UnhandledPromiseRejection

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Manual QA Report
rc-2

rc-2 Approved for Promotion to Production

Unlike rc-1, which exhibited significant problems and was given a no-go rating,

rc-2 has received its QA sign-off. Cited deficiencies will be repaired in the next release.

rc-2 will shortly be deployed to the live environment.

/Padraig MacGabann/

Summary

QA focused more on improving accessibility and performance than polishing flaws

- Unlike rc-1, we found a mix of both **problems** and **opportunities** to tackle

  - We provide practical solutions for moving forward

- **Manual QA was conducted on rc-2 across four platforms by two browsers**

  - **Desktop:** Windows 10 / Google Chrome

  - **Mobile (portrait + landscape):** iOS / Safari & Android / Google Chrome

  - **Tablet:** iOS / Safari

  - Google Lighthouse audits were also conducted

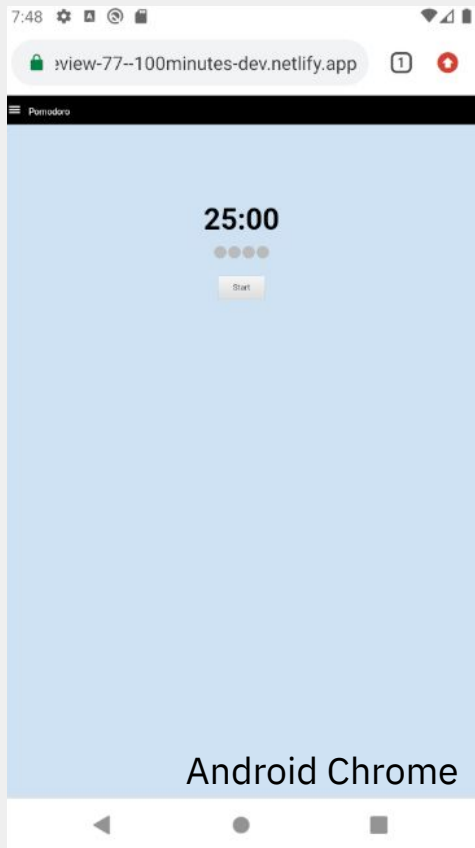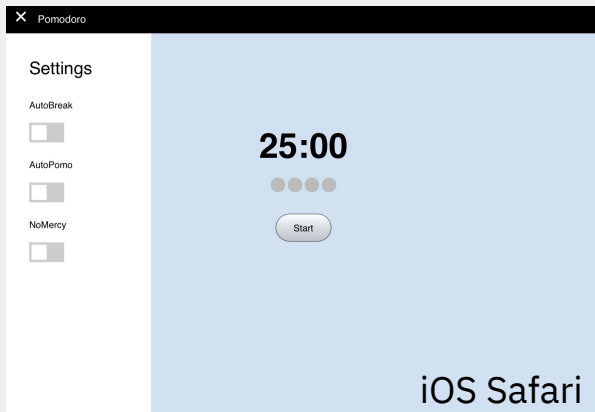- rc-2 findings were more high-level and are thus **All-Platform** issues

All-Platform

Functional Problems

Problem 1:

Button rendering is

inconsistent across

browsers and OS

Proposed Solution:

- explicitly style button in CSS,

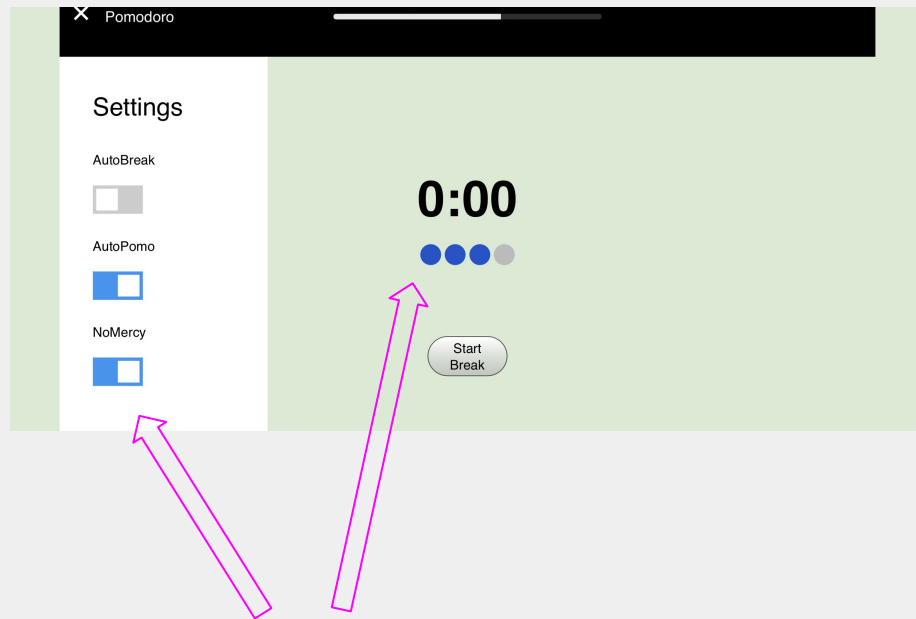 preventing default

- Add distinct onHover and onClick

  styling

iOS Safari

Android Chrome

Problem 2:

Color of on-state for

toggles is not con

compliant with project

brand language

Proposed Solution:

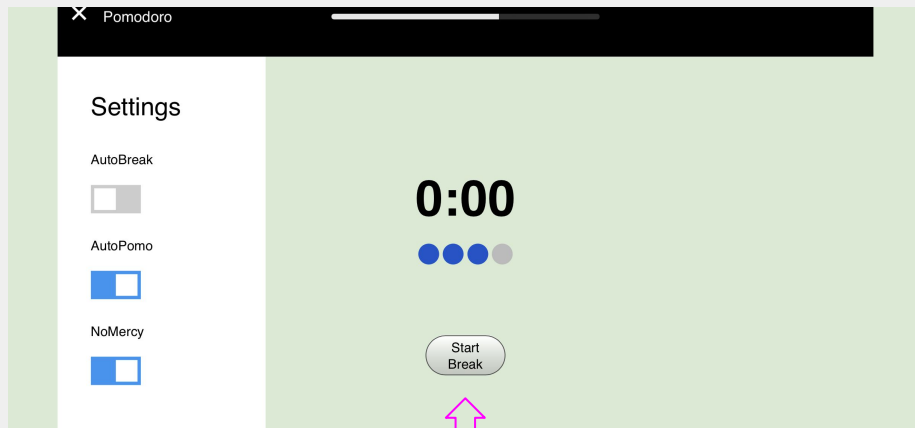- Change toggle activation color to

  Blue 20

For the right "feel," these two
blues should be the same

Problem 3:

Break button text doesn't change with states as was spec'd in the design doc

Proposed Solution:

- Update button text using an _onStageChanged callback

A break has elapsed, so this should say "Start Pomo". (This issue affects all stage changes.)
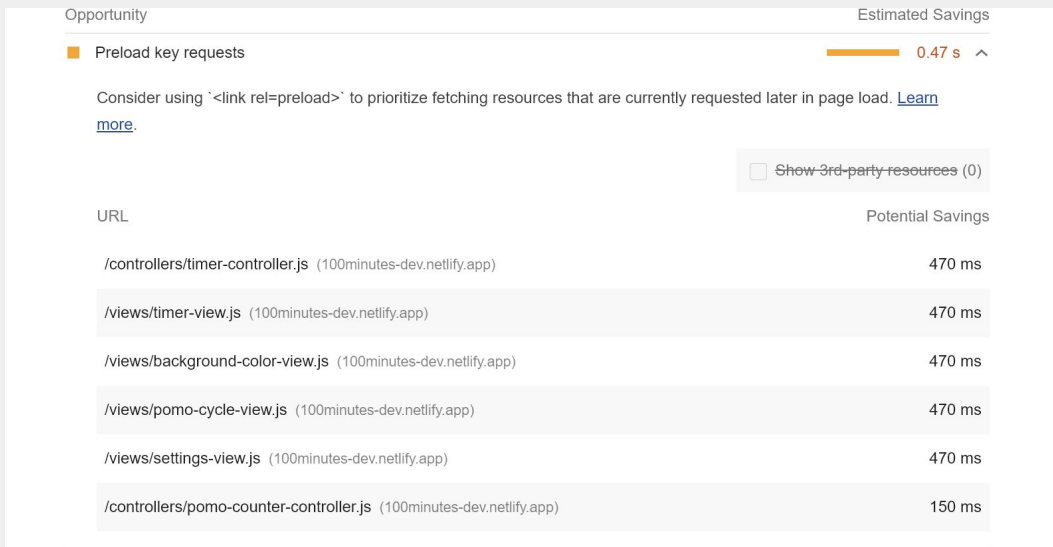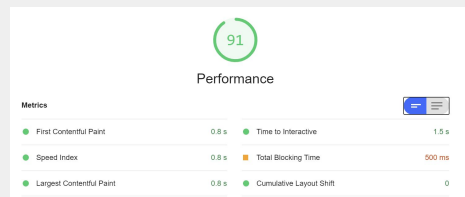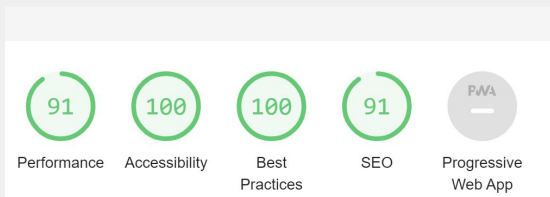
Problem 4:

Total Blocking Time (TBT)

is too slow, delaying Time

To Interactive (TTI)

Proposed Solution:

- Preload critical script files, as suggested by Google Lighthouse audit

Opportunity	Estimated Savings
Preload key requests	0.47 s

Consider using `<link rel=preload>` to prioritize fetching resources that are currently requested later in page load. Learn more.

☐ Show 3rd-party resources (0)

URL	Potential Savings
/controllers/timer-controller.js (100minutes-dev.netlify.app)	470 ms
/views/timer-view.js (100minutes-dev.netlify.app)	470 ms
/views/background-color-view.js (100minutes-dev.netlify.app)	470 ms
/views/pomo-cycle-view.js (100minutes-dev.netlify.app)	470 ms
/views/settings-view.js (100minutes-dev.netlify.app)	470 ms
/controllers/pomo-counter-controller.js (100minutes-dev.netlify.app)	150 ms

Problem 5:

Several W3C errors exist,

causing non-compliance

Proposed Solution:

- Add lang="en"
- Eliminate non-compliant use of lists, replace with <div>
- Change <div> elements to <span> in hamburger

- Problems detected in W3C audit were:
  - Missing lang tag in <html>
  - Noncompliant use of <li> as child of <ul>, presumably to "hack" in margins in settings view
  - Noncompliant use of <div> as child of <label> in the animated hamburger icon

All-Platform

Improvement Opportunities

Opportunity 1:

Key shortcuts are not only

an a11y concern, but can

help users be even more

efficient

Proposed Solution:

- Deliver [SPACE] shortcuts for the

  main button and for each setting

- List the shortcuts discreetly in

  the settings bar

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