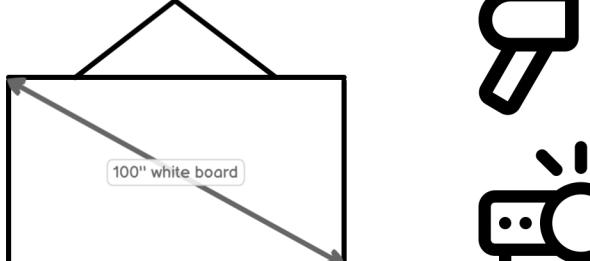


Layout



The hardware device consists of a white board, a scanner gun and a projector.

The white board is ideally 100" size and could be different adjusted by the distance to projector

RoleName	07 Jan 2023	14 Jan 2023	21 Jan 2023	28 Jan 2022	Profile
Run Director		Geoff GILFEDDE			
First-Timers Welcome					Name DoB Code
Event Day Course Chec	Mark RIDGE				Date1 Role1 Date2 Role2 Date3 Role3
Timekeeper	Roland PINCHES	Blaine MORCH			<input type="button" value="Scan"/> <input type="button" value="Next"/>
Finish Tokens	Colette BENJAMI		Dawn CLEARY		
Barcode Scanning	Shannon ROSS		Nina HANNUKSEL		
Result Processor					
Tail Walker	Craig BENJAMIN				
Parkwalker	Neal CLEARY		Nancy DIMMOCK		
Report Writer		Nathan HEAVER			
Photographer					

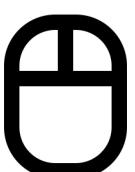
Name: Fei Wang

ID: 1153888

Title: Sheet 3

Date: 03/01/2023

Focus

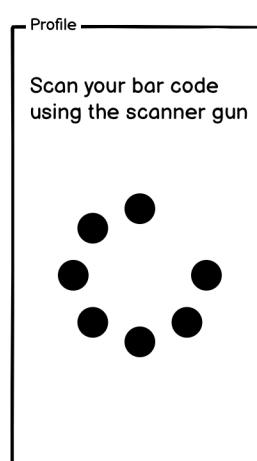


Operation

The left part is not interactive so I just draw the right part of the operations



Click anywhere

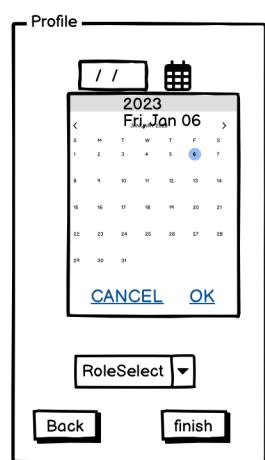


Text on top indicates user how to scan

Spinner shows user that the program is processing

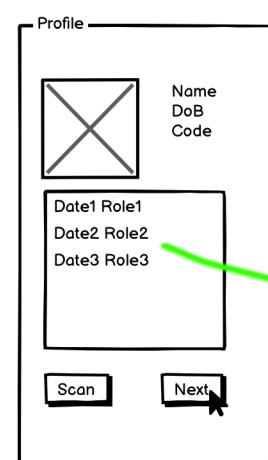
If the program does not detect scanner data, it will exit to default automatically

Scan



Next

Back



If the bar code is correct it will show the user personal profile before go to next step

A list shows the volunteer history of the user

1 Date picker to select a date

NOTE: Only Saturdays could be selected
others are grey and not clickable

2 Role select to choose an available role

NOTE: On a specific day, only vacant role displays on drop down options

No
finish

RoleName	07 Jan 2023	14 Jan 2023	21 Jan 2023	28 Jan 2022	Profile
Run Director		Geoff GILFEDDE			
First-Timers Welcome					Name DoB Code
Event Day Course Chec	Mark RIDGE				Date1 Role1 Date2 Role2 Date3 Role3
Timekeeper	Roland PINCHES	Blaine MORCH			<input type="button" value="Scan"/> <input type="button" value="Next"/>
Finish Tokens	Colette BENJAMI		Dawn CLEARY		
Barcode Scanning	Shannon ROSS		Nina HANNUKSEL		
Result Processor					
Tail Walker	Craig BENJAMIN				
Parkwalker	Neal CLEARY		Nancy DIMMOCK		
Report Writer		Nathan HEAVER			
Photographer					

Information Confirmation

Role: {{ role }}, Date: {{ date }}
{{ volunteer name }}

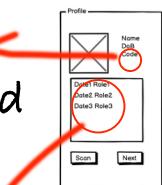
No	Yes
----	-----

Yes

1. Cell with green border flashing for 3s to show which is updated
2. Right part returns to default gallery view to show images

1. The projector could be controlled by a normal mouse

021 1388



2. The barcode scanned shown in numbers

22 Feb 2022 Result Processor

13 May 2022 Timekeeper

18 Jul 2022 Result Processor

3. The list shows recent volunteer history. The users may be familiar with the role which they took before

Discussion

1. The projector and white board are easy to move
2. Default gallery makes it attractive
3. Big screen to see from far away
4. Home page data updates in real-time
5. Show volunteer history when people scanned barcode

1. The process is a little bit complicated
2. Projector may not display bright enough at sunlight
3. Projector may need extra battery
4. No current week volunteers information
5. People need to use a mouse to interact
6. The system has more devices