

Issue - For the Afternoon field, 12:00 PM is not an acceptable value. Client-side validation fails and the Save button is not enabled.

Other Info - During Testing made the following observations

Mathematically and in general understanding the following should be the validation for the Reminder Defaults

1. Morning should accept 12:00 AM to 11:59 AM
2. Afternoon 12:00 to <some_value_determined_by_https://en.wikipedia.org/wiki/Afternoon>
3. Evening <some_value_determined_by_https://en.wikipedia.org/wiki/Afternoon> to <11:59 PM>/23:59

However, the Client-Side validation doesn't seem to strictly enforce this (could be a design choice to not to do so). However, here are some UX bugs that were found related to this

1. 11:47 AM was accepted for the Morning field, but 11:48 AM wasn't.
2. 12:00 PM wasn't accepted for the Afternoon field but 11:48 AM was.
3. When I tried a binary partition on the an equivalence class for the afternoon field, I found that at some point, the JS validation for all three inputs failed (despite morning and afternoon fields having the default values) and the line for each field turned red and remained so until I clicked Cancel and returned to Settings.
4. For afternoon and Evening, there is no validation at all for boundary (which could be a design choice owing to the ambiguity in <https://en.wikipedia.org/wiki/Afternoon>)
5. To understand more about the feature tried to look up docs - <https://support.google.com/keep/answer/6358550>. No detailed explanation for whatsoever reminder defaults

RIMGEN Heuristic

Replicate it - Reproducible in Chrome and Safari

Isolate it - For Afternoon default remainder the value 12:00 PM fails client-side validation.

Maximise it - I tried a bit of exploratory and can conclude bases on my observations that the overall Client-side validation for the Reminder Defaults needs a complete review.

Generalize - 12:00 PM is the most generalised data.

Externalize - There may be very few users changing these values but when they do it is catastrophic, given this is a product from Google.

Neutral - I have tried to keep a neutral tone.