UB Transfer Matrix

Team Melo

SPP5: Low-Fi Prototyping

Problem/Solution Overview

Many users faced challenges when using the University of Belize's existing transfer matrix. Its inefficiency and poor navigation cause confusion and delays for students trying to transfer credits from other institutions. Melo aims to address all these issues by recreating the transfer matrix to be more streamlined and user-friendly. This will help students navigate the transfer process more effectively, make informed academic decisions, and reduce the workload for university staff, ultimately improving the overall process.

Mission Statement

Melo is dedicated to improving the usability and accessibility of the University of Belize's transfer matrix, ensuring that students can efficiently navigate and manage their course transfers with ease and confidence.

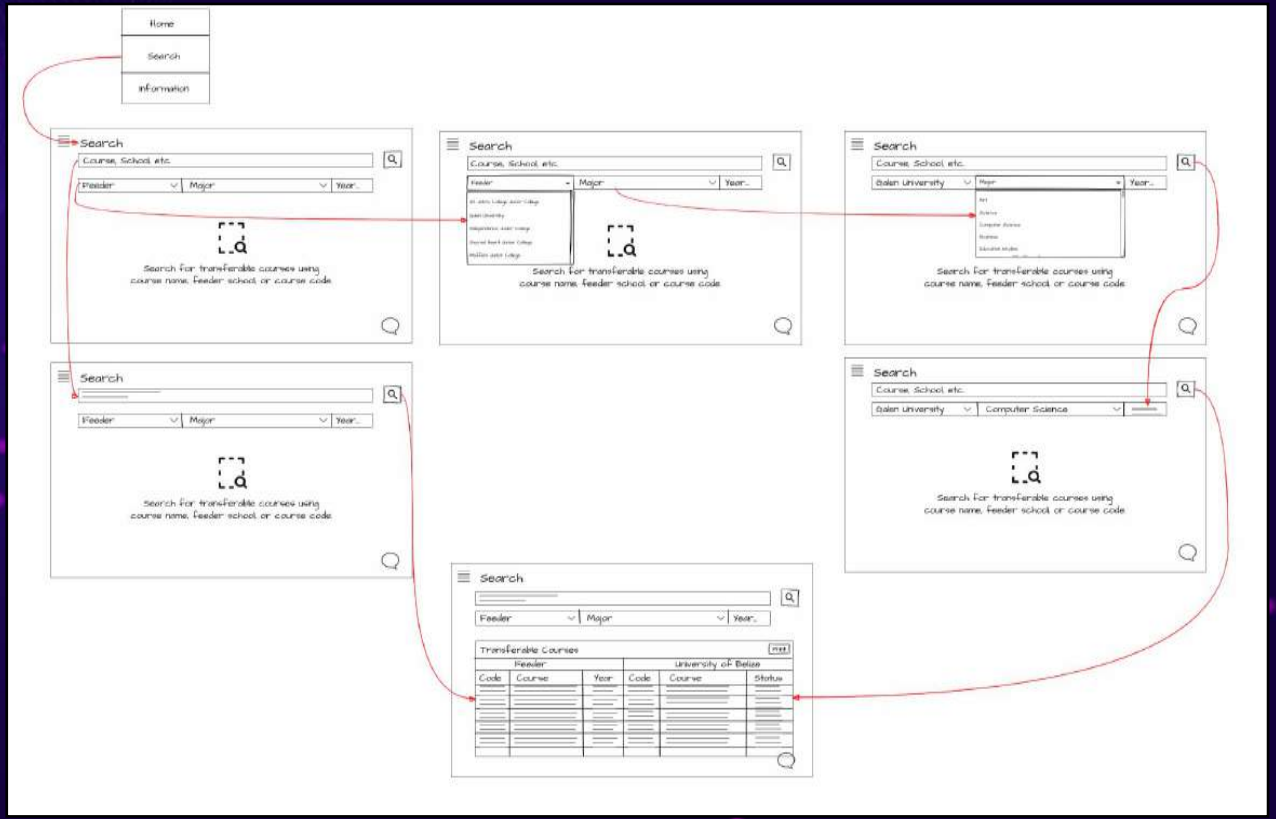
Value Proposition

Melo provides a simplified and intuitive interface for displaying transfer data at the University of Belize, helping students easily interpret and compare their course options for a smoother academic planning experience.

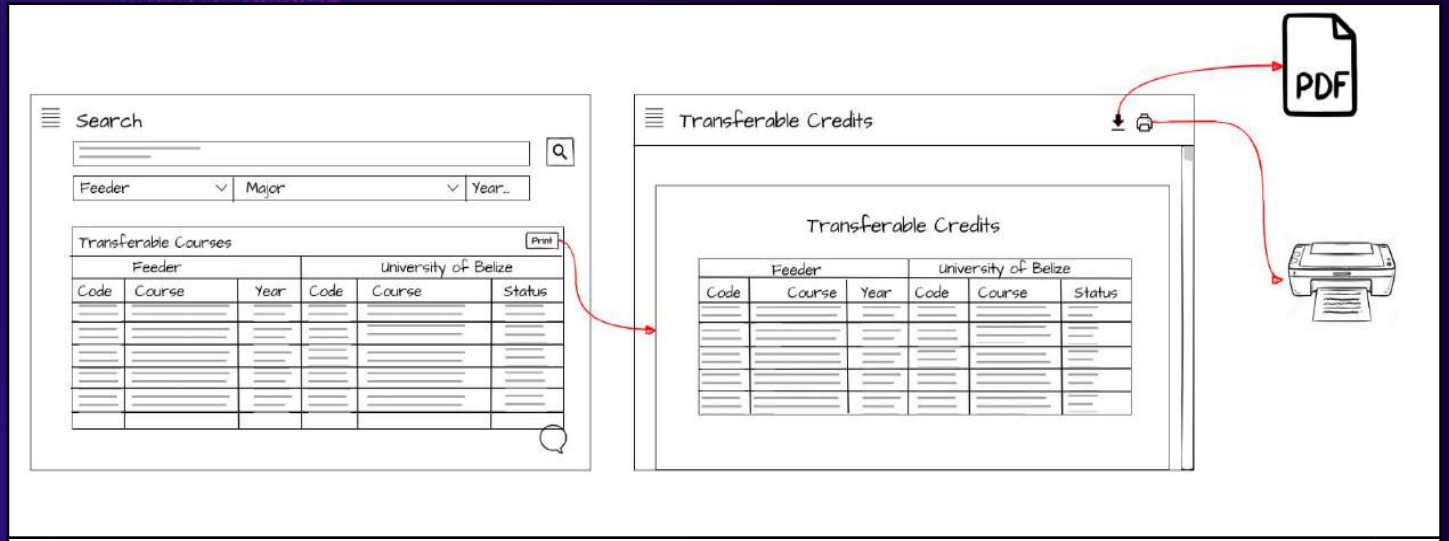
SELECTED DESIGN FEATURES

Specific Search	Users can search for specific courses or institutions
Search by Filters	Users can narrow down their search by selecting from dropdown menus such as feeder school and major, or by typing and selecting options from these dropdowns.
Email/Message Registrar for Help	Users can quickly compose and send inquiries or requests for assistance to the registrar.
Print Results	Users can print or save their results as a PDF for future reference or sharing.

SELECTED INTERFACE & RATIONALE



- More Intuitive & Efficient For User Interaction
- Clean User Interface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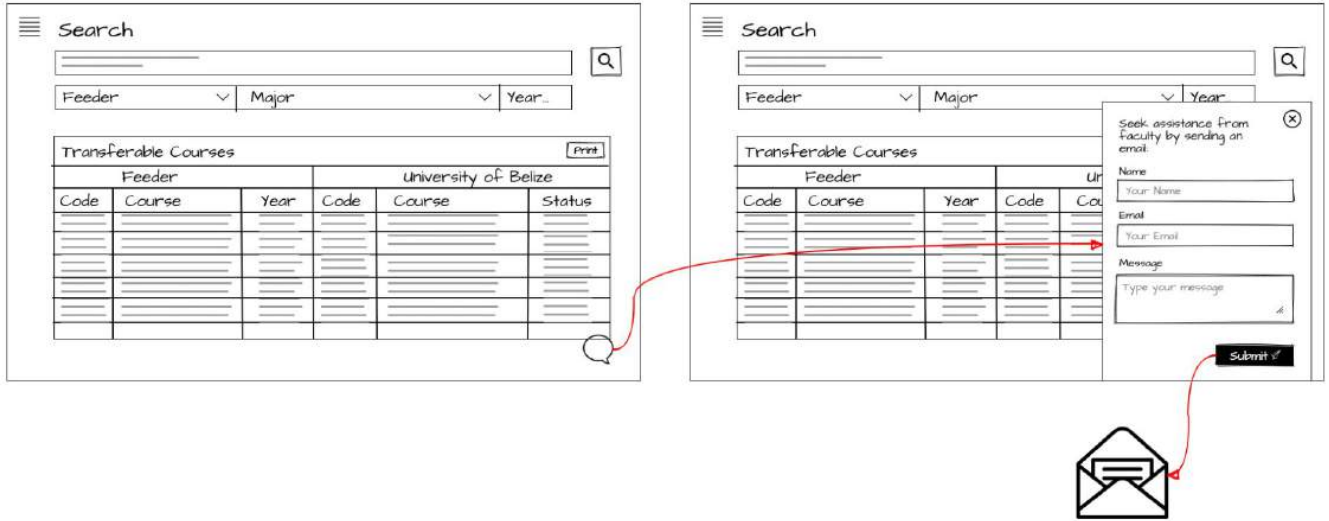
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Seek assistance from faculty by sending an email.
Name
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Message
Type your message
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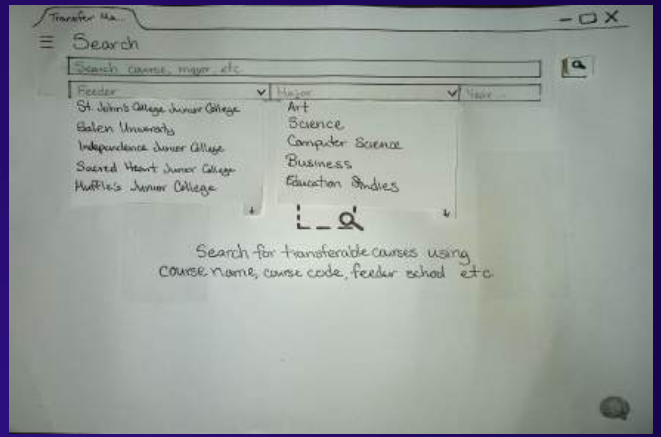
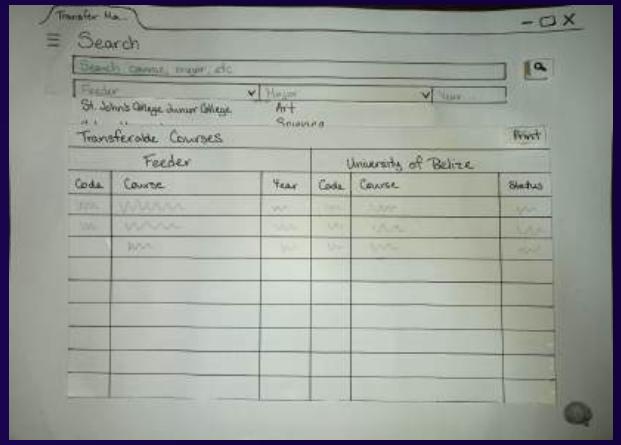
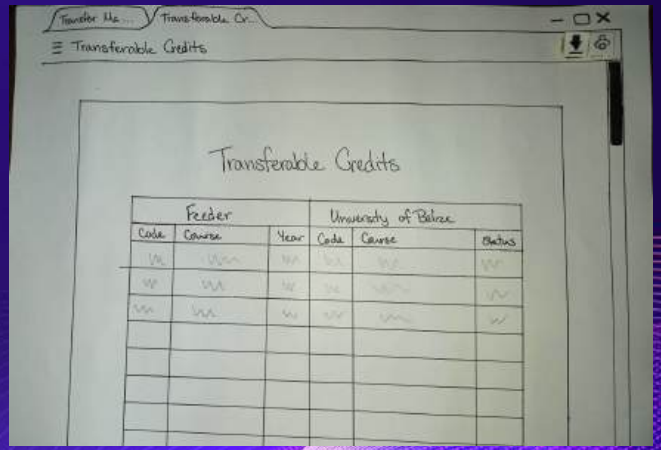
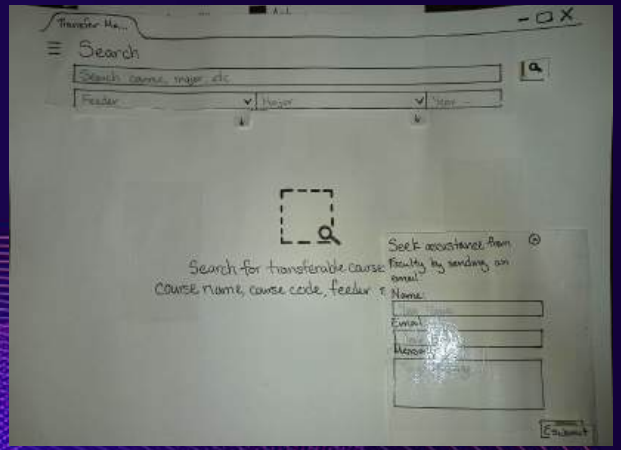
LOW-FI PROTOTYPE STRUCTURE



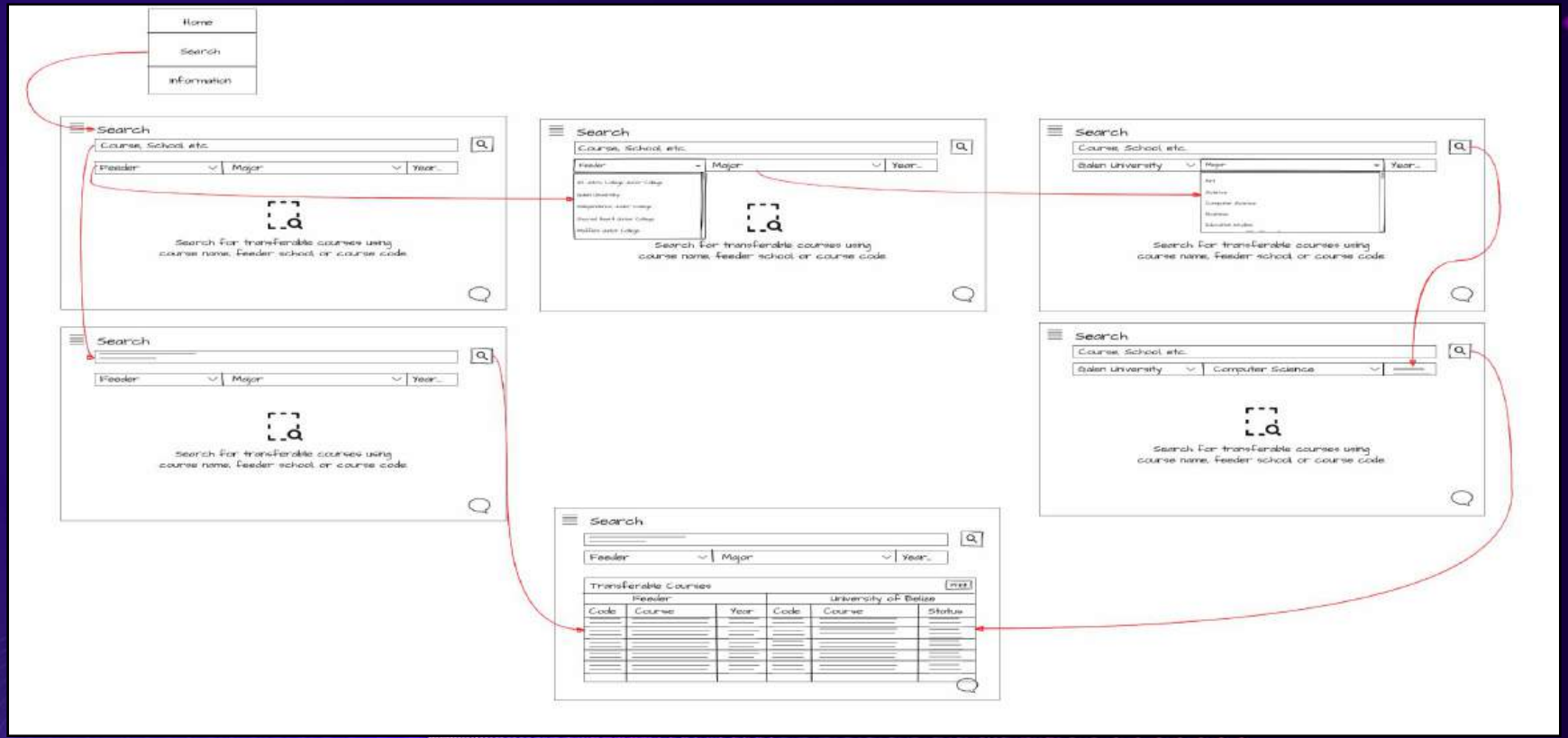




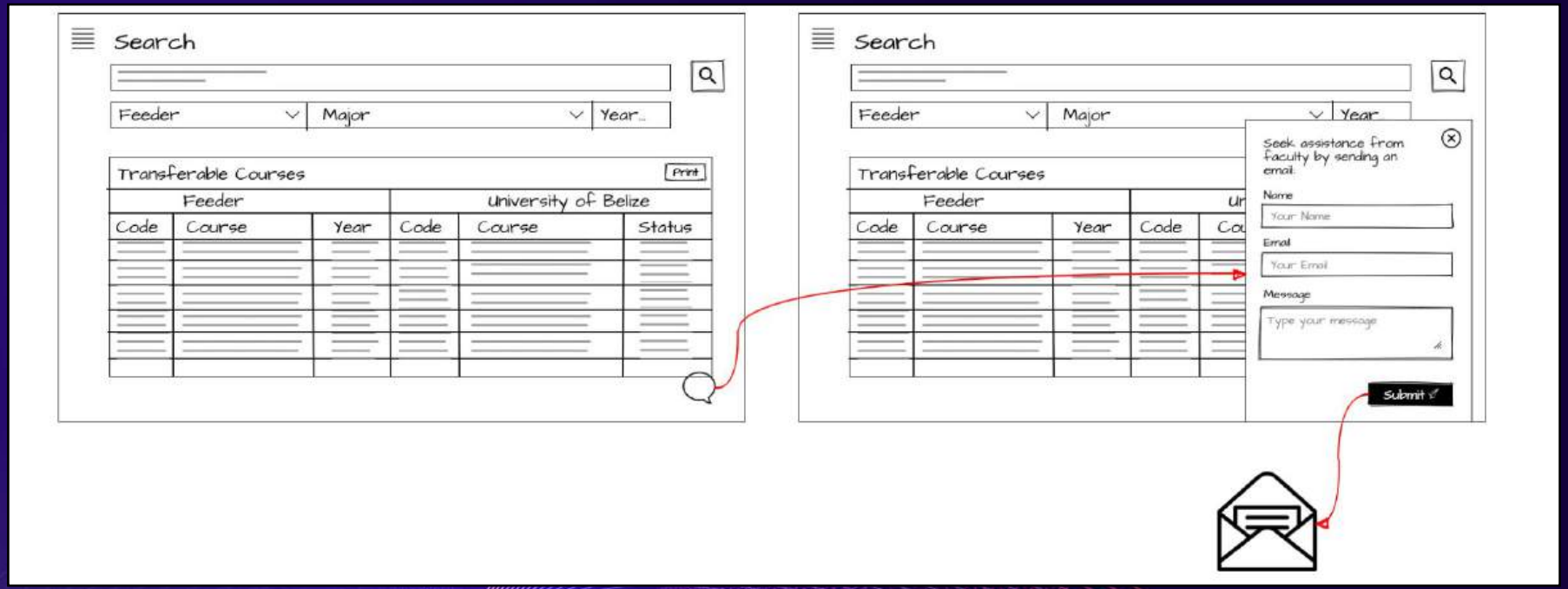


TASKS &
TASK FLOWS

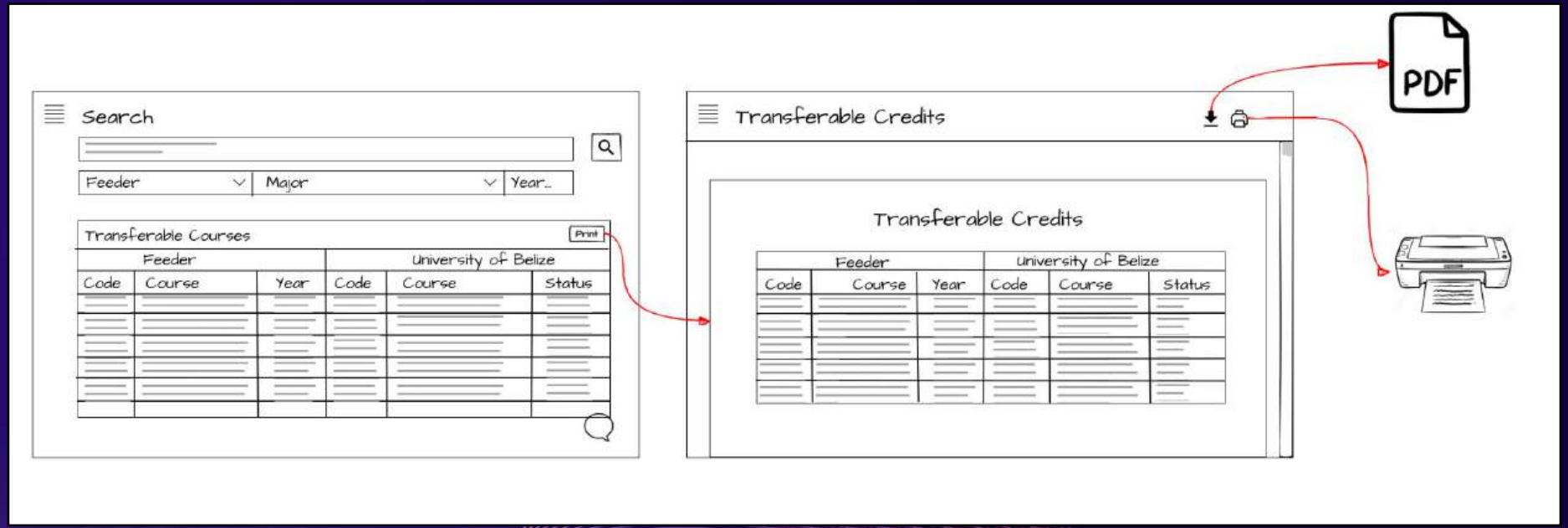
TASK 1: SPECIFIC SEARCH & FILTER SEARCH



TASK 2: EMAIL/MESSAGE REGISTRAR FOR HELP

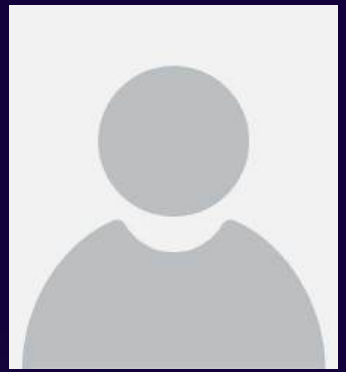
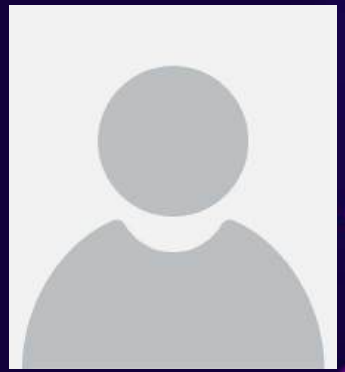


TASK 3: PRINT RESULTS/FINDINGS



EXPERIMENTAL METHOD

The participants for this experiment were selected at random at the University of Belize, Belmopan campus.

Participant #1	Participant #2	Participant #3	Participant #4
			
UB Student	UB Student	UB Student	UB Student

EXPERIMENTAL METHOD

The prototype testing was conducted at multiple locations on the Belmopan campus to provide a diverse and realistic environment for participants.

The participants were tested based on these tasks:

- Perform a specific search
- Perform a filter search
- Request for assistance by Email/Message
- Print results/findings

EXPERIMENTAL Results(Timing)

TASKS	Participant #1	Participant #2	Participant #3	Participant #4
Specific Search	00:10	00:25	00:15	00:08
Search by filters	00:30	00:35	00:37	00:26
Email/Message for assistance	00:12	00:10	00:08	00:07
Print results	00:30	00:12	00:13	00:14

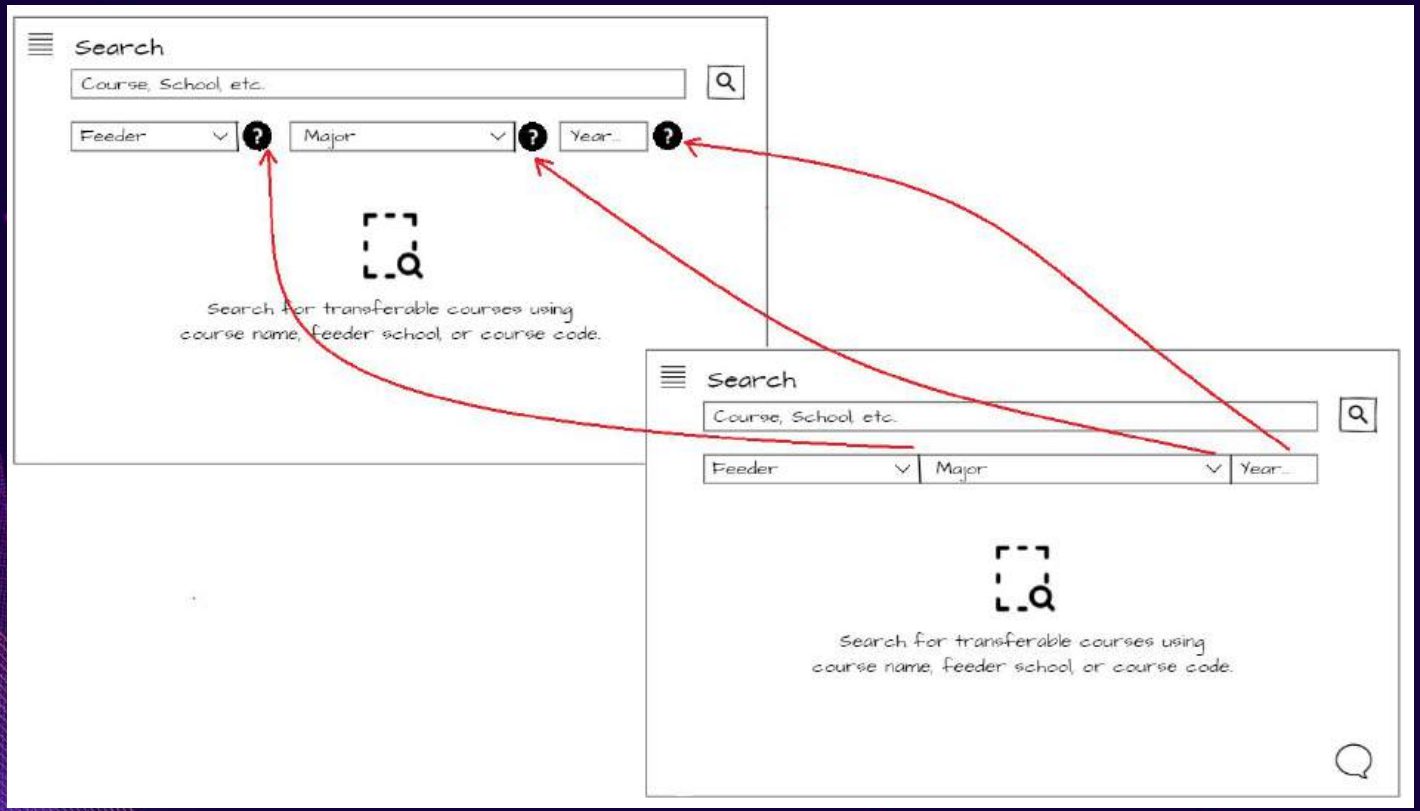
Experimental results

- All four participants completed the tasks successfully
- When shown the previous transfer matrix, they were eager to test the updated matrix
- “It would be nice if you could customize the report” = Participant 2
- “The filter’s are great but maybe they could be integrated into the general search” - participant 3
- “It looks and navigates so much nicer than the previous matrix” - participant 4
- “The print feature is a bit confusing” - participant 1
- Most participants were able to navigate through the prototype with ease.
- Participant 1 had issues locating the and using the print feature, however it may due to external factors

Suggested UI changes

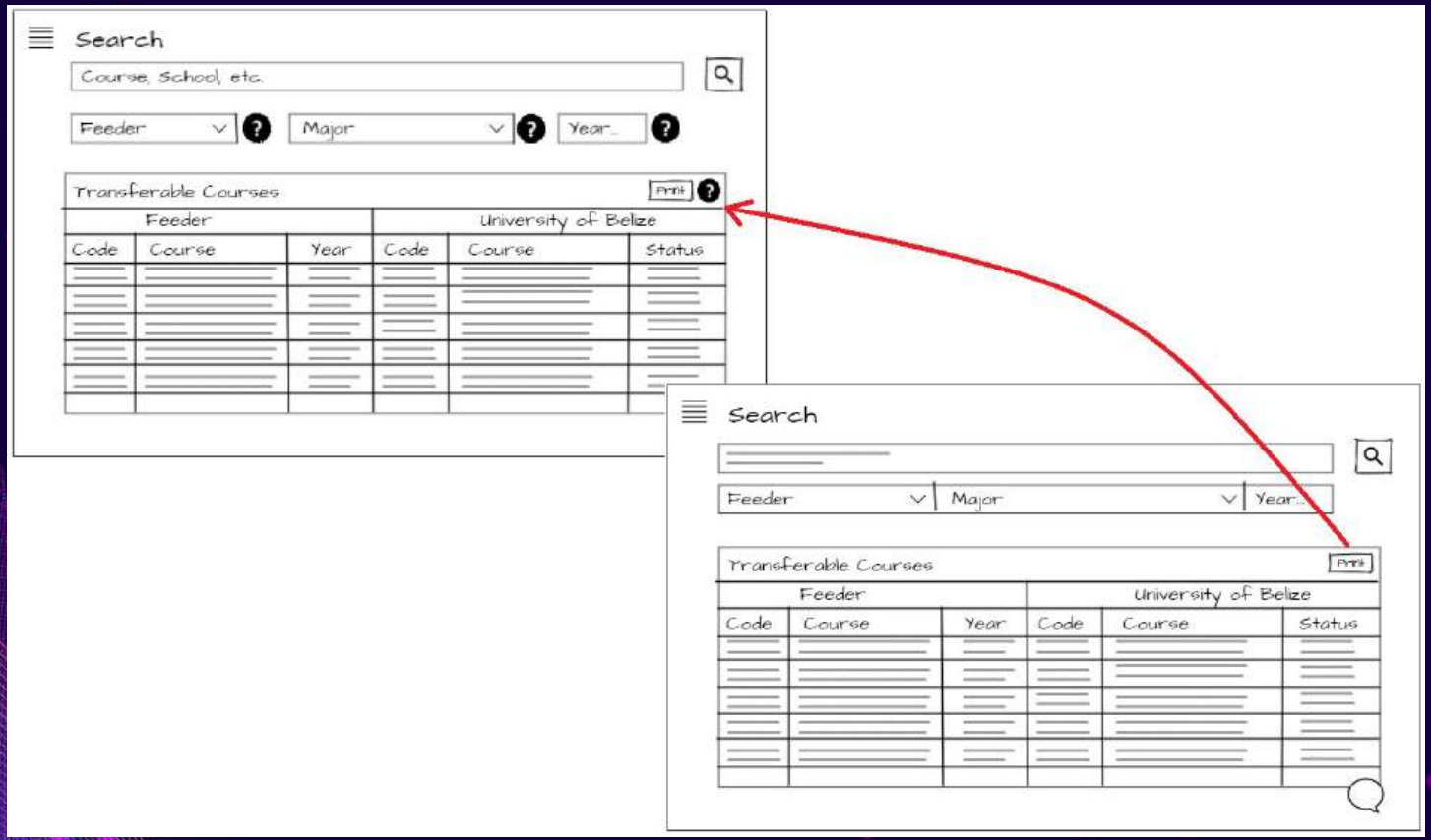
Having some tooltips around the UI and buttons would increase usability and learnability

Improvements



When hovered there will be provided information of what the fields are.

Improvements



When hovered there will be provided information of what the fields are.

Summary

- Most participants were able to navigate through the prototype's features with ease
- Only 1 participant had trouble using a feature, but it was likely due to our group testing for the first time
- When shown the previous transfer matrix, all participants mentioned that the new UI looks much better than the previous ones
- They also mentioned that a more indepth search, and real-time table updates were a much better way than switching between pages, improving efficiency
- Overall the pilot testing was a success which also gave us valuable feedback for improving our user interface.