

INKWEAVER

PIERCE DARRAGH

AARON HSU

CHARLES KHONG

RAJUL RAMCHANDANI

Overall Problem

- Writing is messy
- No single “best practice” method
 - Many notebooks to organize ideas
 - Many Google Docs/MS Word files
- Ideas and writing are separate
 - Changes in one are not reflected to the other

Initial Paper Prototype

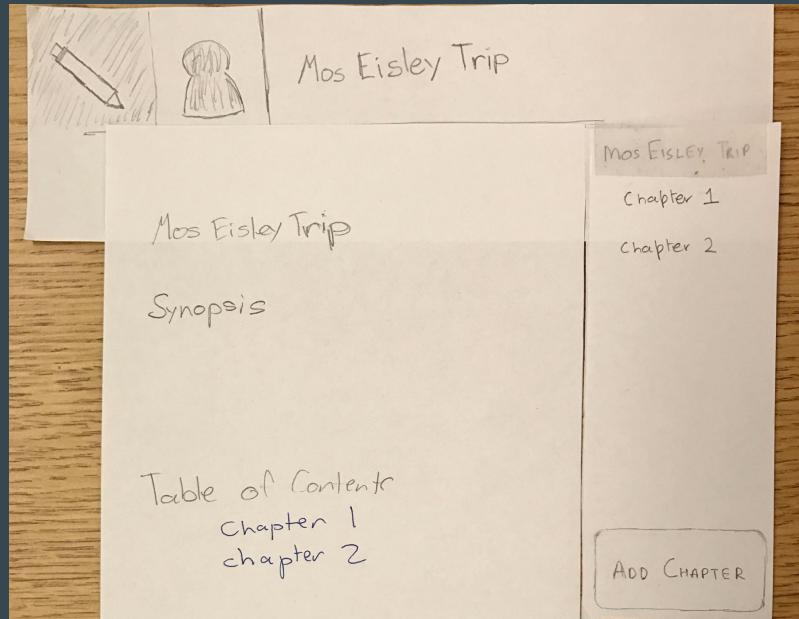
Primary Tasks

1. Navigation
2. Adding pages to wiki

Task 1

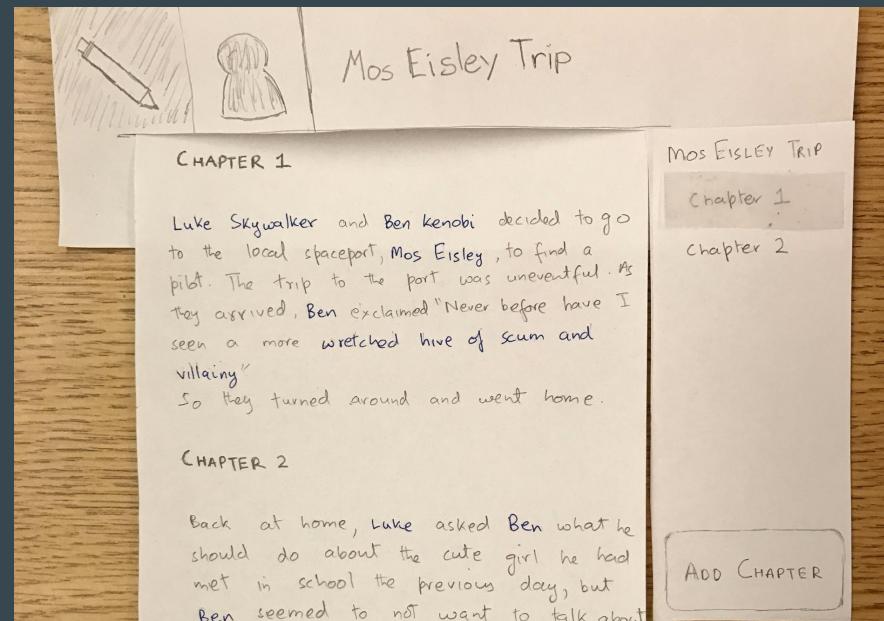
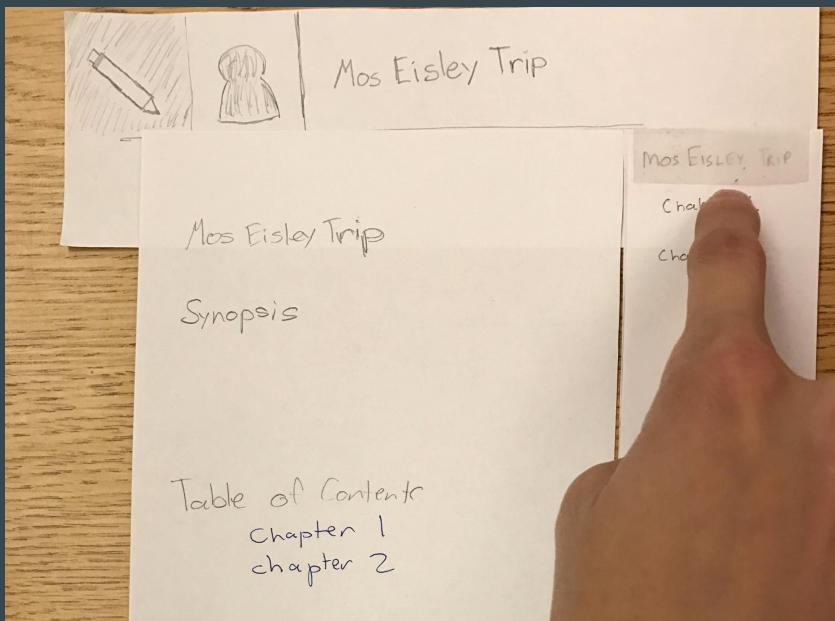
Paper Prototype — Task 1

Opening the Editor



Paper Prototype — Task 1

Navigation to Chapter 1



Paper Prototype — Task 1

Following Links in the Story

Mos Eisley Trip

CHAPTER 1

Luke Skywalker and Ben Kenobi decided to go to the local spaceport, Mos Eisley, to find a pilot. The trip to the port was uneventful. As they arrived, Ben exclaimed "Never before have I seen a more wretched hive of scum and villainy!" So they turned around and went home.

CHAPTER 2

Back at home, Luke asked Ben what he could do about the cute girl he had in school the previous day, but seemed to not want to talk about it.

Mos Eisley Trip

Chapter 1

Chapter 2

ADD CHAPTER

Mos Eisley Trip

Luke Skywalker

Aliases

- Luke

Background

A whiny brat who thinks he's entitled to everything. Hangs out with Obi-Wan Kenobi.

References

Luke Skywalker and Ben Kenobi decided to go to the local spaceport.

Mos Eisley Trip

Characters

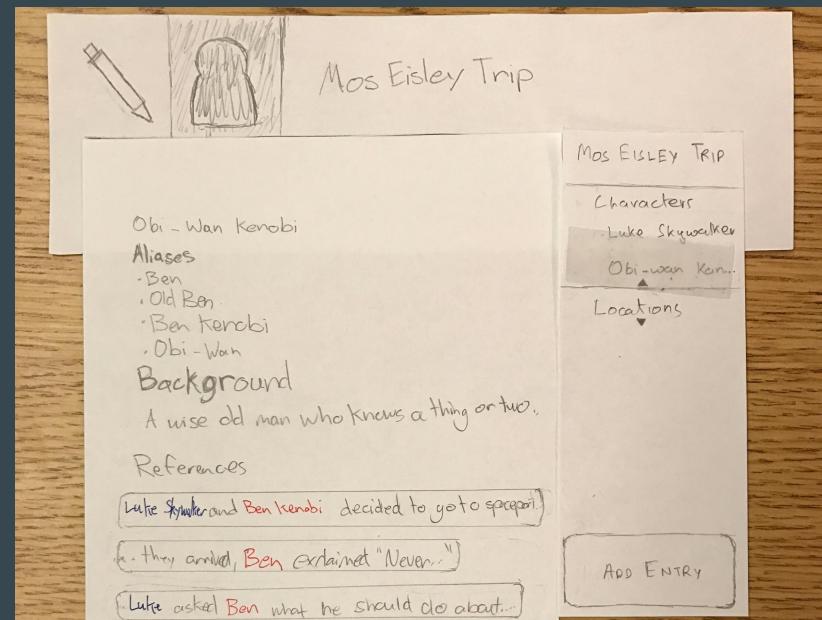
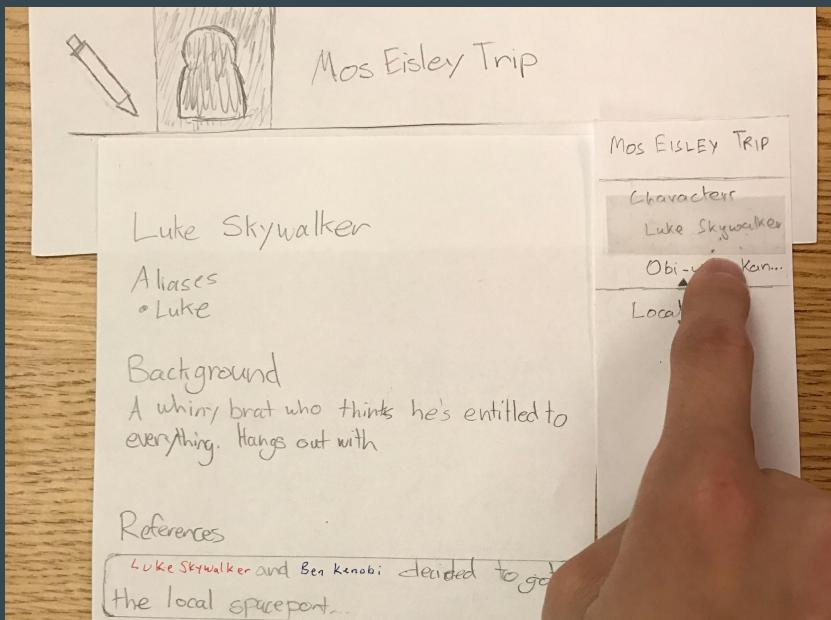
- Luke Skywalker
- Obi-Wan Kenobi

Locations

ADD ENTRY

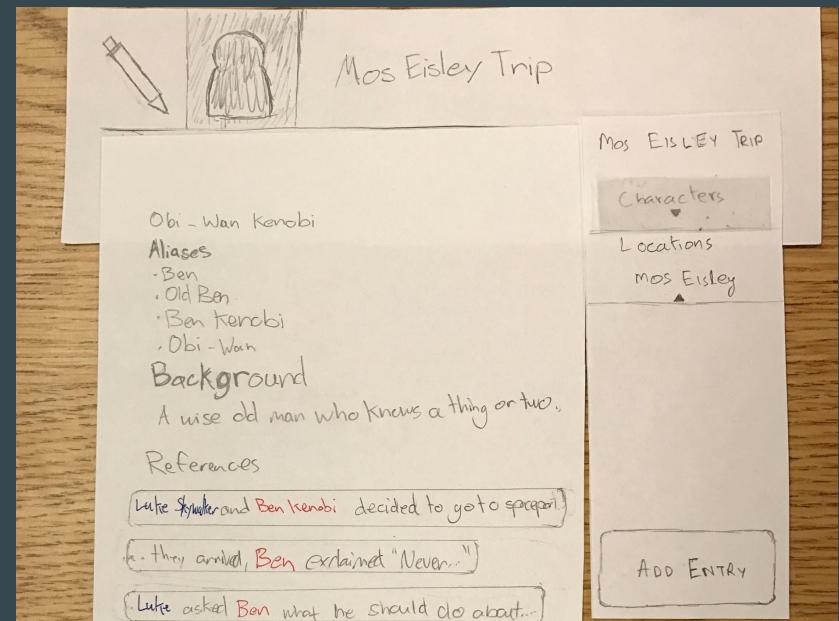
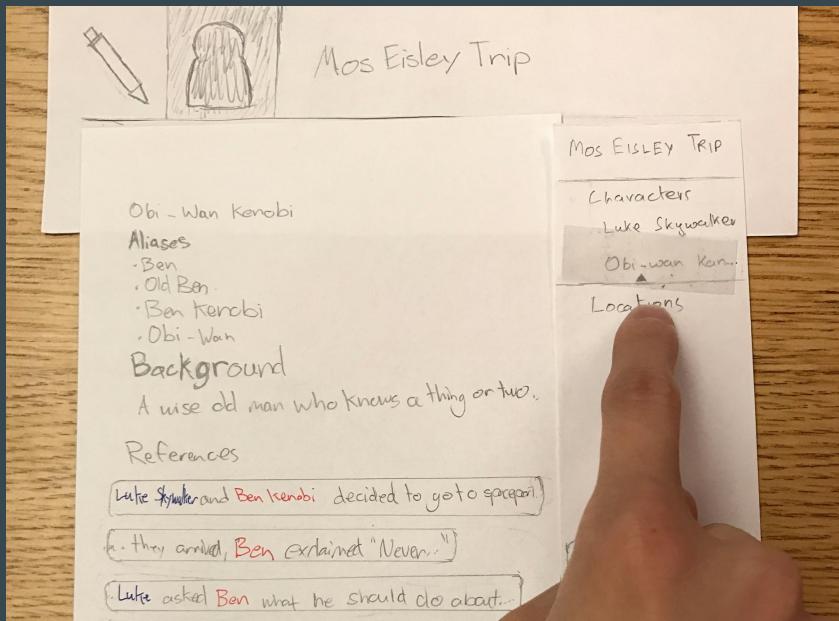
Paper Prototype — Task 1

Sidebar Navigation



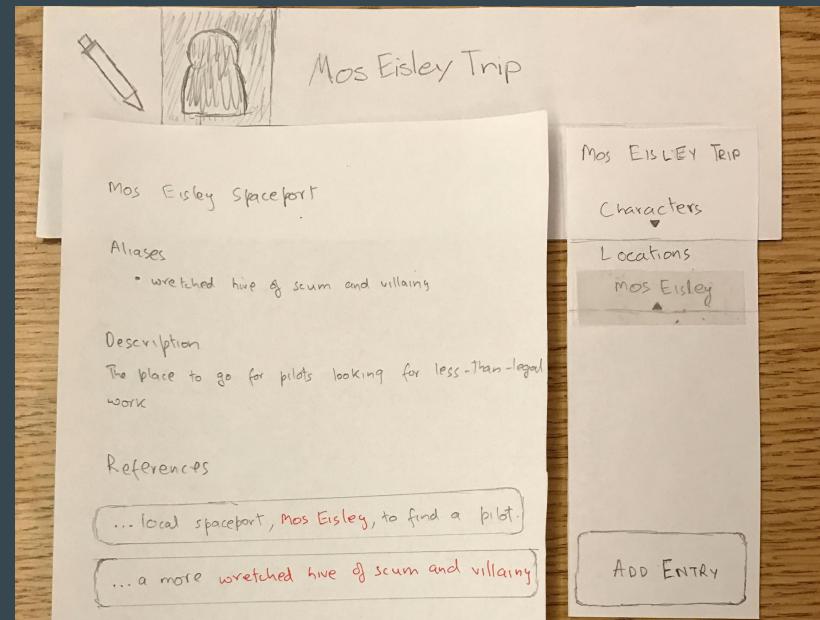
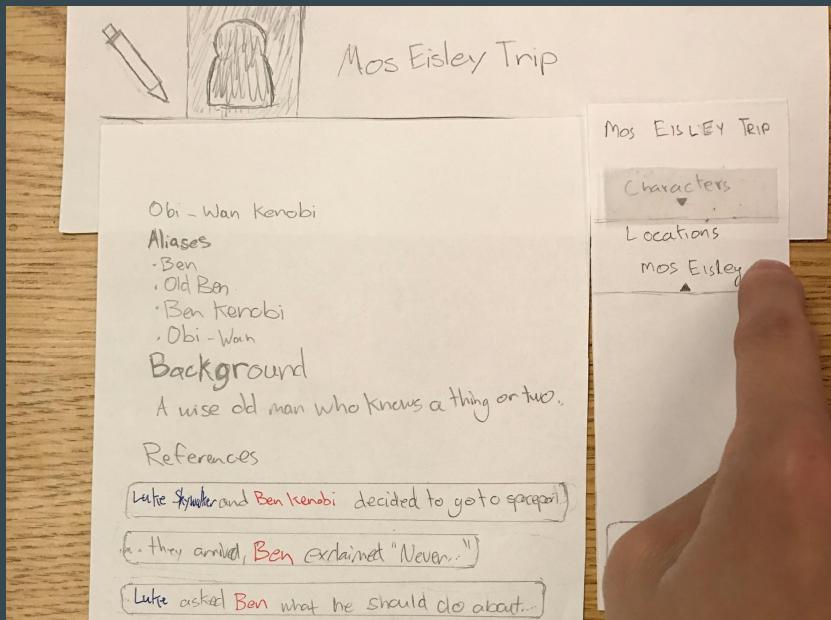
Paper Prototype — Task 1

Changing Sidebar Category



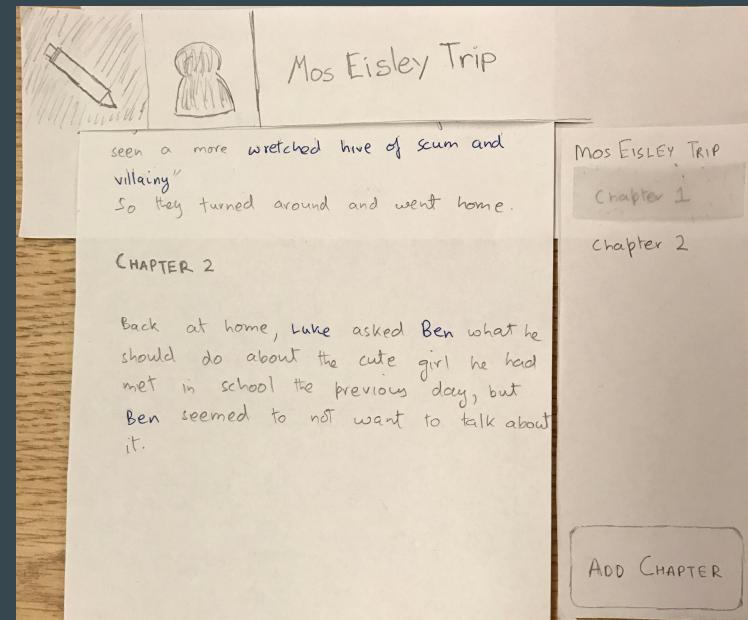
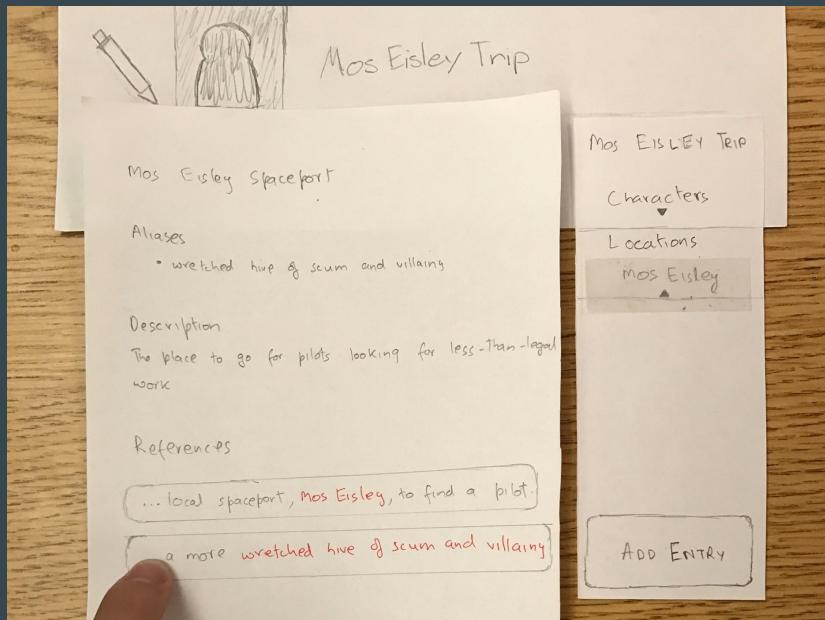
Paper Prototype — Task 1

Sidebar Navigation



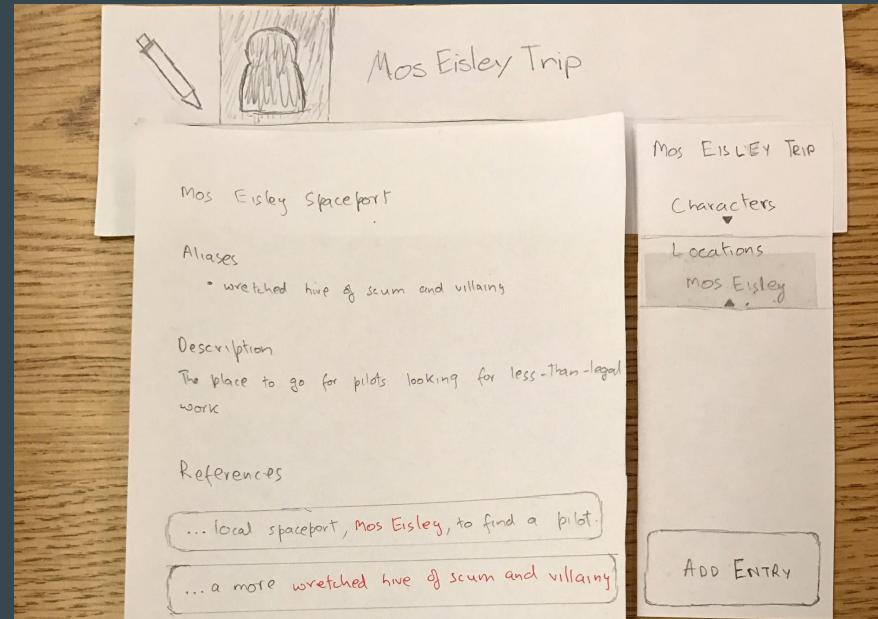
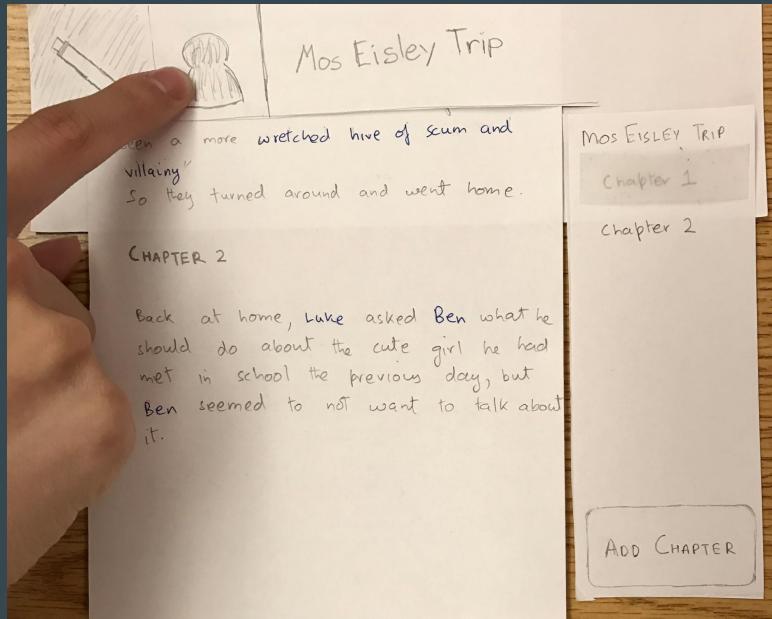
Paper Prototype — Task 1

Using Text References in the Wiki



Paper Prototype — Task 1

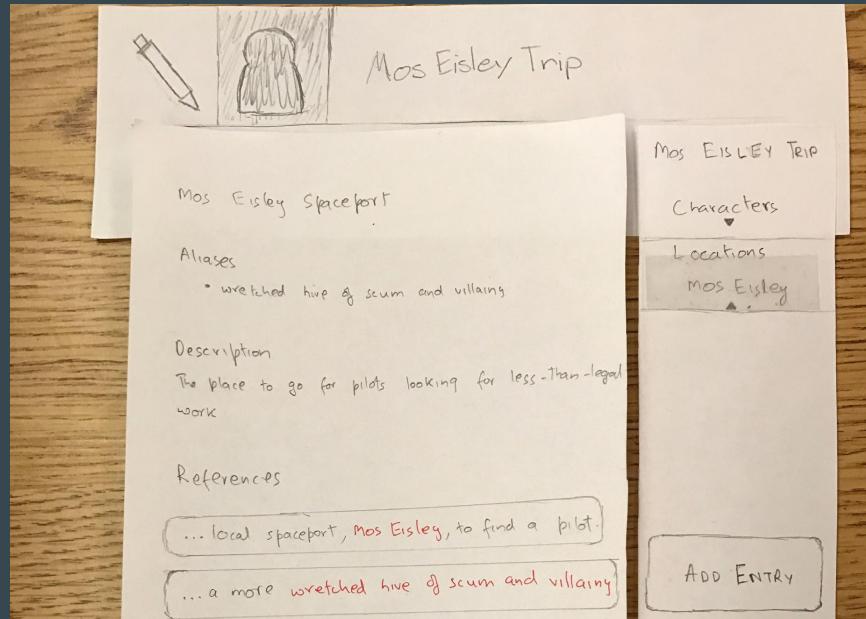
Using Top-bar Navigation



Task 2

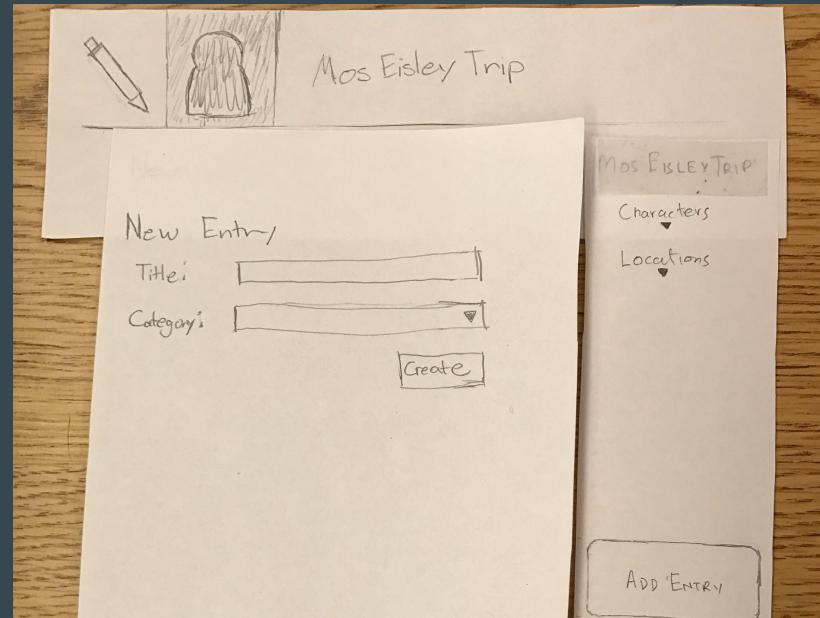
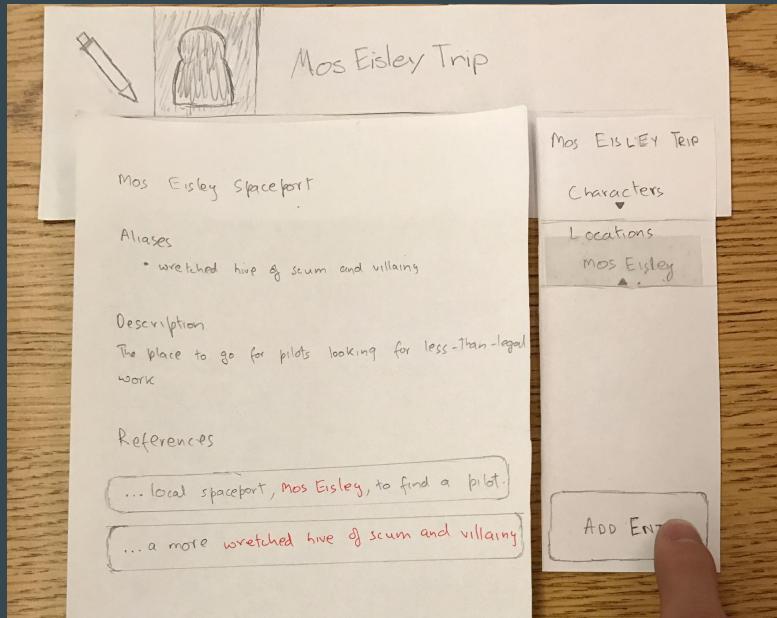
Paper Prototype — Task 2

Opening the Wiki



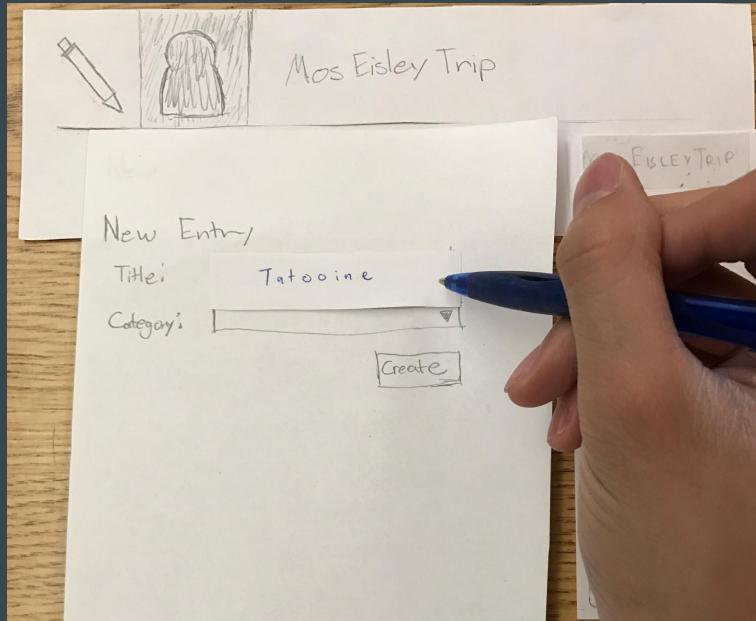
Paper Prototype — Task 2

Adding a New Wiki Entry



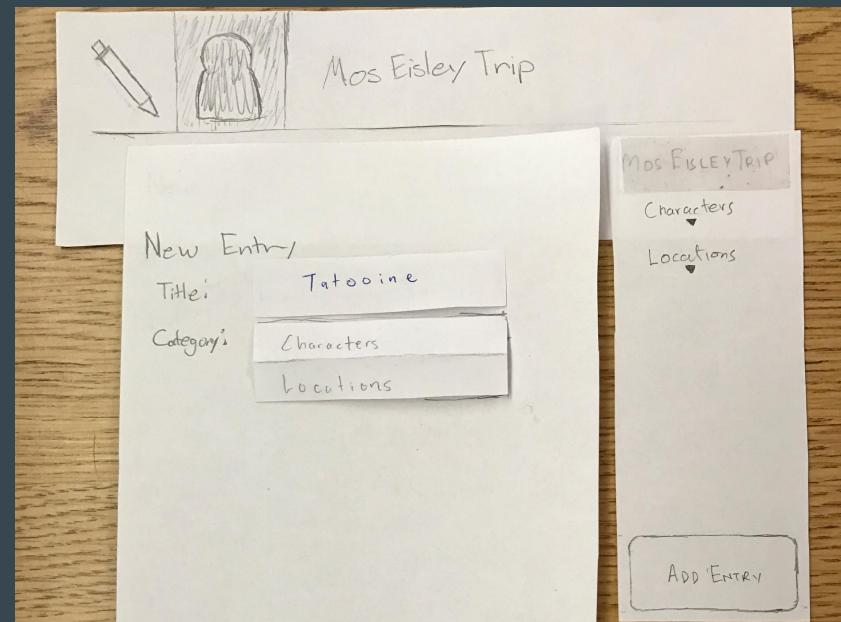
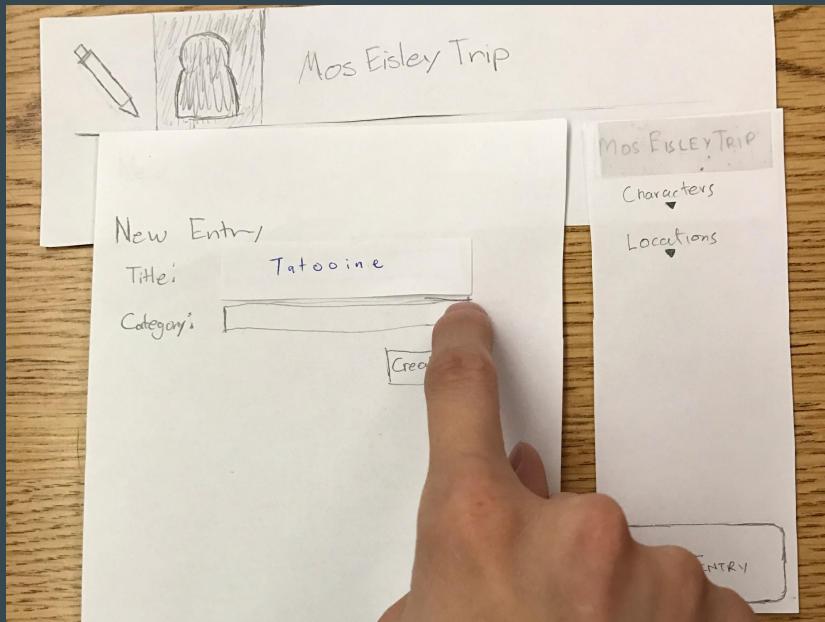
Paper Prototype — Task 2

Naming the New Entry



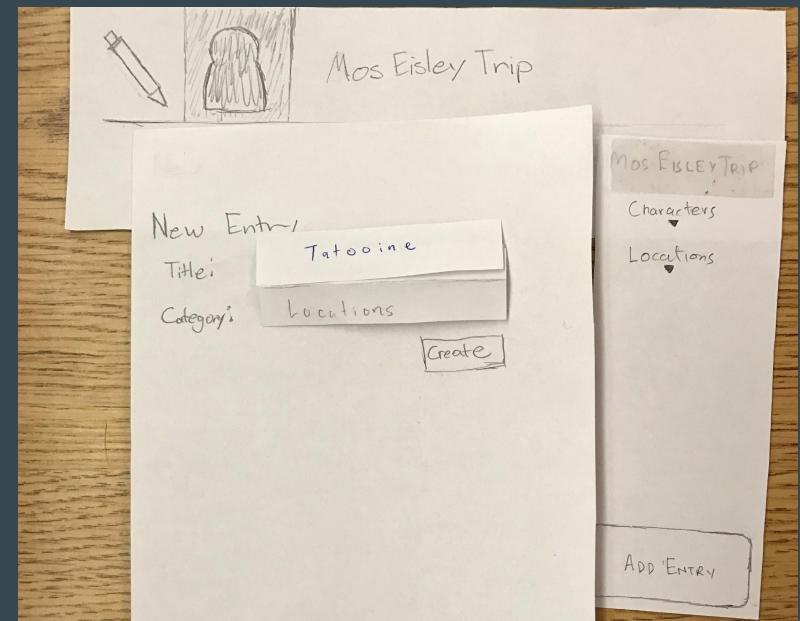
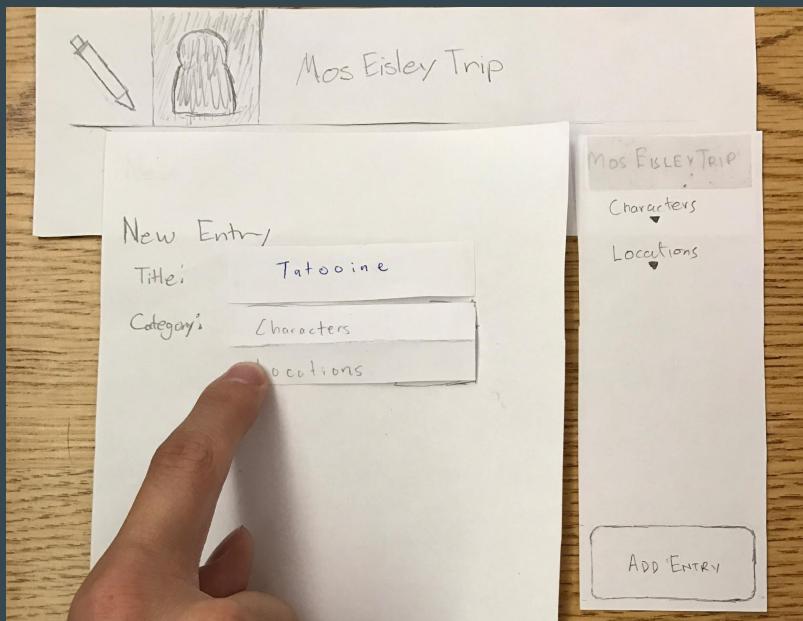
Paper Prototype — Task 2

Changing the New Entry's Category



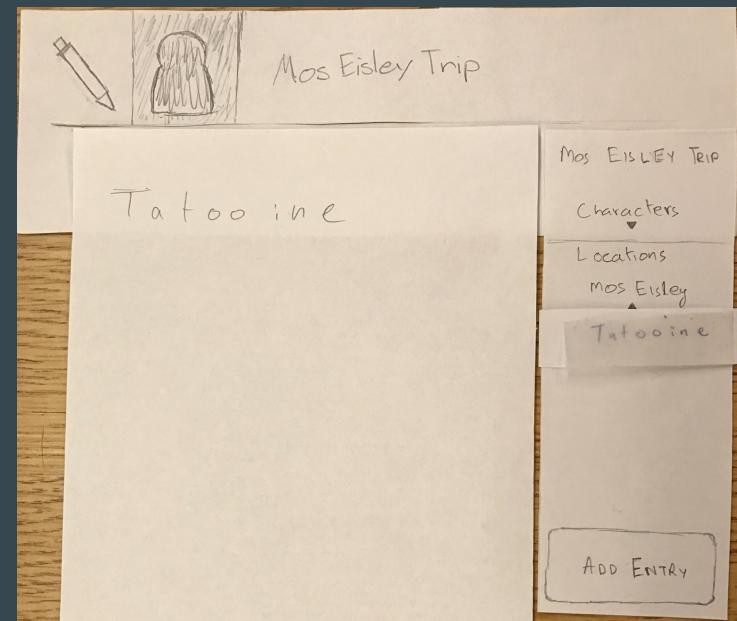
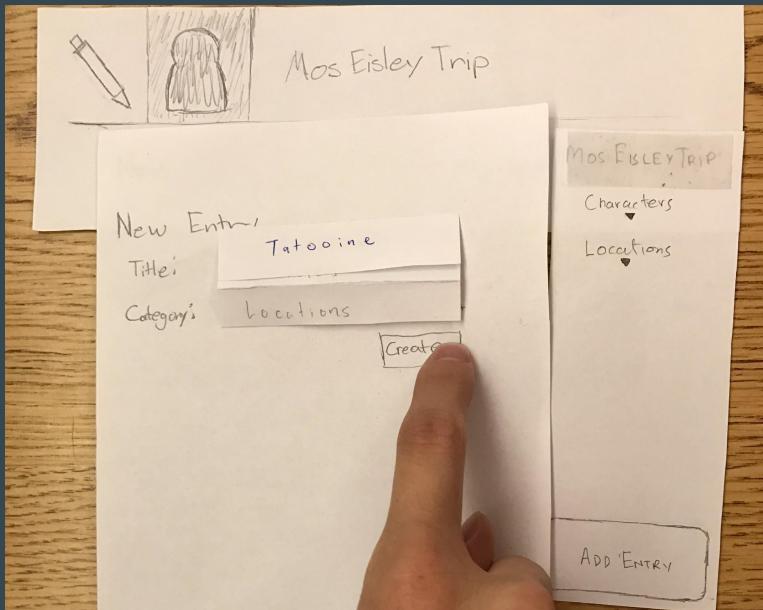
Paper Prototype — Task 2

Selecting the “Locations” Category



Paper Prototype — Task 2

Finalizing New Entry



Testing Process

Subjects

- Students
- Passion for writing
- Familiar with competing products

Findings

- Careful with word usage

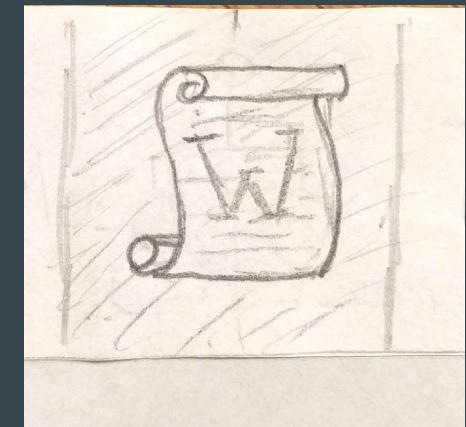
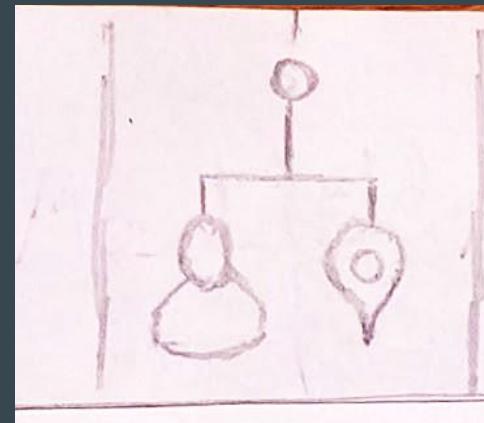
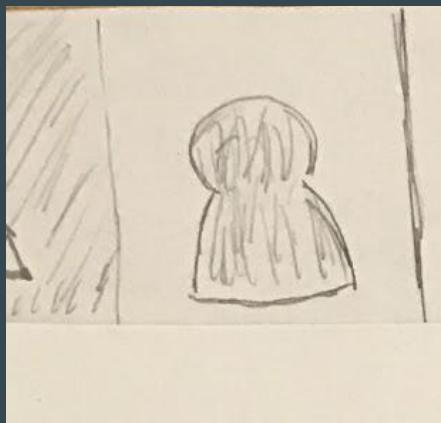
Testing Results

Discoveries

- Wiki icon — poor affordance
- Navigation — no history
- Word choice — ambiguous
- Blue links — simple, intuitive
- Sidebar — easy to use

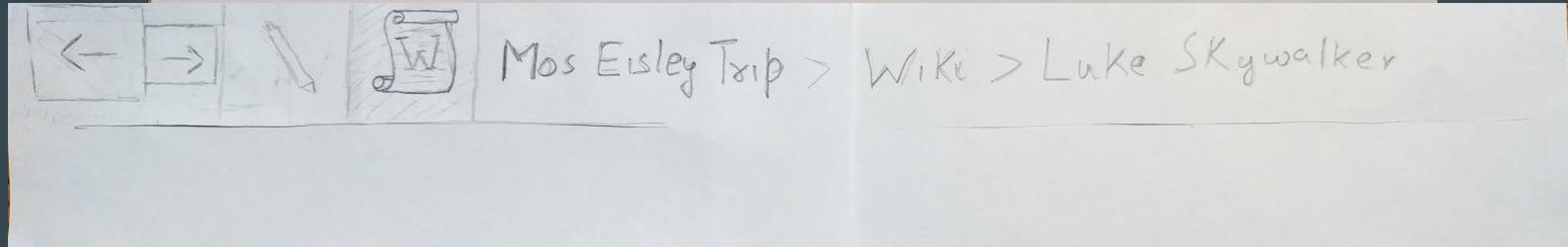
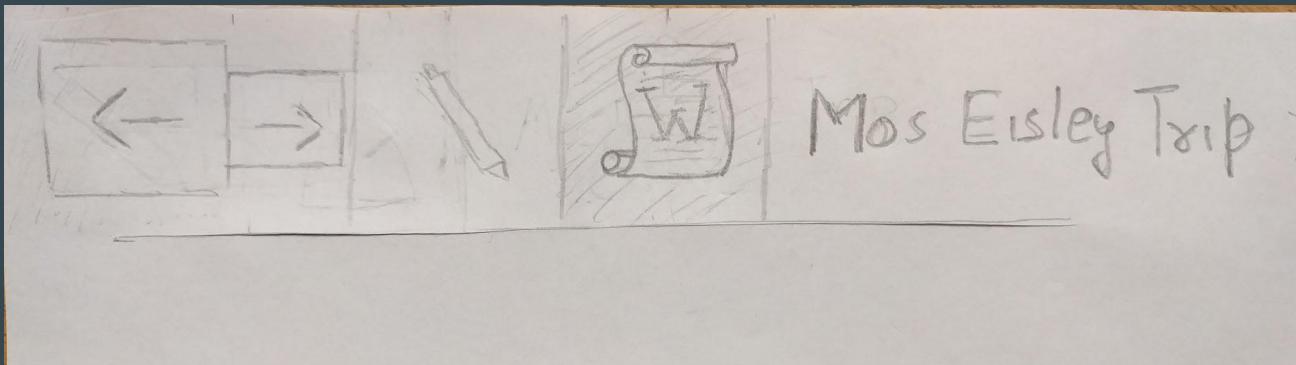
Final Paper Prototype

Wiki Icon - Poor Affordance



Final Paper Prototype

Navigation - no history



Final Paper Prototype

Word Choice - Ambiguous

Mos Eisley Trip

Obi-Wan Kenobi

Aliases

- Ben
- Old Ben
- Ben Kenobi
- Obi-Wan

Background

A wise old man who knows a thing or two.

References

Luke Skywalker and Ben Kenobi decided to go to spaceport.
As they arrived, Ben explained "Never..."
Luke asked Ben what he should do about...

Mos EISLEY TRIP

Characters

Locations

mos Eisley

ADD ENTRY

This image shows a hand-drawn paper prototype for a character profile. At the top left is a pencil icon and a small sketch of a person's head. The title 'Mos Eisley Trip' is written in a large, stylized font. Below the title, there are sections for 'Aliases' (listing 'Ben', 'Old Ben', 'Ben Kenobi', and 'Obi-Wan') and 'Background' (describing him as a wise old man). A 'References' section contains three short narrative snippets. To the right, a vertical sidebar has a header 'Mos EISLEY TRIP' with 'Characters' and 'Locations' sections. The 'Locations' section lists 'mos Eisley'. At the bottom is a large 'ADD ENTRY' button.

Locations

MOS Eisley

click to see a list of location wikkis

ADD ENTRY

CREATE WIKI PAGE

Locations

MOS Eisley

click to see a list of location wikkis

ADD ENTRY

CREATE WIKI PAGE

This image shows a hand-drawn paper prototype for a locations page. It features a header 'Locations' and a specific entry for 'MOS Eisley'. A callout bubble says 'click to see a list of location wikkis'. Below the main entry are 'ADD ENTRY' and 'CREATE WIKI PAGE' buttons. The right side of the image shows a continuation of the locations list, with another 'Locations' header and an entry for 'MOS Eisley' followed by a similar callout bubble.

Digital Mockup

Revised Tasks

1. Navigation (excluding links)
2. Creation and usage of links

Task 1

Digital Mockup — Task 1

Starting From Wiki

The screenshot shows a dark-themed web browser interface. The main content area displays a Wikipedia page titled "Mos Eisley Trip". The page has a "Summary" section stating: "The "Mos Eisley Trip" is a short story about [Luke](#) and [Ben](#)'s adventure to [Mos Eisley](#) spaceport." Below this is a "Categories" section with links to "Characters" and "Locations". To the right of the main content is a sidebar with a search bar labeled "Search..." and a magnifying glass icon. Below the search bar is a card for the "Mos Eisley Trip" entity, which is categorized as a "Character" (Luke Skywalker and Obi-Wan Kenobi) and a "Location". There are also three vertical ellipsis dots at the top of the sidebar.

Digital Mockup — Task 1

Used Sidebar to View Luke's Page

The image shows a digital workspace interface. The main content area has a dark header bar with the title "Mos Eisley Trip". Below the header are several toolbar icons: a script symbol, a bold "B", an italic "I", two alignment icons, and a list icon. The main content area displays the following information:

- Luke Skywalker** (with a edit icon)
- Aliases**: • Luke
- Background**: A whiny brat who thinks he's entitled to everything. Hangs out with [Obi-Wan Kenobi](#).
- References**:
 - Luke Skywalker and Ben Kenobi decided to go to the local spaceport...
 - ...at home, Luke asked Ben what he should do about the...

To the right of the main content area is a sidebar with a dark background. It features a search bar with the placeholder "Search..." and a magnifying glass icon. Below the search bar is a list of items with plus signs next to them:

- Mos Eisley Trip
- Character
- Luke Skywalker** (highlighted in orange)
- Obi-Wan Kenobi
- Location

Digital Mockup — Task 1

Changed Sidebar Category

The image shows a digital mockup of a character profile for "Luke Skywalker" in a notes application. The title bar reads "Mos Eisley Trip". The toolbar includes icons for font style (script, bold, italic), alignment, and a search bar. The sidebar on the right lists categories and their sub-items:

- Search... (with magnifying glass icon)
- Mos Eisley Trip (with add icon)
- Character (with add icon)
- Location (with add icon)
 - Mos Eisley Spaceport

The main content area displays the following information for Luke Skywalker:

- Luke Skywalker** (with edit icon)
- Aliases**
 - Luke
- Background**

A whiny brat who thinks he's entitled to everything. Hangs out with [Obi-Wan Kenobi](#).
- References**
 - [Luke Skywalker](#) and [Ben Kenobi](#) decided to go to the local spaceport...
 - ...at home, [Luke](#) asked [Ben](#) what he should do about the...

Digital Mockup — Task 1

Switched to Mos Eisley Page

The image shows a digital note-taking application interface. At the top, there is a dark header bar with the title "Mos Eisley Trip". Below the header is a toolbar with icons for bold (B), italic (I), and other text styles. To the right of the toolbar is a search bar labeled "Search..." with a magnifying glass icon. Further to the right are icons for a pencil, a location pin, and three vertical dots for more options. The main content area contains the following text:

Mos Eisley Spaceport (link)

Aliases

- wretched hive of scum and villainy

Description

The place to go for pilots looking for less-than-legal work.

References

...local spaceport, [Mos Eisley](#), to find a pilot.

...a more [wretched hive of scum and villainy](#).

Digital Mockup — Task 1

Used Text Reference in the Wiki

The image shows a digital workspace interface. On the left, there's a text editor window titled "Mos Eisley Trip". The toolbar above the editor includes icons for bold (B), italic (I), and other text styling. The main content area contains two paragraphs:

I seen a more wretched hive of scum and villainy."

So they turned around and went home.

Below this, the title "Chapter 2" is visible. To the right of the text editor is a sidebar with the following elements:

- A search bar with placeholder text "Search..." and a magnifying glass icon.
- A list of items under "Mos Eisley Trip":
 - Chapter 1 (highlighted in orange)
 - Chapter 2
- Three vertical dots at the top right of the sidebar.

Digital Mockup — Task 1

Used Top-bar Navigation

The image shows a digital interface with a dark background. At the top, there is a navigation bar with icons for font style (script, bold, italic), alignment (left, center, right), and other document controls. The main title "Mos Eisley Trip" is displayed in a large, bold font. Below the title, the page content is organized into sections: "Mos Eisley Spaceport" with a small edit icon, "Aliases" (with a bullet point: "wretched hive of scum and villainy"), "Description" (with the text: "The place to go for pilots looking for less-than-legal work."), and "References" (with two items: "...local spaceport, [Mos Eisley](#), to find a pilot." and "...a more [wretched hive of scum and villainy](#)."). To the right of the main content area is a sidebar with a search bar labeled "Search..." and a magnifying glass icon. The sidebar also lists recent or related entries: "Mos Eisley Trip" (with a plus sign), "Character" (with a plus sign), "Location" (with a plus sign), and "Mos Eisley Spaceport" (which is highlighted in orange).

Task 2

Digital Mockup — Task 2

Starting from Story

Mos Eisley Trip

Chapter 1

Luke Skywalker and Ben Kenobi decided to go to the local spaceport, Mos Eisley, to find a. The trip to the port was uneventful. As they arrived, Ben exclaimed "Never before have I seen a more wretched hive of scum and villainy."

So they turned around and went home.

Chapter 2

Back at home, Luke asked Ben what he should do about the cute girl he had met in school previous day, but Ben seemed to not want to talk about it.

Search...

Mos Eisley Trip

Chapter 1

Chapter 2

Digital Mockup — Task 2

Followed Link to Obi-Wan's Page

The image shows a digital mockup of a web browser window. The title bar reads "Mos Eisley Trip". The main content area displays a character profile for "Obi-Wan Kenobi". The profile includes sections for "Aliases" (Ben, Old Ben, Ben Kenobi, Obi-Wan), "Background" (described as a wise old man who seems to know a thing or two), and "References" (links to Luke Skywalker and Ben Kenobi). A sidebar on the right lists "Mos Eisley Trip" (Character, Location), "Character" (Luke Skywalker, Obi-Wan Kenobi), and "Location" (Mos Eisley Trip).

Mos Eisley Trip

Obi-Wan Kenobi

Aliases

- Ben
- Old Ben
- Ben Kenobi
- Obi-Wan

Background

A wise old man who seems to know a thing or two.

References

Luke Skywalker and Ben Kenobi decided to go to the local spaceport...

...they arrived, Ben exclaimed "Never..."

...Luke asked Ben what he should do about...

Search...

Mos Eisley Trip Character Location

Character Luke Skywalker Obi-Wan Kenobi

Location Mos Eisley Trip

Digital Mockup — Task 2

Followed Link to Luke's Page

The image shows a digital interface for a character profile. At the top, the title "Mos Eisley Trip" is displayed above a toolbar with icons for font style (script, bold, italic), alignment, and other document functions. To the right of the toolbar is a search bar labeled "Search..." with a magnifying glass icon. Below the search bar is a sidebar containing a list of entities and their types: "Mos Eisley Trip" (Location), "Character" (Character), "Luke Skywalker" (Character, highlighted in orange), "Obi-Wan Kenobi" (Character), and "Location" (Location). The main content area features a card for "Luke Skywalker" with the name in large letters, an "edit" icon, and a "trash" icon. Below the name is a section titled "Aliases" with a single entry: "• Luke". A "Background" section follows, describing Luke as a "whiny brat who thinks he's entitled to everything. Hangs out with Obi-Wan Kenobi." A "References" section contains two entries: "Luke Skywalker and Ben Kenobi decided to go to the local spaceport..." and "...at home, Luke asked Ben what he should do about the...".

Digital Mockup — Task 2

Go to Story

The image shows a digital mockup of a story editor application. The title bar reads "Mos Eisley Trip". Below the title bar is a toolbar with icons for font style (script, bold, italic), alignment, and other document controls. The main content area contains two chapters:

Chapter 1

Luke Skywalker and Ben Kenobi decided to go to the local spaceport, Mos Eisley, to find a. The trip to the port was uneventful. As they arrived, Ben exclaimed "Never before have I seen a more wretched hive of scum and villainy."

So they turned around and went home.

Chapter 2

Back at home, Luke asked Ben what he should do about the cute girl he had met in school previous day, but Ben seemed to not want to talk about it.

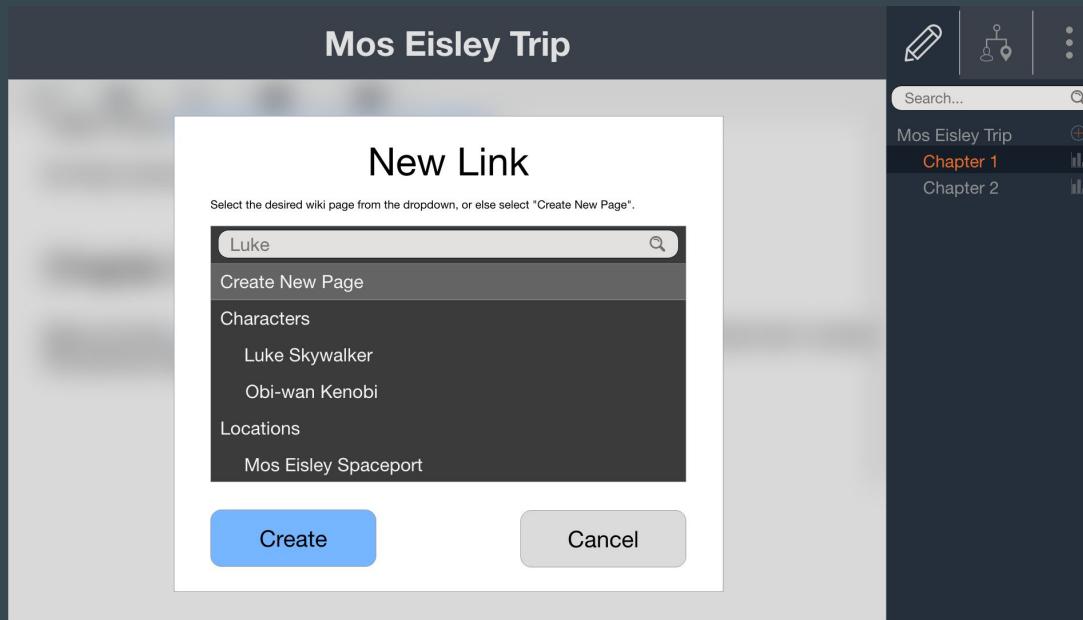
On the right side of the screen is a sidebar with a search bar and a list of chapter outlines:

- Mos Eisley Trip
- Chapter 1**
- Chapter 2

Icons for edit, location, and more options are also present in the sidebar.

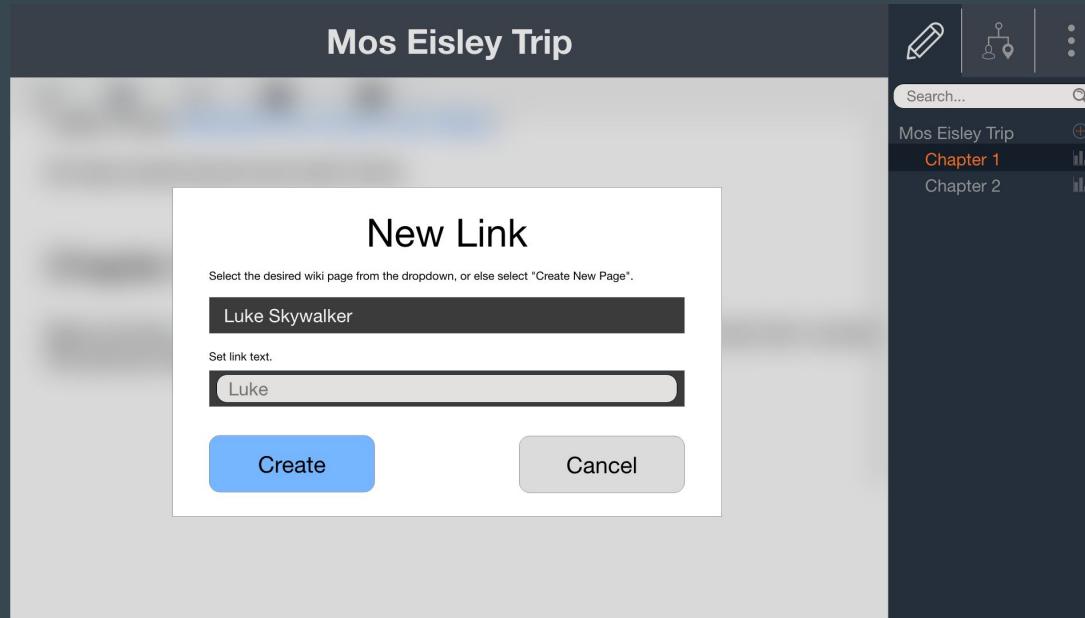
Digital Mockup — Task 2

Formed Link from Selected Text



Digital Mockup — Task 2

Selected “Luke Skywalker” Page in Dropdown



Summary

- Less is more
- Colors are hard
- Can't force design patterns
- Icons are easy to get wrong