

Internship Final Presentation

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NASA HUNCH

1. Connect Page
2. Individual Blog Pages

Research: Learning about HUNCH

Goals/Purpose

- Empower high school students
- Build a larger network of involvement
- Show that you don't have to be technical to get involved

Current Issues

- Standardization
- Not enough information
- Having a common message throughout the site

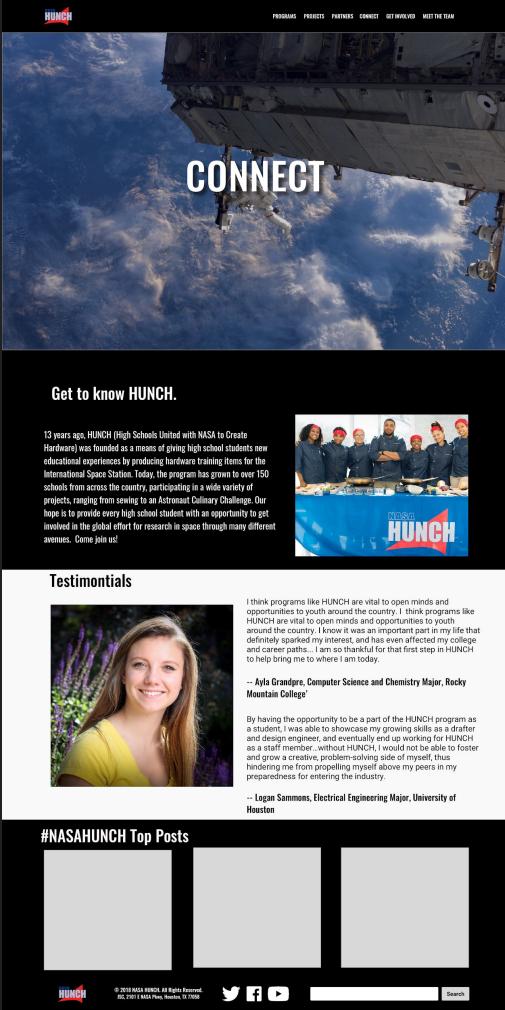
Connect Page

Ideation: Revamping the Social Media Concept

After conducting some initial research on the website, I noticed that there was a lack of information about HUNCH and we needed that on top of our social media to attract more students and teachers to our site.

- This is where the idea of “Connect” started
- Connect = History + Social + Recent Articles

Iteration 1

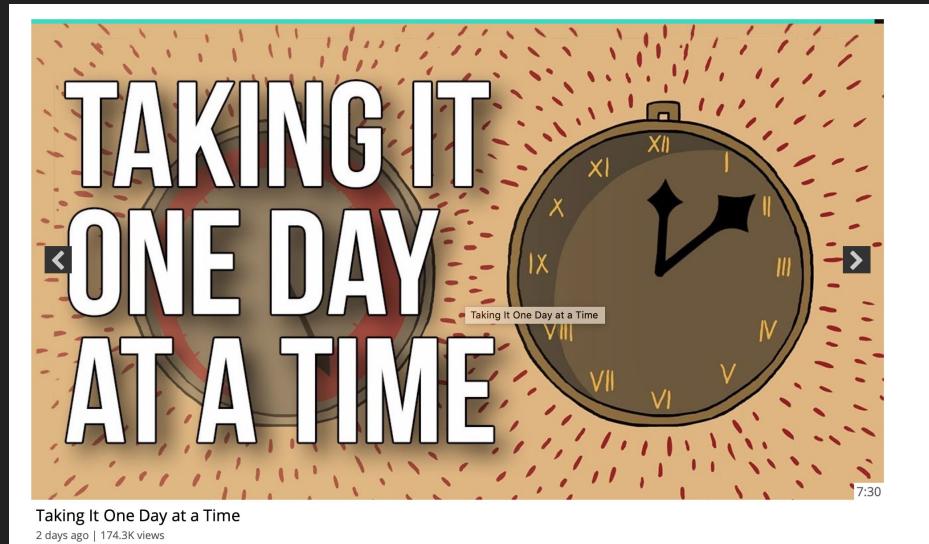
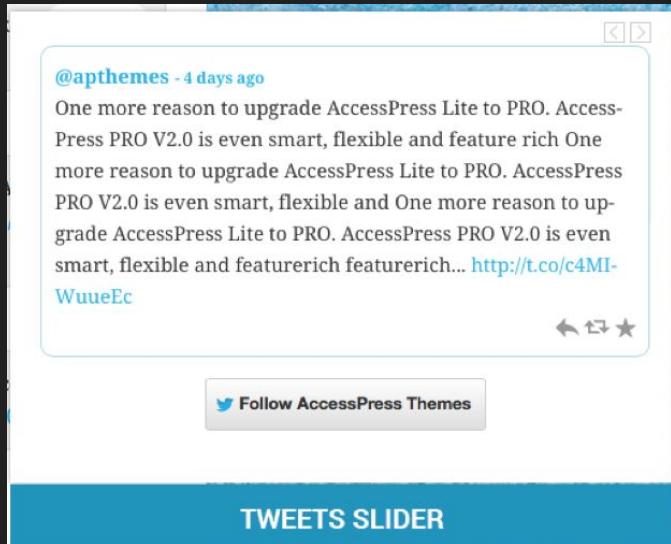


Critiques:

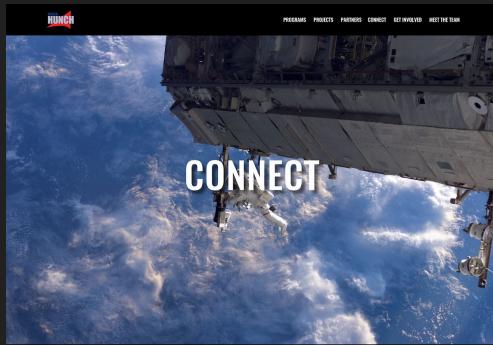
- Want to see all social posts
 - Testimonials already exist
 - Need an archive of blog posts

Ideation: Making Social More Prominent

- Wordpress Plugins!



Iteration 2



CONNECT

GET to know HUNCH.

13 years ago, HUNCH (High School United with NASA to Create Hardware) was founded as a means of giving high school students new educational experiences by producing hardware training items for the International Space Station. Today, the program has grown to over 150 schools from across the country, participating in a wide variety of projects, ranging from serving in an Astronaut Culinary Challenge. Our high school students even high school students with an interest in science can be involved in the global effort for research in space through many different avenues. Join Us!



Latest from HUNCH



Culinary Challenge Winner 2018

The 2018 HUNCH Culinary Challenge featured breakfast entries. The top 10 competitors from across the country will compete at the NASA Johnson Space Center in Houston for the Final Challenge.



Video & Media Challenge Winners 2018

Announcing our winners for the HUNCH Video and Media Challenge.



JSC Recognition Ceremony

HUNCH had our Johnson Space Center Recognition Ceremony this year to showcase the students from the local areas achievements this year.



FINAL CULINARY CHALLENGE

Congratulations to the teams who competed in the Final Culinary Challenge!



2018-2019 HUNCH Recognition Ceremony

The 2018-2019 HUNCH Recognition Ceremony, live streamed May 11, can be viewed here. We would like to thank you for everyone who was able to tune in!



2018-2019 Kickoff

Students, teachers, parents, partners, and administrators, we hope you all are off to a great start this year! We are excited about the coming academic year as we expand the HUNCH program to new schools and secure new partners.

←



Latest from HUNCH



Follow Us on Social Media



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DCI 2018 NASA Privacy Statement, DCI 2018
[Twitter](#) [Facebook](#) [YouTube](#)

Critiques:

- Social should be more prominent on the page
- Ensure layout of text, etc. is similar to other pages

Iteration 3

The image shows two versions of the 'CONNECT' page from the HUNCH website. Both versions feature a large banner at the top with the word 'CONNECT' overlaid on a background of a biplane flying through clouds. Below the banner, there are two sections: 'HISTORY OF HUNCH' and 'HUNCH VIDEOS'. The 'HISTORY OF HUNCH' section contains a photo of a team and a detailed text block about the program's 13-year history. The 'HUNCH VIDEOS' section has a placeholder image and a 'LATEST FROM HUNCH' grid below it. The right version includes a 'FOLLOW HUNCH' section with social media links.

Critiques:

- All social media easier to access in one place

Final Design

The image displays two versions of a website page for "HUNCH". Both versions have a header with the word "CONNECT" and a "HUNCH" logo.

Left Version (Actual Site):

- HISTORY OF HUNCH:** A photo of a team of people in blue shirts standing behind a table with a "HUNCH" banner. Below the photo is a caption: "13 years ago, NASA's first school-based competition was held to create hardware and food based on a theme of growing high school students' interest in science, technology, engineering, and math. The competition became known as the NASA Human Upper Combustion Chamber Challenge, or HUNCH for short. Since then, the competition has grown to over 100 schools across the country, and the competition has expanded to include challenges ranging from brewing to Astronaut Culinary Challenges."
- FOLLOW HUNCH:** A section showing a video thumbnail for the "2018-2019 Recognition Ceremony" and a thumbnail for a blog post by "PCTI Welcomes NASA".
- LATEST FROM HUNCH:** A grid of six thumbnails with captions:
 - CULINARY CHALLENGE WINNER 2018
 - VIDEO-MEDIA CHALLENGE WINNERS 2018
 - JSC RECOGNITION CEREMONY
 - FINAL CULINARY CHALLENGE
 - 2018-19 HUNCH RECOGNITION CEREMONY
 - 2018-19 KICKOFF
- Blog Posts:** Three placeholder entries: "ENTER BLOG POST TITLE HERE".
- Footer:** Includes social media links (Twitter, Facebook, YouTube) and a copyright notice: "© 2018 NASA-HUNCH. All Rights Reserved. DC-18-0017 - Page 1 of 2 - Last Update: 10/18/2018".

Right Version (Mockup):

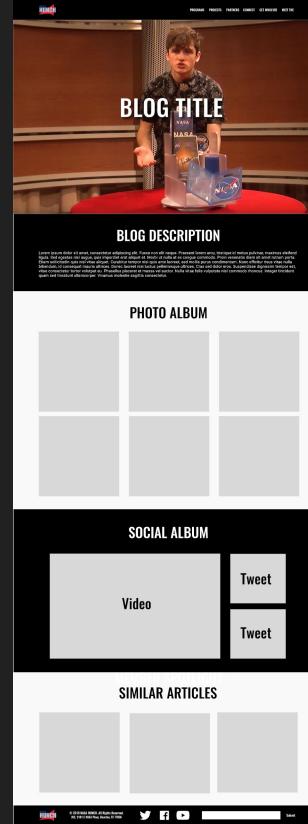
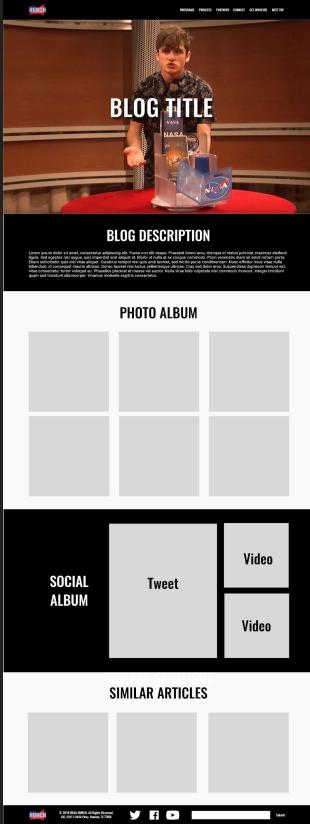
- HISTORY OF HUNCH:** Same photo and caption as the left version.
- FOLLOW HUNCH:** Same section as the left version.
- LATEST FROM HUNCH:** A grid of six thumbnails with captions:
 - CULINARY CHALLENGE WINNER 2018
 - VIDEO-MEDIA CHALLENGE WINNERS 2018
 - JSC RECOGNITION CEREMONY
 - FINAL CULINARY CHALLENGE
 - 2018-19 HUNCH RECOGNITION CEREMONY
 - 2018-19 KICKOFF
- Blog Posts:** Three placeholder entries: "ENTER BLOG POST TITLE HERE".
- Footer:** Same footer as the left version.

Individual Blog Pages

Ideation

- Currently no specific layout
- Different types of media to take into account
- How to showcase more information
- Keeping things standardized with the site

Iteration 1: Differing Media Layouts



Critiques:

- Feels cluttered
- Don't need tweets

Iteration 2

The screenshot shows a landing page for the JSC Recognition Ceremony. At the top, there's a banner with the NASA logo and the HUNCH logo. Below the banner, the text "JSC RECOGNITION CEREMONY" is prominently displayed. A large image of the ceremony is shown, featuring several people in suits standing at podiums. Below the image, a section titled "DESIGN & PROTOTYPING FINALISTS AT JSC" includes a small blurb and a "PHOTO ALBUM" section with six thumbnail images.

DESIGN & PROTOTYPING FINALISTS AT JSC

April 29, 2018 / Author Name
HUNCH had our Johnson Space Center Recognition Ceremony this weekend to showcase the students from the local area achievements this year. We had students from the Design & Prototyping Finalists, the Culinary Challenge, the Video & Media Finalists, the Manufacturing, the Culinary Challenge, as well as our Video and Media Challenge. With everyone together you can see the true scope of what HUNCH has to offer. We're so thankful to everyone who could make it out and we hope to see you next year if you're continuing with HUNCH!

PHOTO ALBUM

April 29, 2018 / Author Name
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SIMILAR ARTICLES

Final Culinary Challenge
Competitors from around the country competed in the Final Culinary Challenge!

Culinary Challenge Winner 2018
The 2018 Culinary Challenge featured breakfast entries.

Video & Media Winners
Announcing our Media winners for the HUNCH Video and Media Challenge!

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100, 2018 NASA HUNCH, Inc., 2018 NASA HUNCH, Inc., 2018

Submit

This screenshot shows a detailed view of the "DESIGN & PROTOTYPING FINALISTS AT JSC" article. It includes a large image of the ceremony, a title, a blurb, and a "PHOTO ALBUM" section with six thumbnails. Below the photo album is a "SIMILAR ARTICLES" section and a "VIDEOS" section.

DESIGN & PROTOTYPING FINALISTS AT JSC

April 29, 2018 / Author Name
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PHOTO ALBUM

SIMILAR ARTICLES

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Culinary Challenge Winner 2018
The 2018 Culinary Challenge featured breakfast entries.

Video & Media Winners
Announcing our Media winners for the HUNCH Video and Media Challenge!

VIDEOS

100, 2018 NASA HUNCH, Inc., 2018 NASA HUNCH, Inc., 2018

Critiques:

- Add zoom feature to photo grid

Final Design

The screenshot shows a news article titled "DESIGN & PROTOTYPING FINALISTS AT JSC". The article features a photo album with nine images from the ceremony, similar articles section with three thumbnails, and a video section with a large placeholder image.

JSC RECOGNITION CEREMONY

DESIGN & PROTOTYPING FINALISTS AT JSC

April 28, 2018 / Author Name

HUNCH had our Johnson Space Center Recognition Ceremony this weekend to showcase students from the local areas who were involved in all of the projects from Design and Prototyping, who just had their Final Design review, Softgoods Made to Print, Hardware Manufacturing, Video & Media, and the Culinary Challenge. We are so grateful for the opportunity to work with these students and see what they have to offer. We're thankful to everyone who could make it out and we hope to see you next year if you're continuing with HUNCH.

PHOTO ALBUM

SIMILAR ARTICLES

VIDEOS

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401 11th Street, Suite 1100, Denver, CO 80202

[Twitter](#) [Facebook](#) [YouTube](#)

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JSC RECOGNITION CEREMONY

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PHOTO ALBUM

SIMILAR ARTICLES

VIDEOS

© 2018 NASA HUNCH. All Rights Reserved.
401 11th Street, Suite 1100, Denver, CO 80202

[Twitter](#) [Facebook](#) [YouTube](#)

The screenshot shows a news article titled "DESIGN & PROTOTYPING FINALISTS AT JSC". The article features a photo & social album with one large image of a woman speaking at a podium, similar articles section with three thumbnails, and a video section with a large placeholder image.

JSC RECOGNITION CEREMONY

DESIGN & PROTOTYPING FINALISTS AT JSC

April 28, 2018 / Author Name

HUNCH had our Johnson Space Center Recognition Ceremony this weekend to showcase students from the local areas who were involved in all of the projects from Design and Prototyping, who just had their Final Design review, Softgoods Made to Print, Hardware Manufacturing, Video & Media, and the Culinary Challenge, as well as our Video and Media Challenge. With everyone together you can see the true scope of what HUNCH has to offer. We're thankful to everyone who could make it out and we hope to see you next year if you're continuing with HUNCH.

PHOTO & SOCIAL ALBUM

SIMILAR ARTICLES

VIDEOS

Barbara Starcke head of design for the NASA HUNCH Culinary Challenge. Our goal is to create a meal in the cockpit!

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401 11th Street, Suite 1100, Denver, CO 80202

[Twitter](#) [Facebook](#) [YouTube](#)

Presentation to HUNCH management



Playbook

1. Slice (non-UI heavy)
2. Make Copies
3. Distribute
4. Multiselect
5. Status Bar

User Research: Demos + Playing Around

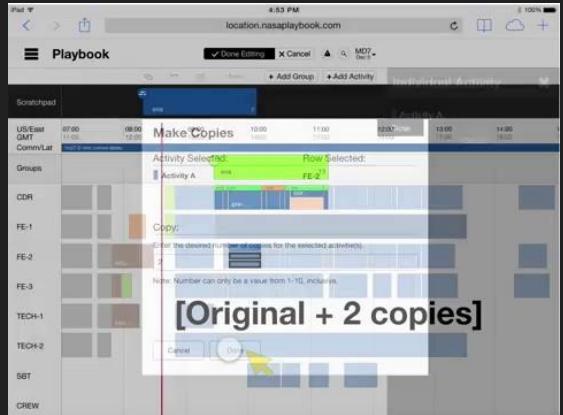
- Speaking to Jimin, Jack, and Ivy about use cases
- Playing with Score
- dev.nasaplaybook.com

General Changes

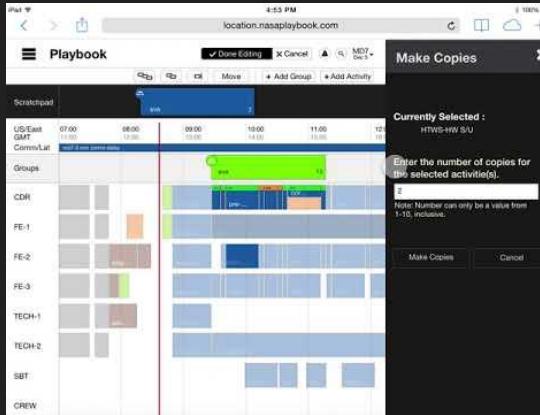
Problem:

- Figuring out where to put action buttons
- Figuring out what kind of field to have for inputs (dropdown, pop-up, new tray)

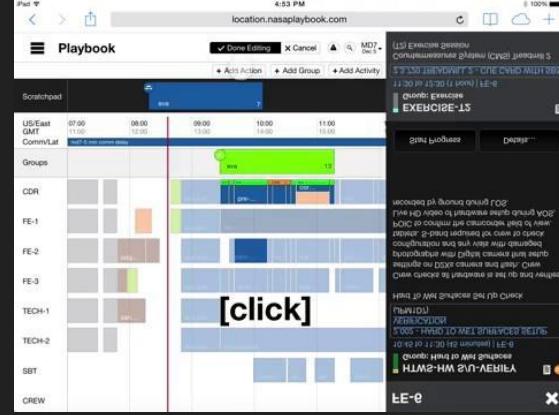
Iterations of Action Buttons



Dropdown



Activity Bar



Activity Tray

We decided to have an action bar for buttons and an activity tray for actions.

Slice

Iteration 1

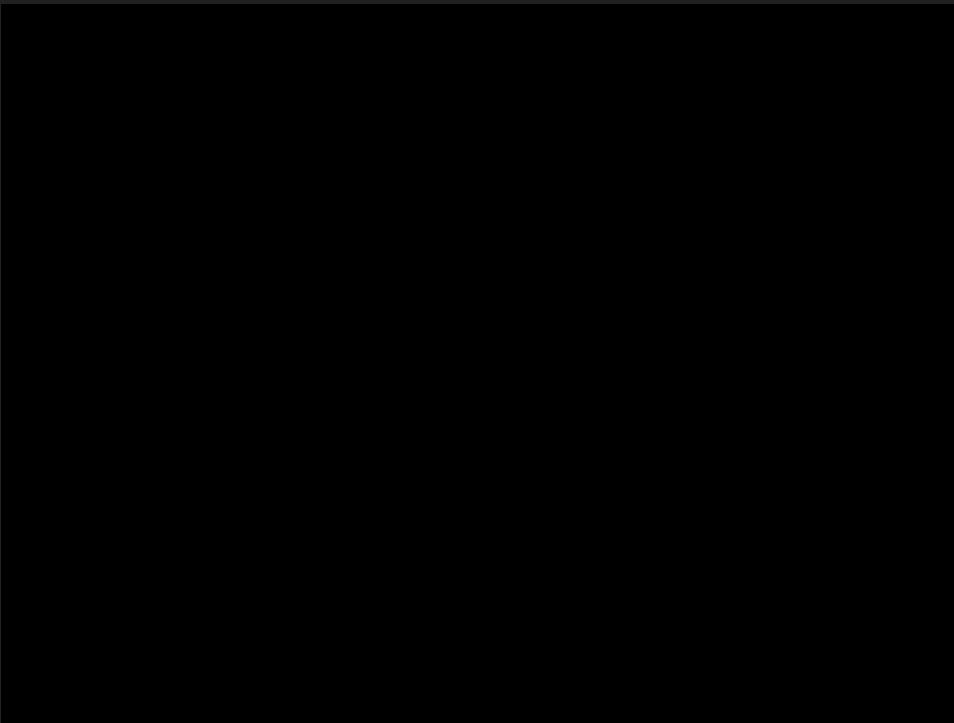
The screenshot shows the NASA Playbook application interface on an iPad. The top navigation bar includes icons for back, forward, refresh, and cloud storage, along with the URL "location.nasaplaybook.com" and the time "4:53 PM". The main area is titled "Playbook" with a "Done Editing" button and a search bar. A sidebar on the left lists crew members: Scratchpad, US/East GMT, Comm/Lat, Groups, CDR, FE-1, FE-2, FE-3, TECH-1, TECH-2, SBT, and CREW. The main workspace displays a timeline from 07:00 to 16:00 on Dec 5, with various activities represented by colored bars. A red vertical line is drawn across the timeline. A modal window titled "Action" is open over the timeline, containing a "Slice" section with instructions: "Remove individual activities from a group. Click the box to remove an activity." It lists three checkboxes: "Activity A", "Activity B", and "Slice All", with "Slice All" being checked and highlighted by a yellow arrow. At the bottom of the modal are "Save Changes" and "Cancel" buttons.

Critique

No need to split up individual activities

- No need for a tray (can be non-UI heavy)

Final Design

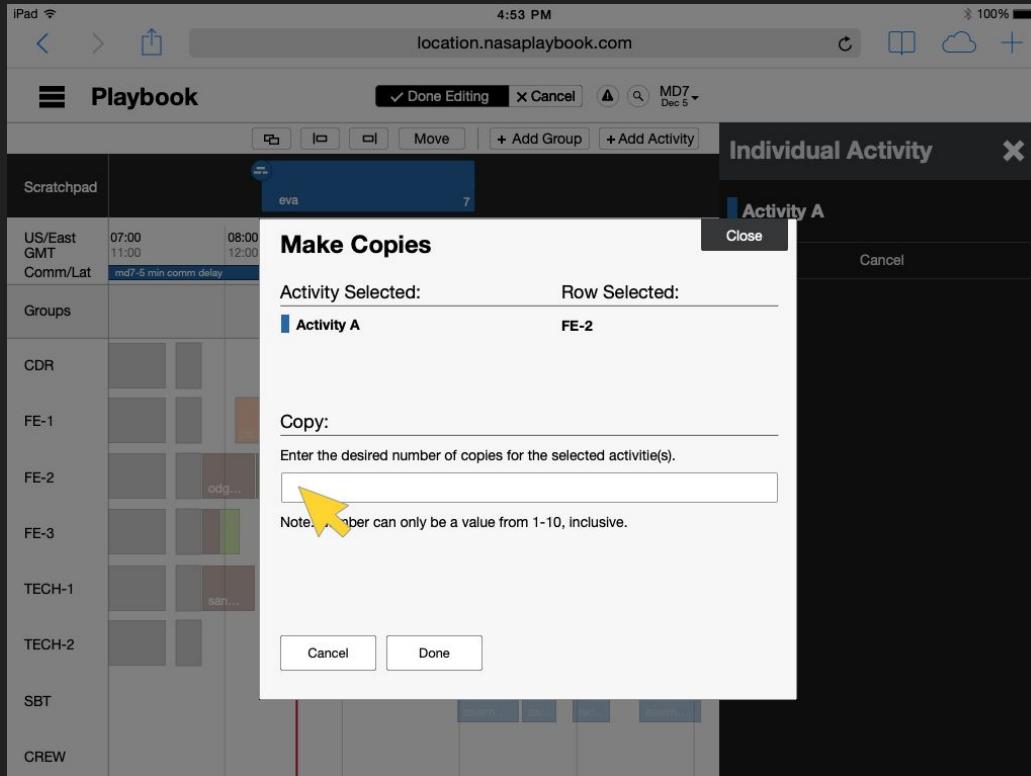


Make Copies

Considerations

- Need to make copies work for individual events, groups, and scratchpad activities
- Repetition is an important concept in making copies
- How do we communicate errors or successful copy creation

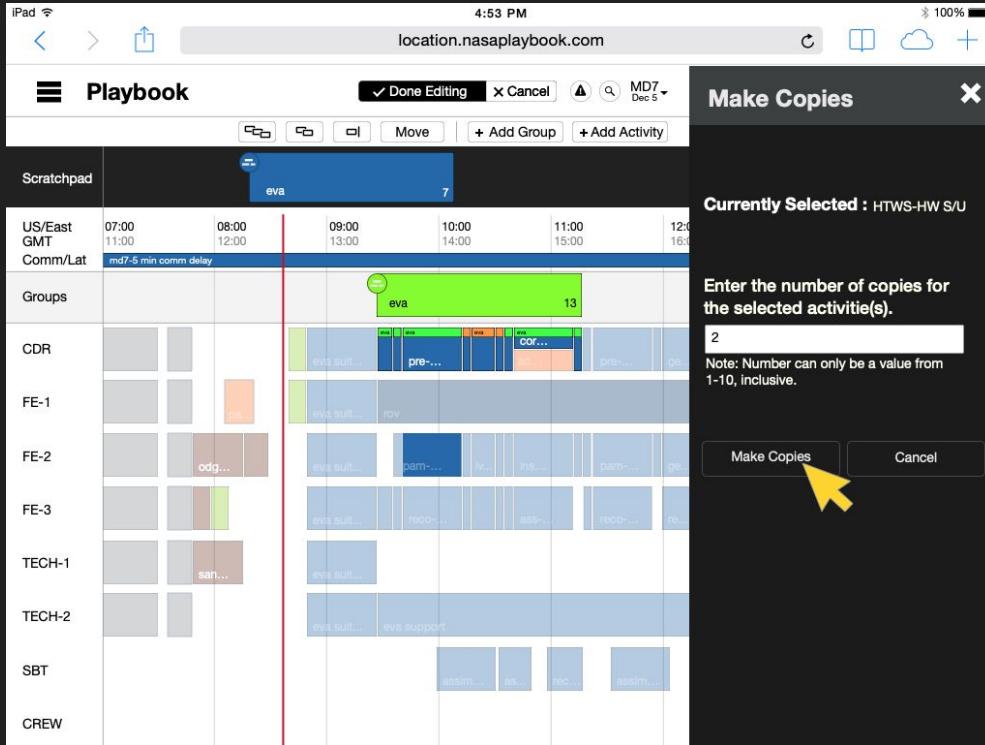
Iteration 1



Critique

- No more pop-up

Iteration 2



Critique

- Make copies but doesn't place them
- One copy doesn't need an activity tray (remove button)

Concept Addition: Repetition

The screenshot shows the Nasaplaybook.com application on an iPad. The main interface displays a timeline from 07:00 to 16:00 across various locations (US/East, GMT, Comm/Lat) and crew members (Scratchpad, Groups, CDR, FE-1, FE-2, FE-3, TECH-1, TECH-2, SBT, CREW). A specific activity named "eva" is highlighted in blue on the Scratchpad timeline. A red vertical line marks the start of "Mission Day 7". A yellow arrow points to the "Recurrence" dialog box.

Recurrence

Currently Selected: Activity A

Repeat an activity any given number of times in the future.

Repeat every

Repeat Ends On

Examples for Repeat End:
-Mission Day x
-05/16"

Replicate Cancel

Final Design

iPad 4:53 PM location.nasaplaybook.com MD7 Dec 5

Playbook ✓ Done Editing × Cancel ⌂ ⌂ ⌂ +

Scratchpad eva 7

US/East 07:00 08:00 09:00 10:00 11:00 12:00
GMT 11:00 12:00 13:00 14:00 15:00 16:00
Comm/Lat md7-6 min comm delay

Groups eva 13

CDR

FE-1

FE-2 odg...

FE-3

TECH-1 san...

TECH-2

SBT

CREW

Make Copies

Currently Selected:
Activity A

Enter the number of copies for the selected activities(s).

Note: Number can only be a value from 1-20, inclusive.

Enter how often the copied activities should repeat (start to start durations).

Repeat every hrs days weeks

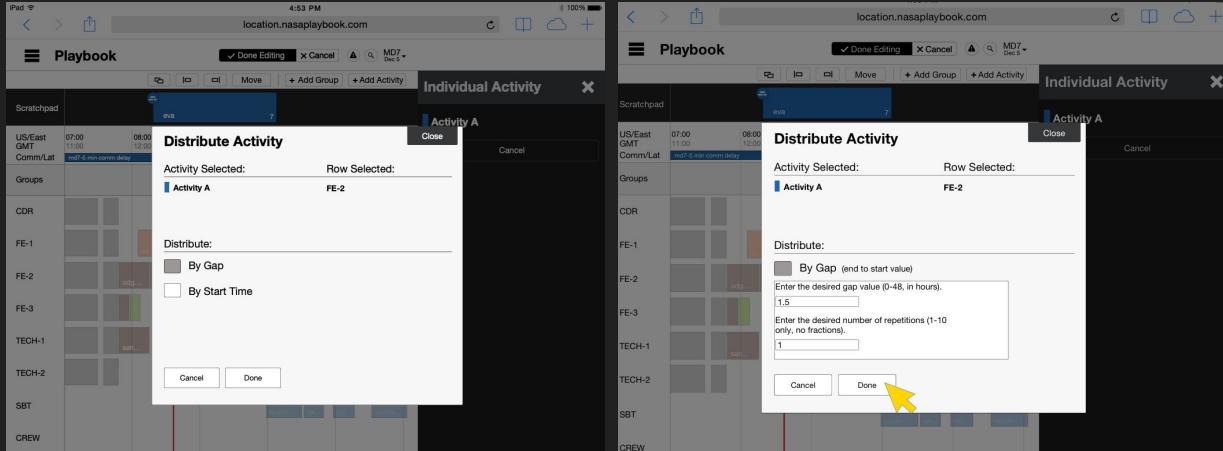
Make Copies Cancel

Distribute

Considerations

- Naming conventions are very confusing
 - Changed end to start to be called “gap”

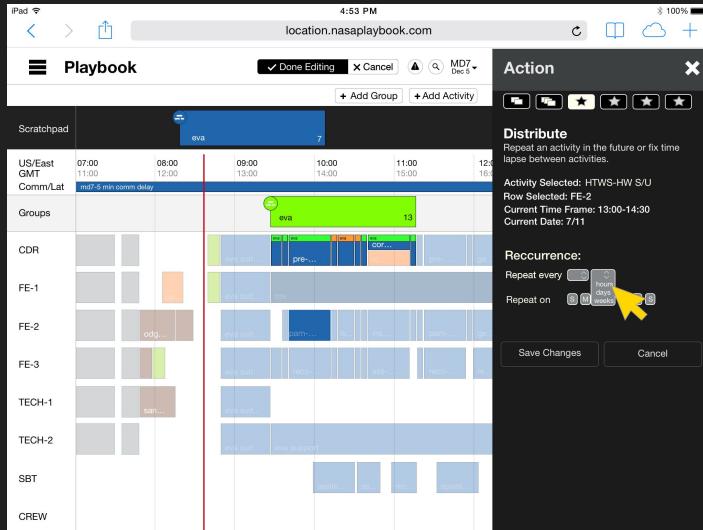
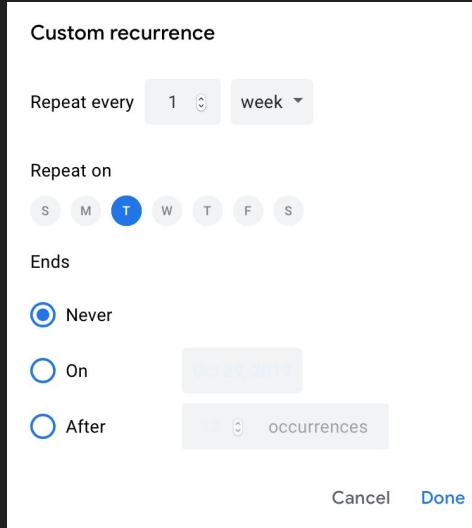
Iteration 1



Critique

- In missions, mostly start to start is used
- Too many screens to complete a shortcut

Iteration 2: Taking Inspiration from Google Calendar



Critique

- Combines make copies and distribute (we still need an independent make copies)

Final Design

iPad 4:53 PM location.nasaplaybook.com 100%

Playbook

Done Editing Cancel MD7 Dec 5

Scratchpad eva 7

US/East GMT 07:00 08:00 09:00 10:00 11:00 12:00
11:00 12:00 13:00 14:00 15:00 16:00

Comm/Lat md7-5 min comm delay

Groups eva 13

CDR

FE-1

FE-2 odg...

FE-3

TECH-1 san...

TECH-2

SBT

CREW

Distribute By

Currently Selected:

Activity A

Activity B

Enter the amount of space between activities (end time of the first to the start time of the next).

hrs days wks

Distribute Cancel

Key Takeaways & Skills Built

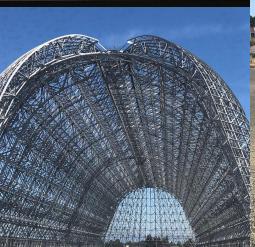
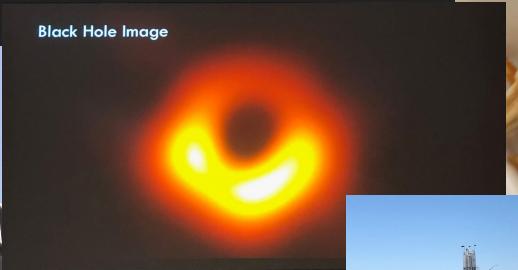
Skills:

- Explaining interactions in documentation
- Being more detail oriented
- Building a mastery of Sketch
- Improving at UI (icons/symbols)

Key Takeaways:

- There is a lot more autonomy in a small team environment
- In practice, designers and developers work very closely and not as separate entities
- NASA AMES HCI is awesome!!

Other Cool Experiences



2019 NASA Ames Research Center
Summer Series
Wednesday, July 24
Katherine Bouman
Imaging a Black Hole with the
Event Horizon Telescope

