <li>iii. 1. Events (...)                     <ol style="list-style-type: none"> <li>1. Event ID ⇒ Auto Created                         <ol style="list-style-type: none"> <li>a. Timesheet ⇒ Auto Created</li> </ol> </li> </ol> </li> </ol> </li> <li>b. Master Folder ⇒ Non-recurring Folder</li> </ol> </li> </ol>

i. Individuals ⇒ Non-recurring Folder

Wrong Format : ❌



Spreadsheet

## Constraints

### All Spreadsheets

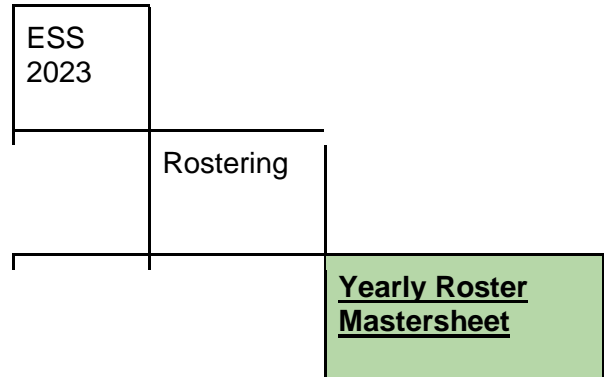
#### Details

Spreadsheet Naming Convention

**CANNOT BE EDITED**

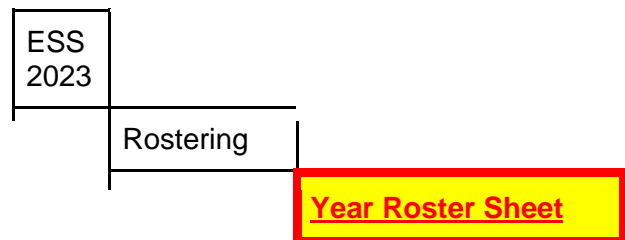
#### Example

Original Template



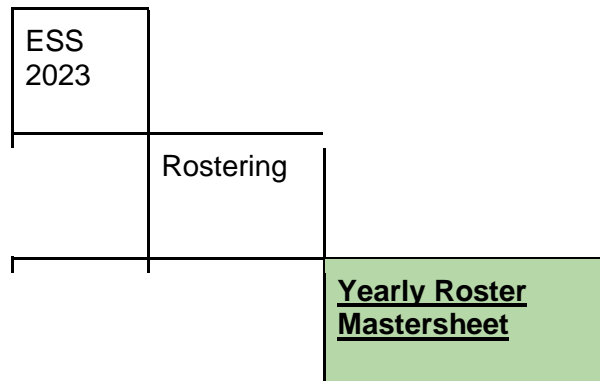
1. ESS Main Folder ⇒ Master Folder
  - a. ESS Year ⇒ Recurring Folder
    - i. Rostering ⇒ Contain Roster Sheet
      1. Yearly Roster Mastersheet

Wrong Format : ❌



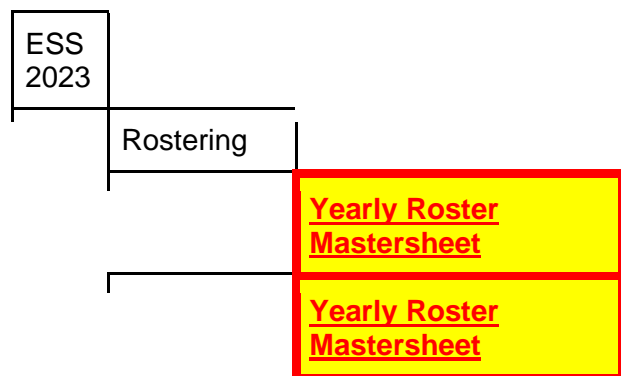
Spreadsheet File Name **MUST BE UNIQUE IN RECURRING FOLDER**

Original Template



2. ESS Main Folder ⇒ Master Folder
  - a. ESS Year ⇒ Recurring Folder
    - ii. Rostering ⇒ Contain Roster Sheet
      1. Yearly Roster Mastersheet

Wrong Format : ❌



### Individual Spreadsheet

#### Details

File Naming Convention Should Follow:

1. **ESSID\_Name**  
(SPLIT BY UNDERSCORE)
2. **ESSID Must be only numeric**

#### Example

Correct Format : ✔️  
**20230103\_David**

Wrong Format : ❌

Row of Header **CANNOT BE CHANGED**

Correct Format : ✓

Header	Header
Data	Data

**Header** – Header Row must stay at the top

Wrong Format : ✗

Header	Header
Header	Header
Data	Data

Availability **MUST CHOOSE**  
from the Dropdown List

Correct Format : ✓

**Available**

User cannot manual type into dropdown

### Yearly Availability Spreadsheet

#### Details

#### Example

Headers **CANNOT CHANGE NAMING CONVENTION**

Original Format:

ESS ID	Name
Data	Data

Correct Format : ✓

<u>ESS ID</u>	<u>Name</u>
Data	Data

Header - **Cannot Change Name**

Wrong Format : ✗

ID	Member Name
Data	Data

Name of the Date **CANNOT BE CHANGED**

Original Format:

ESS ID	Name	1 Jun	2 Jun	3 Jun
--------	------	-------	-------	-------

Correct Format : ✓

ESS ID	Name	<u>1 Jun</u>	<u>2 Jun</u>	<u>3 Jun</u>
--------	------	--------------	--------------	--------------

Wrong Format : ✗

ESS ID	Name	1 June	2 June	3 June
--------	------	--------	--------	--------

Name of the Sheet **CANNOT BE CHANGED**

Original Format:

Jun	Jul
-----	-----

Correct Format : ✓

<u>Jun</u>	<u>Jul</u>
------------	------------

Wrong Format : ✗

Jun 23	Jul 23
-----------	-----------

Insertion of Data is **Based ON ESS ID (First Column)**

- Any Data written on Empty ESS ID Row will be **overwritten**

Correct Format : ✓

ESS ID	Name	1 Jun	2 Jun	3 Jun
2023001				

Wrong Format : ✗

ESS ID	Name	1 Jun	2 Jun	3 Jun
	David			

Yearly Roster Mastersheet Spreadsheet

Details

Example

Headers **CANNOT CHANGE NAMING CONVENTION**

Original Format:

ESS ID	Name
Data	Data

Correct Format : 

<u>ESS ID</u>	<u>Name</u>
Data	Data

Header - **Cannot Change Name**

Wrong Format : 

ID	Member Name
Data	Data

Name of the Date **CANNOT BE CHANGED**

Original Format:

ESS ID	Name	1 Jun	2 Jun	3 Jun
--------	------	-------	-------	-------

Correct Format : 

ESS ID	Name	<u>1 Jun</u>	<u>2 Jun</u>	<u>3 Jun</u>
--------	------	--------------	--------------	--------------

Wrong Format : 

ESS ID	Name	1 June	2 June	3 June
--------	------	--------	--------	--------

Name of the Sheet **CANNOT BE CHANGED**

Original Format:

Jun	Jul
-----	-----

Correct Format : 

<u>Jun</u>	<u>Jul</u>
------------	------------

Wrong Format : 

Jun 23	Jul 23
-----------	-----------



Insertion of Data is **Based ON ESS ID (First Column)**

- Any Data written on Empty ESS ID Row will be **overwritten**

Correct Format : ✓

ESS ID	Name	1 Jun	2 Jun	3 Jun
2023001				

Wrong Format : ✗

ESS ID	Name	1 Jun	2 Jun	3 Jun
	David			

## Timesheet Spreadsheet

### Details

Headers **CANNOT CHANGE NAMING CONVENTION**

### Example

Original Format:

ESS ID	Name
Data	Data

Correct Format : ✓

<u>ESS ID</u>	<u>Name</u>
Data	Data

Header - **Cannot Change Name**

Wrong Format : ✗

ID	Member Name
Data	Data



**ALL HEADER NAME MUST BE UNIQUE**

Correct Format : ✓

No.	ESS Serial No.	Name	Role
1	20231012	David	IC

Wrong Format : ✗

No.	ESS Serial	Name	Role
-----	------------	------	------

	<table><tr><td></td><td>No.</td><td></td><td></td></tr><tr><td>1</td><td>20231012</td><td>Name</td><td>IC</td></tr></table> <p><b><u>Data cannot have the same name as Header</u></b></p>		No.			1	20231012	Name	IC												
	No.																				
1	20231012	Name	IC																		
<p>Insertion of Data is <b><u>Based ON No. (First Column)</u></b></p> <ul style="list-style-type: none"><li>- <b>Any Data</b> written on <b>Empty No.</b> Row will be <b>overwritten</b></li></ul>	<p>Correct Format : </p> <table><tr><th>No.</th><th>ESS Serial No.</th><th>Name</th><th>Role</th><th>Date</th></tr><tr><td>1</td><td></td><td></td><td></td><td></td></tr></table> <p>Wrong Format : </p> <table><tr><th>No.</th><th>ESS Serial No.</th><th>Name</th><th>Role</th><th>Date</th></tr><tr><td></td><td>David</td><td></td><td></td><td></td></tr></table>	No.	ESS Serial No.	Name	Role	Date	1					No.	ESS Serial No.	Name	Role	Date		David			
No.	ESS Serial No.	Name	Role	Date																	
1																					
No.	ESS Serial No.	Name	Role	Date																	
	David																				



## Menu

Constraints	Details
Adding Entries into Spreadsheet	<b><u>NO ENTRIES</u></b> of Spreadsheet <b><u>DURING <u>RUNNING OF SCRIPTS</u></u></b>
Running of Multiple Menu	<b><u>NO RUNNING OF MULTIPLE SCRIPT AT THE SAME TIME</u></b>
Switching into Multiple Spreadsheet	<b><u>No Switching between Spreadsheet</u></b>
Event Crew (Master Sheet)	
Insert Individual Template	Can <b><u>only be Run Twice Per Day</u></b>
Update Individual Template	
Yearly Availability	
Update Data	Can only be <b><u>Run Twice Per Day</u></b>
Clear Cache	NIL
Yearly Roster	
Update Data	NIL
Generate Timesheet Data	Can only be <b><u>Run Twice Per Day</u></b> - <b><u>Limited to Spreadsheet Creation</u></b>

# Automation Process

## 1. Automatic Creation of Folder on every 10 December

ESS 2023		me	15 Jun 2023	me	—	👤 ⬇️ ✎️ ☆ ⋮
a. ESS Year						
i. Availability	Availability	me	01:49	me	—	⋮
ii. Rostering	Rostering	me	01:49	me	—	⋮
iii. 1. Events	1. Events (OTH) - Quotations x Timesheet x Invoice x Payout	me	15 Jun 2023	me	—	👤 ⬇️ ✎️ ☆ ⋮
1. Cancelled Project						
2. Completed Project						

## 2. Automatic Creation of Spreadsheet on every 10 December

### a. Yearly Availability

Yearly Availability	me	12:28	me	1 KB	⋮
---------------------	----	-------	----	------	---

### b. Yearly Roster Mastersheet

Yearly Roster Mastersheet	me	12:31	me	3 KB	⋮
---------------------------	----	-------	----	------	---

## 3. Generate Individual Availability from Event Crew

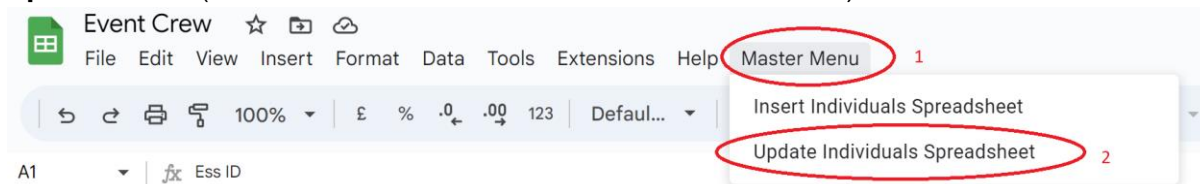
### a. Generates Based on **ESS ID & Name**

- b. Generate Individual **Monthly Availability**
- 4. Refresh Yearly Availability Based on Individual Folder
  - a. Pulls Data from Individual Folder
  - b. Updates Specific Sheet which is selected
- 5. Refresh Yearly Roster Mastersheet Based on Yearly Availability
  - a. Pull Data from Yearly Availability
  - b. Updates Specific Sheet which is selected
- 6. Generate Timesheet From Yearly Roster Mastersheet
  - a. Generates Timesheet from the Specific Sheet selected

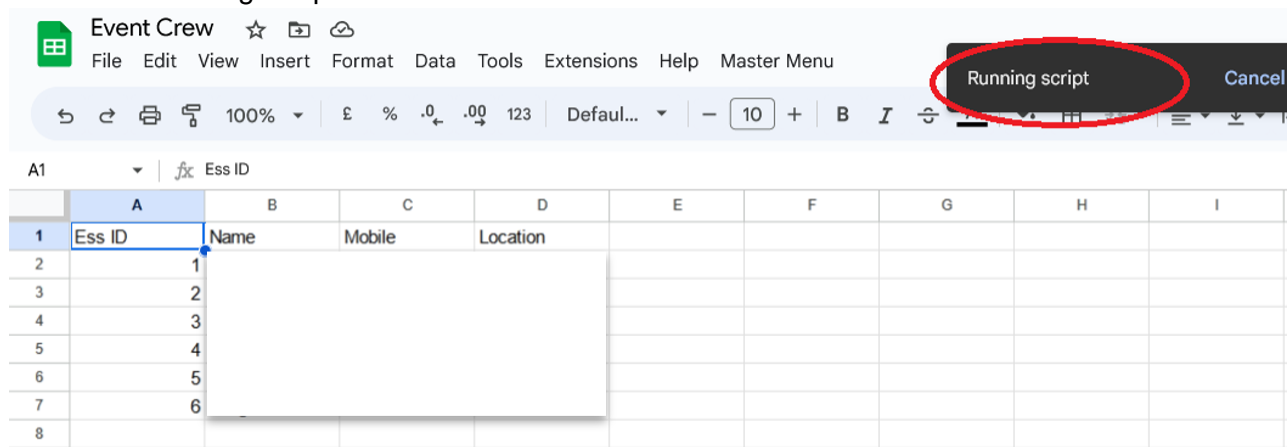
# User Guide

**Notes:** Steps must be done sequentially as creation of data and template are not **LINKED AUTOMATICALLY**

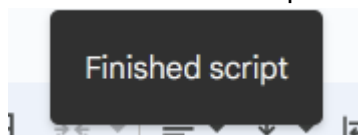
Step 1: Go To Event Crew Spreadsheet & Click **Master Menu**→**Update Individual Spreadsheet** (ESS Main Folder ⇒ Master Folder ⇒ Event Crew)



- a. This will generate
  - i. Next Month's Template
- b. Ensure that Running Script is seen



- i. Wait for Finished Script to appear



Step 2: Ask Member to fill up their Availability

	A	B	C
1	Date	Availability	
2	1 June 2023	Not Available	
3	2 June 2023	Not Available	
4	3 June 2023	Not Available	
5	4 June 2023	Not Available	
6	5 June 2023	Not Available	
7	6 June 2023	till 3pm	
8	7 June 2023	Available	
9	8 June 2023	after 3pm	
10	9 June 2023	Not Available	
11	10 June 2023	till 3pm	
12	11 June 2023	after 3pm	
13	12 June 2023	Available	
14	13 June 2023	Not Available	
15	14 June 2023	Available	
16	15 June 2023	till 3pm	
17	16 June 2023	Available	
18	17 June 2023	Available	
19	18 June 2023	Not Available	
20	19 June 2023	Not Available	
21	20 June 2023	Available	
22	21 June 2023	till 3pm	
23	22 June 2023	till 3pm	
24	23 June 2023	after 3pm	
25	24 June 2023	after 3pm	
26	25 June 2023	Not Available	
27	26 June 2023	Available	
28	27 June 2023	Available	
29	28 June 2023	Not Available	
30	29 June 2023	after 3pm	
31	30 June 2023	Available	

Step 3: Go to **Yearly Availability** & Click **Avail Menu**

(ESS Main Folder ⇒ ESS [Current Year] ⇒ Availability)



Yearly Availability

File Edit View Insert Format Data Tools Extensions Help

Avail Menu

Update Data

	A	B	C	D	E	F	G	H	I
1			Date						
2	ESS ID	Name	1 Jun	2 Jun	3 Jun	4 Jun	5 Jun	6 Jun	
3		1	Not Available	Not Available	Not Available	Not Available	Not Available	till 3pm	Availab
4		2	Not Available	after 3pm	till 3pm	after 3pm	Not Available	Not Available	Availab
5		3	Available	Available	till 3pm	till 3pm	Available	Not Available	Not Av
6		4	Available	Available	till 3pm	till 3pm	Available	Not Available	Not Av
7		5	Available	Not Available	Available	Not Available	Available	Available	Not Av

- This will update the current Yearly Availability on the specific Sheet (Based on Month)
- Ensure that Running Script is seen

Event Crew

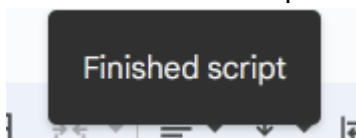
File Edit View Insert Format Data Tools Extensions Help Master Menu

Running script

Cancel

	A	B	C	D	E	F	G	H	I
1	Ess ID	Name	Mobile	Location					
2		1							
3		2							
4		3							
5		4							
6		5							
7		6							
8									

- Wait for Finished Script to appear

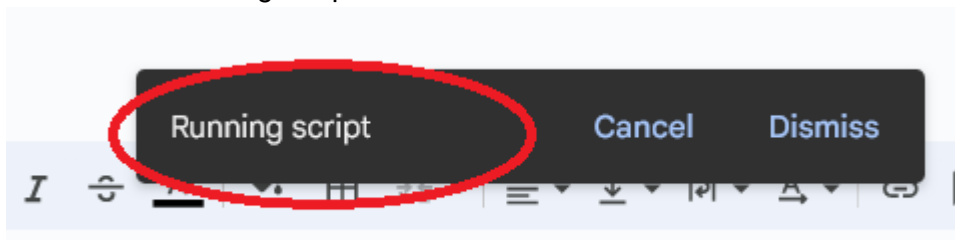


Step 4: Go to **Yearly Roster Mastersheet** & Click **Roster Menu** → **Update Data**

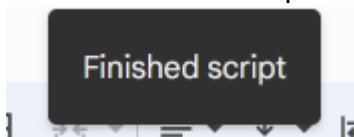
(ESS Main Folder ⇒ ESS [Current Year] ⇒ Rostering)

The screenshot shows the Google Sheets interface for the 'Yearly Roster Mastersheet'. The menu bar at the top includes 'File', 'Edit', 'View', 'Insert', 'Format', 'Data', 'Tools', 'Extensions', and 'Help'. The 'Roster Menu' is highlighted with a red circle and labeled '1'. The 'Update Data' option is highlighted with a red circle and labeled '2'. Below the menu bar, the spreadsheet is titled 'ESS Roster Sheet'. The first row (row 1) is labeled 'ESS Roster Sheet' in column A and '1 Jun' in column G. The second row (row 2) is labeled 'ESS ID' in column A, 'Name' in column B, 'Mobile' in column C, and 'Availability' in column E. The third row (row 3) is labeled '1' in column A, '2' in column B, '3' in column C, and 'Not Available' in column E. The fourth row (row 4) is labeled '2' in column A, '4' in column B, '4' in column C, and 'Not Available' in column E. The fifth row (row 5) is labeled '3' in column A, '5' in column B, '5' in column C, and 'Available' in column E. The sixth row (row 6) is labeled '4' in column A, '6' in column B, '6' in column C, and 'Available' in column E. The seventh row (row 7) is labeled '5' in column A, '7' in column B, '7' in column C, and 'Available' in column E. The eighth row (row 8) is labeled '6' in column A, '8' in column B, '8' in column C, and 'Available' in column E. The ninth row (row 9) is labeled '7' in column A, '9' in column B, '9' in column C, and 'Available' in column E. The tenth row (row 10) is labeled '8' in column A, '10' in column B, '10' in column C, and 'Available' in column E. The eleventh row (row 11) is labeled '9' in column A, '11' in column B, '11' in column C, and 'Available' in column E. The twelfth row (row 12) is labeled '10' in column A, '12' in column B, '12' in column C, and 'Available' in column E. The thirteenth row (row 13) is labeled '11' in column A, '13' in column B, '13' in column C, and 'Available' in column E. The fourteenth row (row 14) is labeled '12' in column A, '14' in column B, '14' in column C, and 'Available' in column E. The fifteenth row (row 15) is labeled '13' in column A, '15' in column B, '15' in column C, and 'Available' in column E.

- This will update the current Yearly Availability on the specific Sheet (Based on Month)
- Ensure that Running Script is seen



- Wait for Finished Script to appear



Step 5: Fill In All the Details for Particular Member

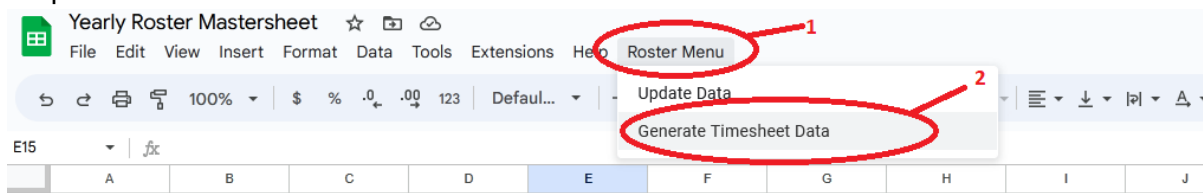
Ensure that:

- The user is Available**

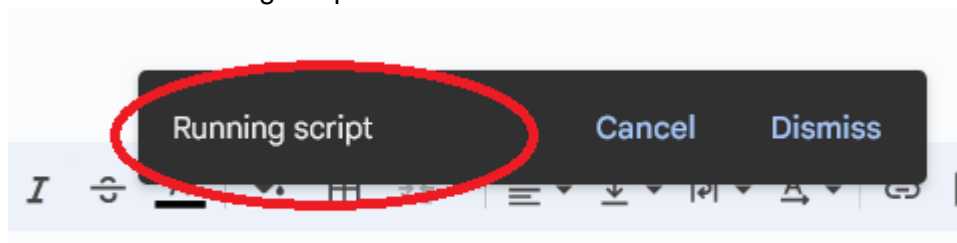
## 2. Rostered Role & Event ID is Correct

ESS Roster Sheet				1 Jun		
ESS ID	Name	Mobile	Indicate the area that you are living in.	Availability	Partially Available (e.g. Free Till 3pm OR Free AFTER 3pm.)	Rostered For (Event Name)
1				Not Available		
2				Not Available		
3				Available		Usher
4				Available		IC
5				Available		IC

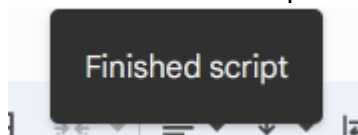
### Step 6: Click **Roster Menu** → **Generate Timesheet**



- Timesheet will generate **Based** on Event ID
- This will generate
  - Timesheet
- Ensure that Running Script is seen



- Wait for Finished Script to appear



- Folders will be auto generated

Name	Owner	Last modified	File size
OTH #2023-999 Completed Projects 2023	me	28 Jun 2023	—
OTH #2023-998 Cancelled Projects 2023	me	28 Jun 2023	—
OTH #2023-004	me	00:10	—
OTH #2023-002	me	00:09	—

- Timesheet will be auto generated with inserted Data

Input Event Code (Refer to Master Account Sheet)													
Valuation Data (Refer to Bank Statement)													
Done By (Input your Name)													
No.	ESS Serial No.	Name	Role	Date	Start Time	End Time	Duration	Rate	Amount	Transport Claims	Meals Claims	ART Claims	Amount
1	3	Aaron	Usher	1 Jun			0	—	\$0.00				\$0.00
							0	—	\$0.00				\$0.00
							0	—	\$0.00				\$0.00

