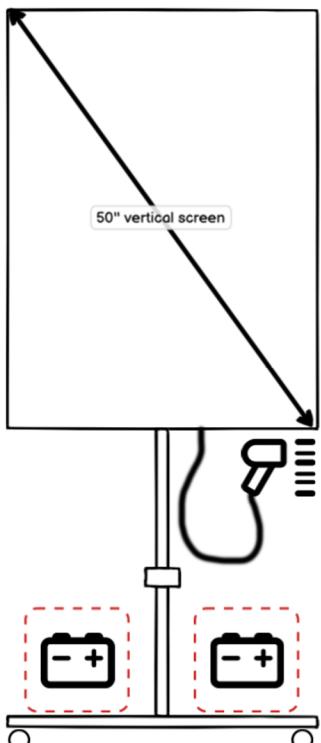
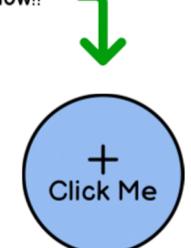


Layout

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

Contribute to our events!! Join us now!!

For more information, please scan the QR code below use your device.
Or visit our website <https://www.parkrun.co.nz>



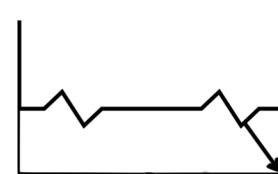
Focus

Name: Fei Wang

ID: 1153888

Title: Parkrun Sheet 5

Date: 07/01/2023



5. The height is changeable from 50CM to 120CM

1. The right-down arrow should be flashing alternatively in two different colors to attract attention
2. A scanner gun is attached
3. The screen is touchable. There are no extra devices like mouse or keyboards.
It can access internet through 4G
4. The movable base carries batteries

Operation

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

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The first column in color blue show the roles of current week which is not editable

click the button indicate user to scan their barcode

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

Please scan your bar code using the scanner gun



Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

Shows the user name and display two buttons

Please confirm your name
John MESSI
Back Next

Go back here when exit

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets	John		
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

Welcome board John!

You have successfully taken the role: **Result Processor** on **14 Jan 2023**

Scan the QR code to add event to your calendar

Exit

Shows the result of adding a selected role
e.g. John takes the Result Processor role on 14 Jan 2023

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

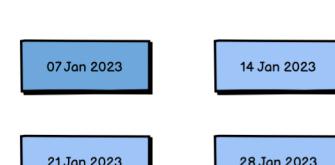
Please choose a role



The role button will be disabled if it has been taken on the specific date

Role	CurrentWeek	14/Jan	21/Jan	28/J
Run Director	Pitt	Geoff GILFED		
First-Timers Welcom	Media			
Event Day Course C	Mark RIDGE			
Timekeeper	Roland PINCH	Blaine MORCH		
Finish Tokens	Colette BENJA		Dawn CLEARY	
Barcode Scanning	Shannon ROSS		Nina HANNUKS	
Result Processor	Assets			
Tail Walker	Craig BENJA			
Parkwalker	Neal CLEARY		Nancy DIMMOC	
Report Writer	Wilgram	Nathan HEAVE		
Photographer	Master			

Please choose the date



Scan the QR code to add calendar event

Details

1. Front end: Bootstrap V5.0 + Jinja.
2. Back end: Python V3.10. Database: MySQL V5.7
3. Barcode library to get the scanned data.
4. Python Flask as the webapp framework.
5. AJAX to communicate with server
6. Calendar event should use a relative library
7. Backend should supply APIs:
 - (1). data displayed in table
 - (2). user profile using barcode number
 - (3). vacant data and role which could be chosen
 - (4). get calendar event QR code
 - (5). put select date and role to database

6. Estimated time of each part
 - (1). The database design and init takes 2 man days
 - (2). Backend will take 5 man days
 - (3). Front page will take 2 man days
 - (4). Another 2 man days for integration and test
 - (5). Another 2 man days to fix bugs
7. Hardware devices:
 - (1). server AWS/4core-i5-CPU/4G Mem/500G disk
 - (2). 4k screen, at least 50" size, Sony brand
 - (3). Hand held scanner
 - (4). A movable base with batteries