# INV: How should DateTimeSelect support time increments?

[Square Shifts](#_126qxe6ilbfp)

[Harvest.io](#_qrdhor4g7z2d)

[Toggl](#_asvc88ab6zz4)

[Apple Design](#_75zm93x3au44)

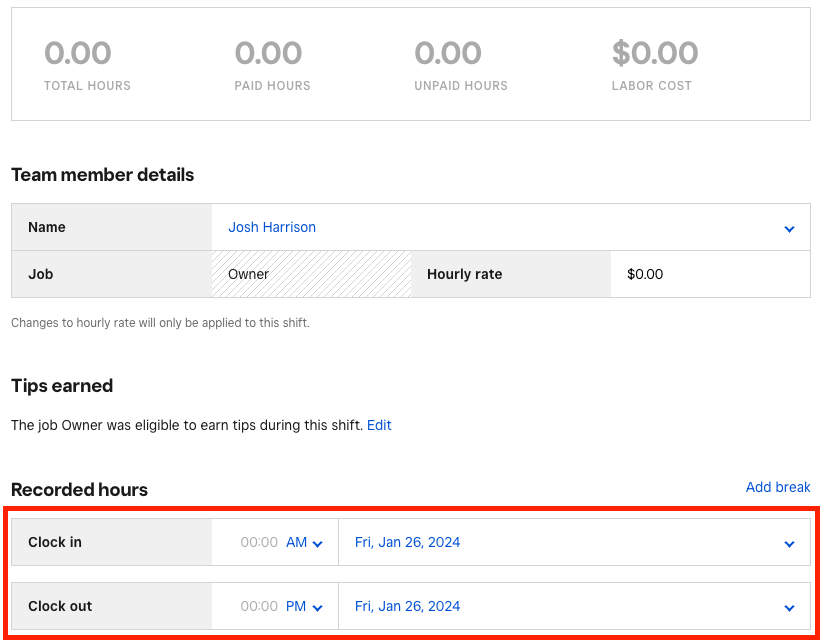
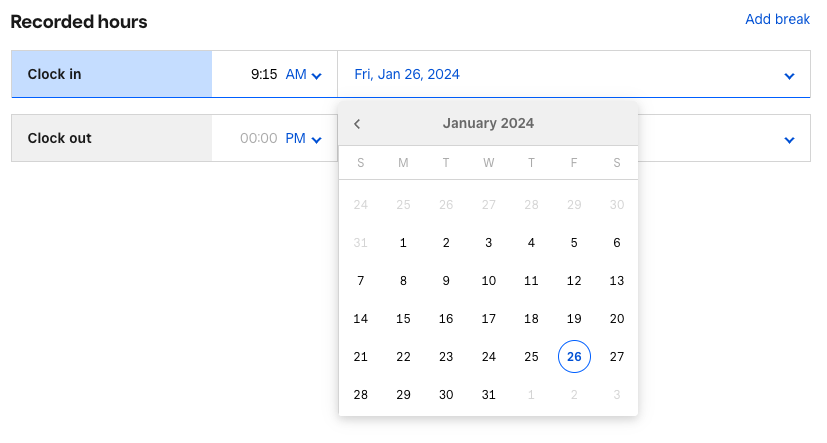
[Google Material Design](#_juqk4rv66f4d)

[Timecapture-DS](#_5bken4ttfkz5)

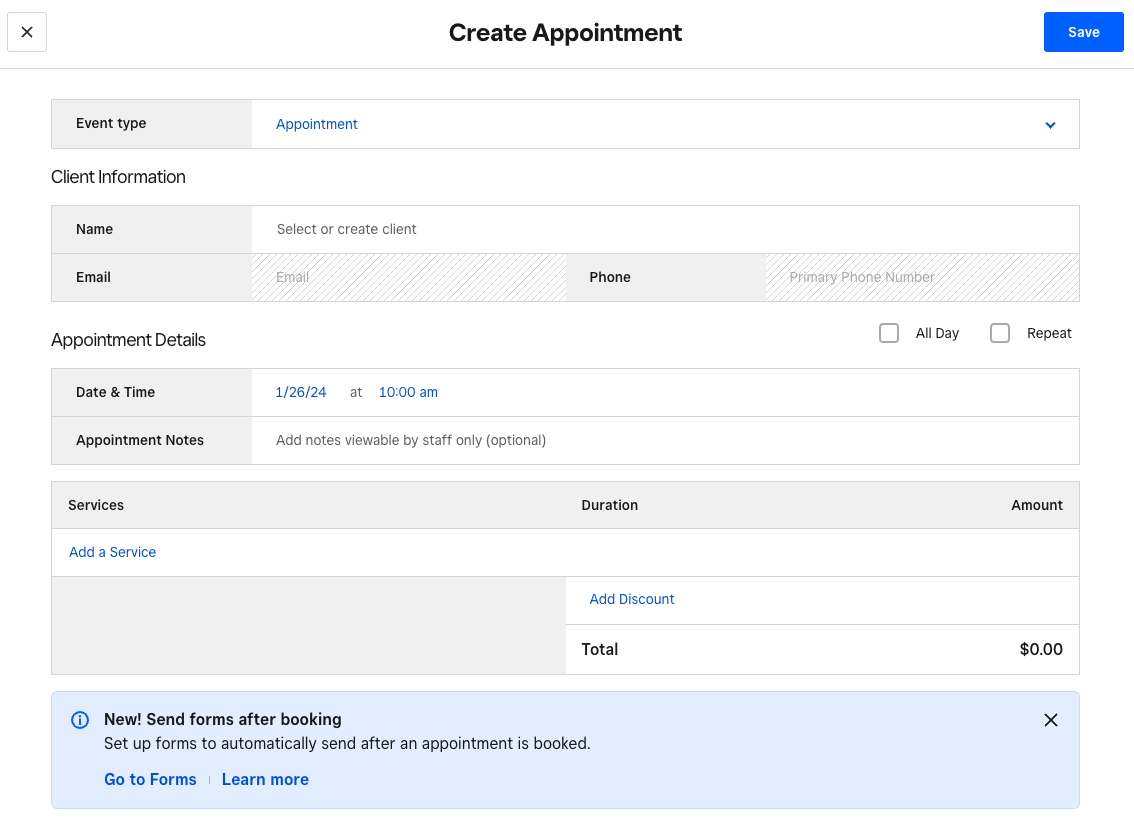
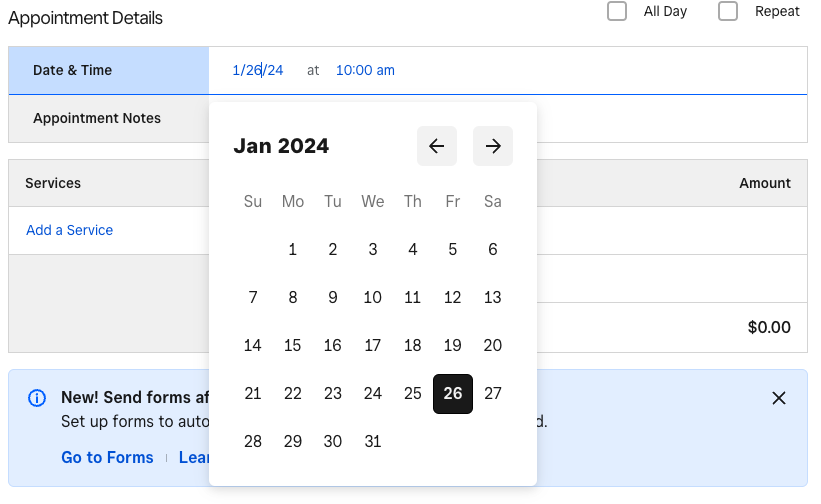
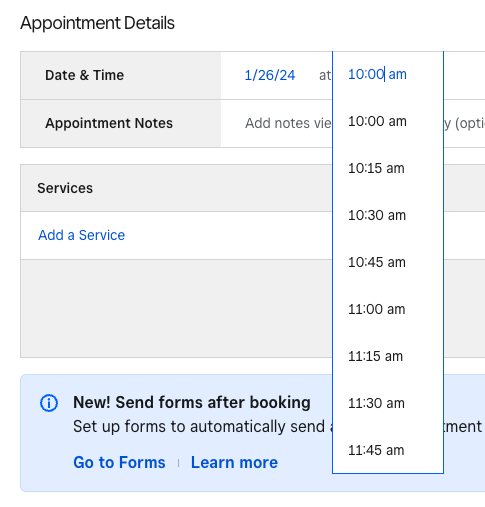
## Square

* <https://squareup.com/us/en/staff/shifts>

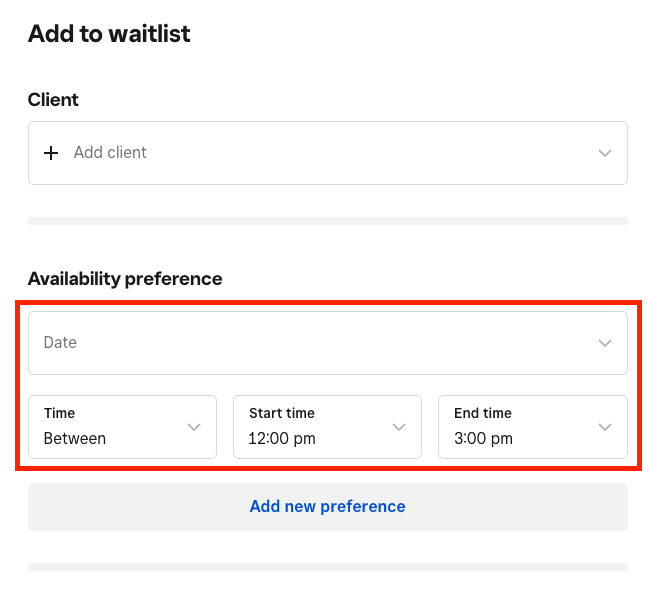
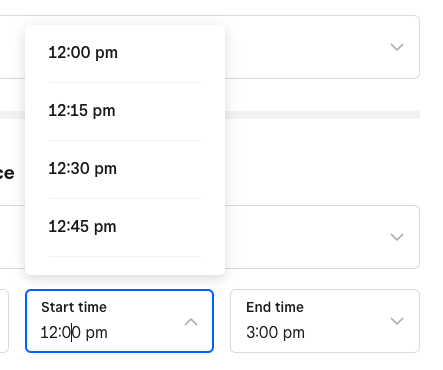
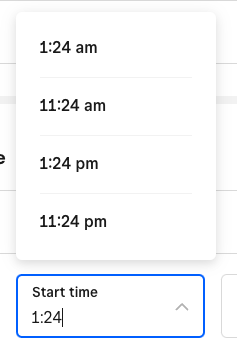
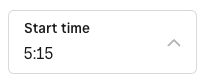
### New shift

* 
* Input field, no popup or list
  + Editable inline
  + Force format as HH:MM (you must type ##:##, it will not auto-format in any way)
    - 15 -> 1:50
* Select dropdown for AM/PM choice
* Date field is a clickable div that brings up a popup date picker
  + 

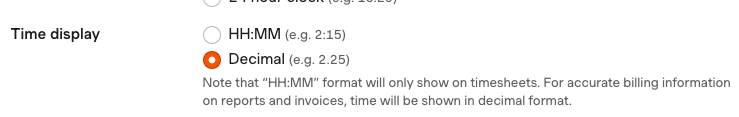
### Create Appointment

* 
  + Date Picker uses different control than Shift
    - 
  + 
    - Input field with popup listbox
      * Select a time from the scrollable list
      * Manually enter a time, format HH:MM
      * Auto-formats to HH:MM
        + 5.15 -> 5:15 AM
        + 13.13 -> 1:13 PM

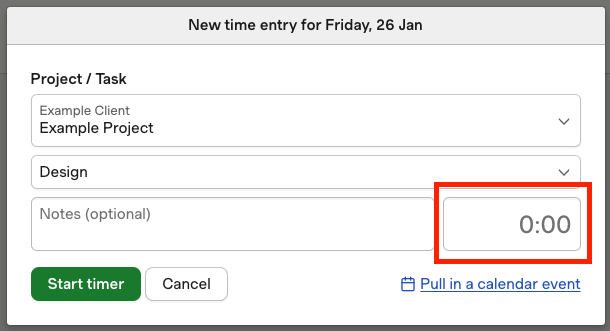
### Add to waitlist

* 
* Input field with popup listbox and auto-complete
  + 
    - Select predetermined time from popup list
    - Manually type and auto-complete formats the list to match
      * 
    - Doesn’t auto-correct if you don’t select a result
      * 

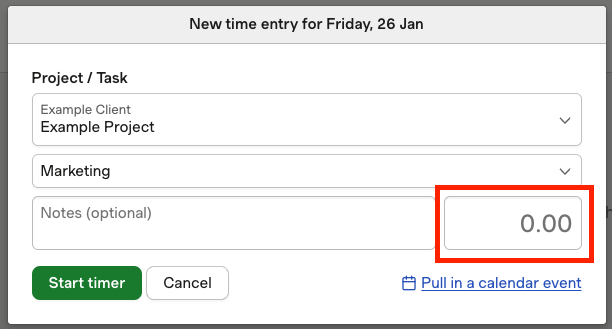
## Harvest.io

* <https://www.getharvest.com/>
  + Settings available to switch between time formats
  + 

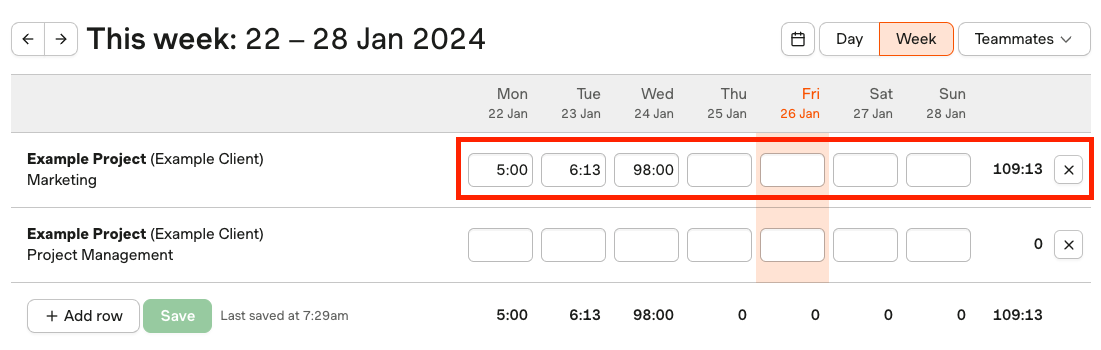
### New Time Entry (format HH:MM)

* 
* Input field, no popup or list
  + Editable inline
  + Auto-formats as duration HH:MM
    - 100 -> 100:00
    - 6.15 -> 6:09
    - 6:15 -> 6:15

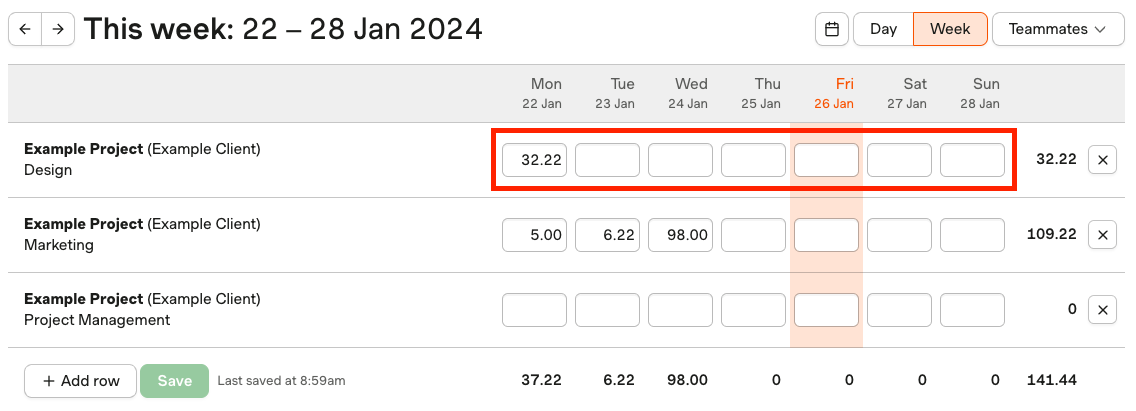
### New time entry (format Decimal HH.MM)

* 
* Input field, no popup or list
  + Editable inline
  + Auto-formats as duration H.MM
    - 100 -> 100.00
    - 6.15 -> 6.15
    - 6:15 -> 6.25

### Weekly time entry (format HH:MM)

* 
* Input fields, no popup or list
  + Editable inline
  + Auto-formats as duration HH:MM
    - 100 -> 100:00
    - 6.15 -> 6:09
    - 6:15 -> 6:15

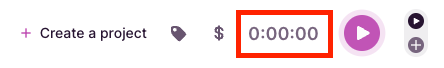
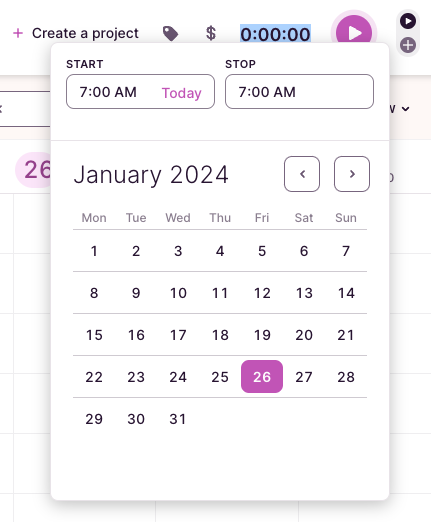
### Weekly time entry (format Decimal HH.MM)

* 
* Input fields, no popup or list
  + Editable inline
  + Auto-formats as duration HH:MM
    - 100 -> 100.00
    - 6.15 -> 6.15
    - 6:15 -> 6.25

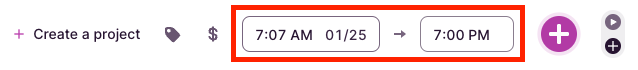
## Toggl

* <https://toggl.com/>

### Manual Mode

* 
* Clickable input field (“Adjust duration” tooltip)
  + Editable inline
    - Auto-formats as a duration HH:MM:SS
      * 6:15 -> 6 hrs 15 minutes
      * 6.15 -> 6 minutes 09 seconds
      * 70.15 -> 1 hr 10 minutes 09 seconds
* Exposes date/time picker
  + 
* 
  + Clickable input field
    - Auto-formats to HH:MM A
      * 6 -> 6:00 AM
      * 6.5 -> 6:05 AM
      * 6:98 -> error
      * 6:00 a -> 6:00 AM
      * 6a -> 6:00 AM
* 
  + Time shown as a duration HH:MM:SS

### Timer Mode

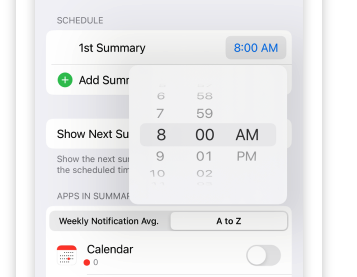
* 
* Clickable input field
  + Auto-formats to HH:MM A
    - 6 -> 6:00 AM
    - 6.5 -> 6:05 AM
    - 6:98 -> error
    - 6:00 a -> 6:00 AM
    - 6a -> 6:00 AM

## Apple Design

* <https://developer.apple.com/design/human-interface-guidelines/pickers>

### Notes

1. No Web- specific time-related components
2. All examples reflected this scrollable selector style

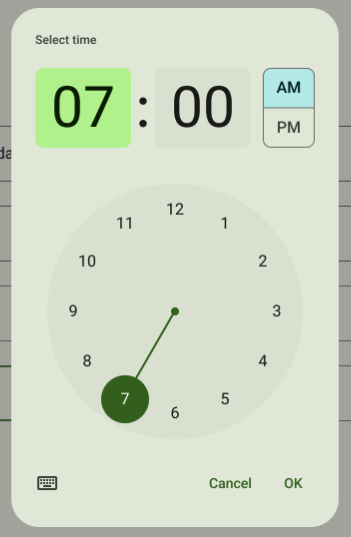


## Google Material Design

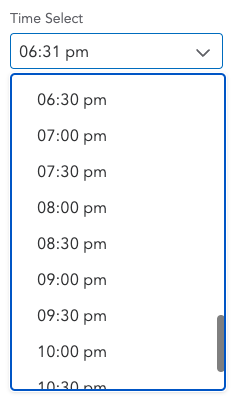
* Web: <https://material-web.dev/>
* Mobile: <https://m3.material.io/components/time-pickers/specs>

### Notes

1. For Web, there isn’t a design for a time-related component
2. Time Input and Time Selector (Mobile)



## Timecapture-DS

* <https://uxfabric.intuitcdn.net/internal/design-systems/timecapture-ds/master/latest/index.html?path=/story/components-time-select--basic-usage-with-knobs>
* 

### Notes

* Uses @ids-ts/text-field for text input, time can be edited
* Creates a custom-built listbox dropdown for selecting predetermined times
* 1st click shows the dropdown, 2nd click lets you manually enter
* Auto-formats manually entered time
  + 5:30 -> 05:30 am
  + 15:30 -> 03:30 pm