

Auto Test - DadXmas - UI concepts

Default Screen

The UI mockup shows a 'Default Screen' with the following elements:


- Add Racer:** A button with a plus sign icon.
- Export:** A button with a circular arrow icon.
- Current Racer:** A text label followed by four input fields, each containing a hyphen (-).
- record:** A circular button with a red dot in the center.
- Racers Table:** A table with four columns: Racers, Car, Attempt, and Time(s). It contains two rows of data and one empty row. Each row has a delete 'x' icon to its right.


Racers	Car	Attempt	Time(s)
Barry	Nissan Micra	2	56.6
John	Ford Ka	3	51.2

- **Add Racer:** This opens a dialogue box to add a new racer/lap to the 'current racer field'
- **Export:** Exports the array table to a CSV/ Excel document (opens dialogue box to enter details)
- **Record:** If a current racer is setup, can start the recording of time - primes Raspberry pi light gate to detect break.

Adding a Racer

Screen 2

 Add Racer


 Export

New Racer


Enter Name: Roy

Enter Vehicle: Nissan Micra


Attempt #: 3





Screen 3





Add Racer

 Export


Current Racer: Roy Nissan Micra 3 -


  record

Racers	Car	Attempt	Time(s)	
Barry	Nissan Micra	2	56.6	
John	Ford Ka	3	51.2	


Recording a Lap time

Screen 4

 Add Racer

 Export


Current Racer: Roy Nissan Micra 3 25.9


 cancel

Racers	Car	Attempt	Time(s)
Barry	Nissan Micra	2	56.6
John	Ford Ka	3	51.2


Once the lap is finished, the program automatically sends the current racer data to the table and resets the program, ready for another racer.

Screen 5

 Add Racer

 Export


Current Racer: - - - -


 record

Racers	Car	Attempt	Time(s)
Barry	Nissan Micra	2	56.6
John	Ford Ka	3	51.2
Roy	Nissan Micra	3	49.0

Exporting the data

Screen 6

 Add Racer

 Export

Export

File Name: AutoTest_21/12/17

File Location: ...

Clear Data: ☒

