



PETIVITY

MIDWAY MILESTONE



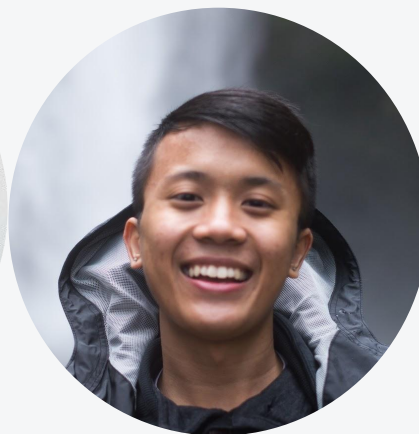
MEET THE TEAM



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PETIVITY

“Productivity’s Best Friend”

Problem: People often have a difficult time completing tasks because of **distractions**, poor **time management**, and/or unhealthy **work-life balance**.

Solution: We aim to increase productivity by effectively eliminating distractions and keeping people on track in a fun and engaging way.

OVERVIEW OF TALK:

HEURISTIC EVALUATION RESULTS

OVERVIEW OF REVISED DESIGN

PROTOTYPE IMPLEMENTATION STATUS

DEMONSTRATION OF PROTOTYPE

SUMMARY



HEURISTIC EVALUATION RESULTS & PROPOSED REVISED CHANGES



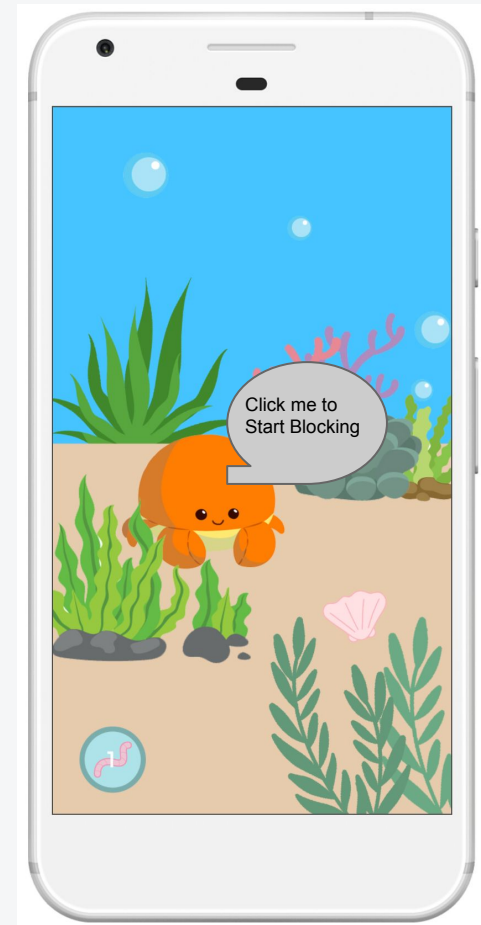
H10 HELP AND DOCUMENTATION: SEVERITY 4

Problem:

No user instructions on mobile home page after sign in

Solution:

Have a **prompt** once the user logs in so user knows where to tap in order to navigate to the block-timer page



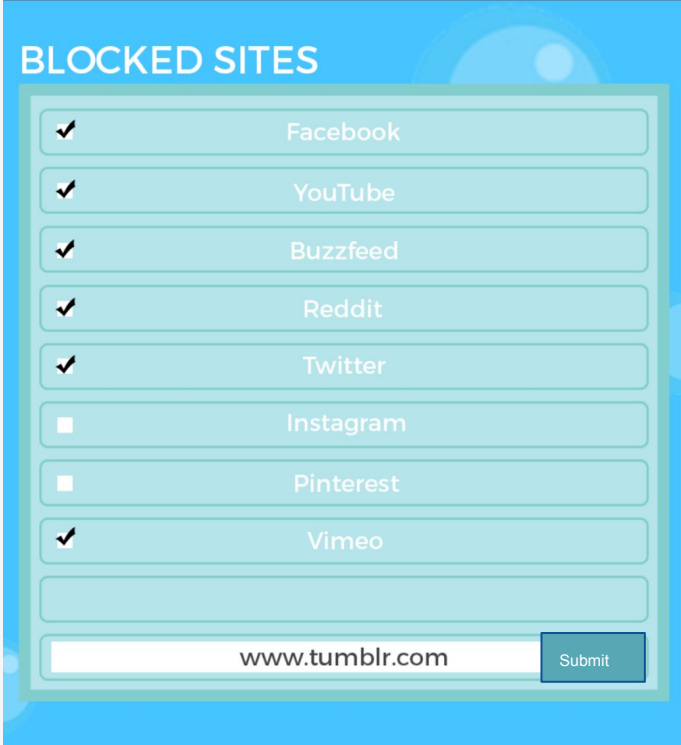
H5 ERROR PREVENTION: SEVERITY 3

Problem:

Website's Blocked Sites section **does not check** if URL is valid/handles error

Solution:

Implement **check for valid input**, if not have an error message to prompt input of a valid URL



The screenshot shows a web form titled "BLOCKED SITES" with a blue header. Below the header is a list of social media sites, each with a checkbox and a "Submit" button. The sites are Facebook, YouTube, BuzzFeed, Reddit, Twitter, Instagram, Pinterest, and Vimeo. The checkboxes for Facebook, YouTube, BuzzFeed, Reddit, Twitter, and Vimeo are checked, while the checkboxes for Instagram and Pinterest are unchecked. Below the list is a text input field containing the URL "www.tumblr.com" and a "Submit" button.

Blocked Site	Checked
Facebook	✓
YouTube	✓
Buzzfeed	✓
Reddit	✓
Twitter	✓
Instagram	☐
Pinterest	☐
Vimeo	✓

www.tumblr.com Submit

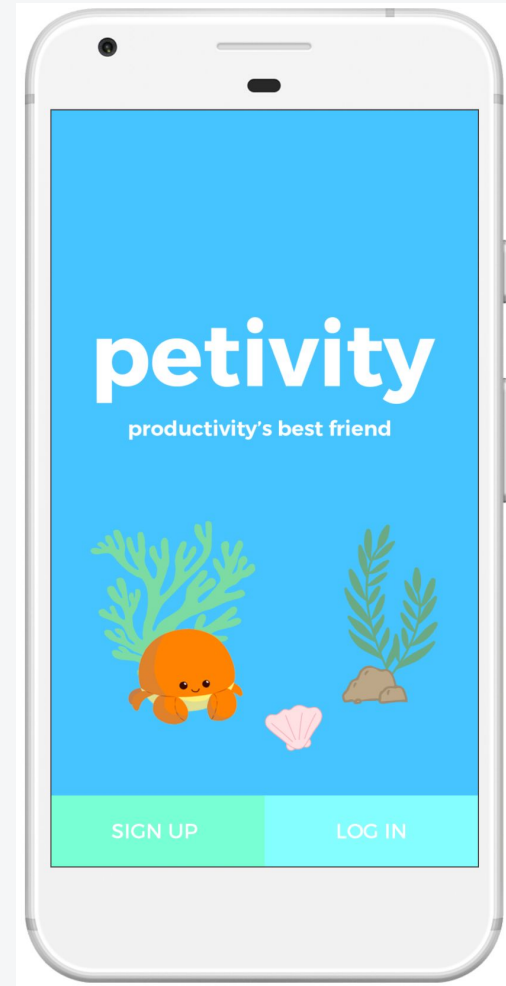
H4 CONSISTENCY AND STANDARDS: SEVERITY 3

Problem:

No sign-in flow on web, while there is one on mobile

Solution:

Implement sign-in on web and on mobile



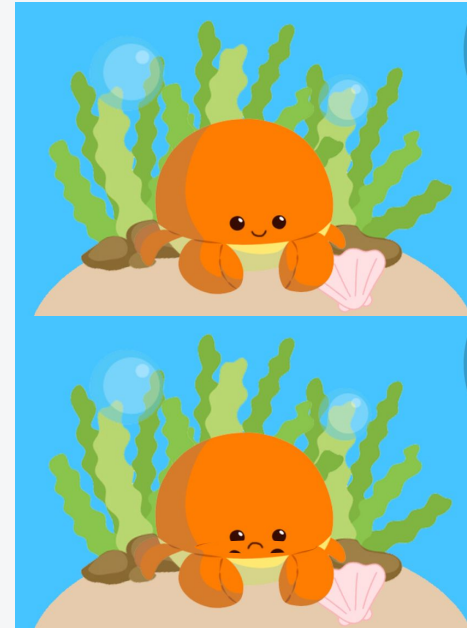
HI VISIBILITY OF SYSTEM STATUS: SEVERITY 3

Problem:

Pet does not have a status state, no indication of progress

Solution:

Have the pet show emotion based on activity, as we did not agree with showing health points



H2 MATCH B/W SYSTEM & WORLD: SEVERITY 3

Problem:

Confusion over what “Start Blocking” button does

Solution:

Change the button to “Start Blocking Now” to signify blocking will start immediately, have a short bubble that explains what it does when the user is new



START BLOCKING



OVERVIEW OF OTHER REVISED DESIGN CHANGES

- ✖ Be more clear & organized
- ✖ Have more documentation and helpful messages
- ✖ Slight changes in colors/overall design

PROTOTYPE IMPLEMENTATION STATUS





PROTOTYPE IMPLEMENTATION TOOLS

Mobile:

- ✖ Expo XDE
- ✖ ReactNative

Web:

- ✖ Google Chrome Extension Developer Tools
- ✖ GitHub
- ✖ AngularJS & JavaScript
- ✖ Bootstrap



PROTOTYPE IMPLEMENTATION TOOLS

How the Tools Helped:

- ✖ Google Chrome Extension Developer Tools allowed us to create the extension and try it out as it would appear
- ✖ GitHub allowed members of our teams to collaborate and safely merge our changes
- ✖ Bootstrap's grid system allowed us to easily create a layout/structure for our web app

How the Tools Didn't Help:

- ✖ The tools **did not teach** our team how to code our necessary functions, nor how to set up everything for our code

IMPLEMENTED FEATURES: TASK FLOW 1

petivity

Calendar

Petivity

Calendars

☐ self-care calendar

☐ scheduled blocking times

User Calendars

☐ my calendar

☐ office hours

☐ work schedule

<

Monday
Nov 20, 2017

Tuesday
Nov 21, 2017

Wednesday
Nov 22, 2017

Thursday
Nov 23, 2017

Friday
Nov 24, 2017

>

12AM

sample events

sample events

sample events

sample events

sample events

1AM

sample events

sample events

sample events

sample events

sample events

2AM

sample events

sample events

sample events

sample events

sample events

3AM

sample events

sample events

sample events

sample events

sample events

4AM

sample events

sample events

sample events

sample events

sample events

5AM

sample events

sample events

sample events

sample events

sample events

6AM

sample events

sample events

sample events

sample events

sample events

7AM

sample events

sample events

sample events

sample events

sample events

8AM

sample events

sample events

sample events

sample events

sample events

Start Blocking Now

settings

To Do

Task	Days remaining
<input type="checkbox"/> Hit the gym	0
<input type="checkbox"/> Pay Bills	2
<input type="checkbox"/> Laundry	3
<input type="checkbox"/> Buy eggs	5
<input checked="" type="checkbox"/> Read Book	6

Add task



To Do

Task	Days remaining
<input checked="" type="checkbox"/> Hit the gym	0
<input type="checkbox"/> Hit the gym	2
<input type="checkbox"/> Days remaining:	3
<input type="checkbox"/> 0	5
<input checked="" type="checkbox"/> Read Book	6

Confirm Cancel

Add task

To Do

Task	Days remaining
<input checked="" type="checkbox"/> Hit the gym	0
<input type="checkbox"/> Days remaining:	3
<input type="checkbox"/> Days remaining:	5
<input type="checkbox"/> Add Cancel	6
<input checked="" type="checkbox"/> Clean desk	8

Add task



UNIMPLEMENTED FEATURES PLAN:

Yet to be Implemented:

- A fully functional calendar (Blocking, self-care, etc.)
- The settings page
- Web blocking feature
- Mobile blocking feature
- Animations
- Web Login Feature

Planned:

- A pre-populated calendar from rows and columns, where you click/drag a place to add an event
- Having options available to select to change blocked websites, etc.



WIZARD OF OZ TECHNIQUES

On Mobile:

- The appearance of mobile and web syncing

On Web:

- Self-care suggestions automatically appear once self-care calendar is chosen → simulating optimization of **self-care suggestions using AI**, based on time available, interests, past selections, etc.
- Syncing with google calendar (unless we figure it out)



HARD-CODED FEATURES AND WHY REQUIRED:

On mobile, we will hard-code:

- The pet selected and environment

On web, will hard-code:

- Previously added events
- Previously added tasks
- A pool of potential self-care activities

Why required? –

Mobile: Supposed to **sync automatically** to the web app where you can choose all these features

Web: Pre-populated information helps invoke the user to interact with the app in a more typical fashion, as opposed to a **long initial setup phase**.



ISSUES/QUESTIONS

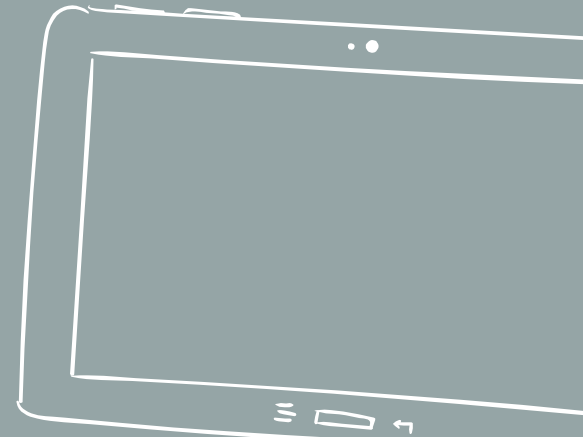
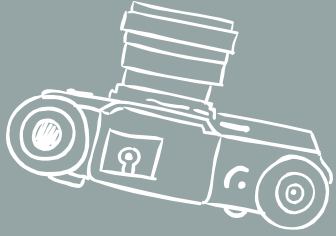
On Mobile:

- Still figuring out timer implementation
- Syncing (have some ideas to try out, would love some more)
- ReactNative tips/templates

On Web:

- We are trying to figure out how to potentially integrate the calendar with Google Calendar
- Animations for pet, background, etc.

DEMONSTRATION OF PROTOTYPE





SUMMARY:

- Decided on most necessary changes for our webpage and app based on 3s and 4s in HE Evaluation
- Made some other changes that we see fit (prioritizing functionality of task flows for main tasks)
- We are on our way to completing our website and mobile app!

THANK YOU!
ANY QUESTIONS?

