



Bachelor of Information Technology

School of IT

ID7502 – Human Computer Interaction

Assignment 2 &3

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Due Date: Friday 11th June 2021

Table of Contents

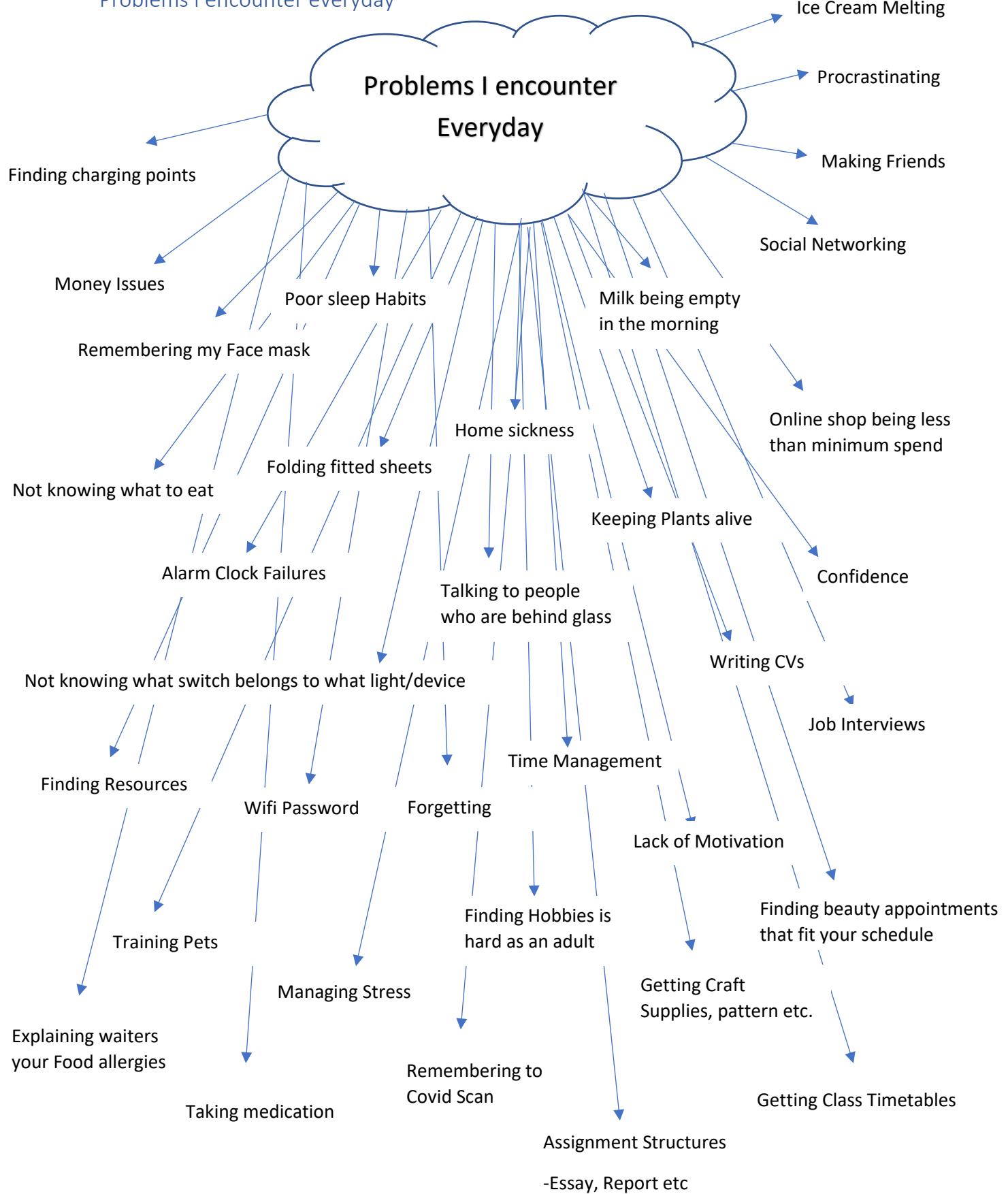
Considering Problems	5
Problems I encounter everyday	5
Chosen Problem to Explore: Finding a Hobby as an adult.....	6
Observations of Problem	6
Interview with Rhiannon Williams.....	6
Interview with Christina Holmes.....	7
Questionnaire	8
Questions	8
Responses	9
Observation.....	13
Personas.....	15
Rhiannon Williams	15
Michelle Holmes	16
Christina Holmes	17
User Story.....	18
Background Research.....	18
Wiki How	18
Creator Cue	22
Creative Bug.....	25
App Requirements and Goals	29
Goal	29
Functional Requirements.....	29
Non-Functional Requirements.....	29
Identifying User Group.....	30
How to Test	30
Heuristic Evaluation	30
Goal Evaluation	31
Design Evaluation.....	32
Prototypes.....	36
Prototype 1	36
Prototype 2	36
Prototype 3	37
Testing.....	38
Prototype 1	38
Prototype 2	44
Prototype 3	48
Design Evaluation.....	51
Evaluation	53

Development Plan.....	54
The Problem.....	54
Questionnaire	55
Questions	56
Results and Findings.....	57
What's next?	61
The Users.....	62
Interviews.....	62
Summary of Open Interview with Sue	62
Summary of Open Interview with Gordon.....	62
Conclusion.....	62
Observation.....	63
Observation of Gordon and Michelle Hobby Supply storage	63
Observation of Gordon 3D Printing	65
Conclusion.....	65
Personas.....	66
Someone wanting to start a hobby who doesn't know where to start.....	66
Someone who already has a hobby but is running into hobby related money issues	66
Background Research and the platform	67
Tactile Hobby	67
How to find a hobby as an adult blog page	67
Explore page.....	71
Miniature Painting	72
2021 Gift Guide	72
Sortly	73
Dashboard.....	73
Available Items.....	74
Goals	75
User Requirements	75
Design Ideas	76
Navigation	76
Explore	76
Hobby Information pages	78
Community.....	79
My Dash	79
Inventory	80
Usability goals and Functional goals	81
Usability Goals.....	81
Empathy Map.....	82

Testing Framework	83
Heuristic Evaluation	83
Usability Evaluation.....	84
Design Evaluation.....	86
Initial Prototypes.....	90
Explore	90
Hobby Card	91
Communities.....	92
My Dash	93
My Inventory.....	94
Suppliers.....	95
Testing.....	96
Heuristic Evaluation	96
Usability Evaluation.....	97
Design Evaluation.....	100
Testing Framework	103
Design Evaluation.....	103
High Fidelity Prototypes.....	104
Explore	104
Hobby Card	106
Communities.....	110
My Dash	112
My Inventory.....	115
Suppliers.....	118
Testing.....	120
Heuristic Evaluation	120
Usability Evaluation.....	121
Design Evaluation.....	124
Evaluation	125
Development Plan.....	125

Considering Problems

Problems I encounter everyday



Chosen Problem to Explore: Finding a Hobby as an adult

My chosen problem to explore is finding a hobby as an adult. Before I set goal, make any decisions, or prototype a solution I will interview other people who have hobbies and people who are looking for a hobby. In doing so I will see what issues they are facing and why they do what they do. I will also observe people trying a new hobby and create questionnaire to see if anyone else have issues in finding a hobby or if people have any issues they face because of their hobby.

Observations of Problem

Interview with Rhiannon Williams

I wanted to interview Rhiannon as she is someone that has a lot of hobbies that keeps her busy. I wanted to know how she got started with her hobbies in particular her crochet hobby I wanted to see what she does, how she does it and why. I also want to know if there are any issues she faces due to her hobby.

Age: 21

Craft Hobbies: Crochet

Other Hobbies: Morris Dancing Biking

When did they start your craft hobby? Age 9

Why did they start? Grandma knits and Mum Crochets. They both wanted her to learn these skills. Crochet stuck as her brother brought her a how to book for her 10th birthday

Why do you still Crochet? Enjoyment, Relaxing, it is easy to do and is portable. She can pack her projects in her handbag so she can crochet on the train, in class etc.

How often do you Crochet? At least an hour a day

Where do you get your supplies? Local craft store

Do you know if you are getting the best value of supplies for money you spend? No, she just buys what is available at local craft store

How do you come up with ideas for craft projects? Looking at Ravelry and or having a need for an item e.g. blanket, beanie etc.

Where do you get inspiration from? Ravelry, Pinterest and crochet books

What do you make? “blanket, beanie, poncho, headbands, really anything that looks fun to me”

Do you follow patterns? yes

Where do you get your patterns? crochet books and online from general google searches

Is this a hobby or a job? hobby

Do you sell your crafts? No

Do you do orders on Request? Only for friends and family

Any issues you face regarding crafting? Money and lack of time

From having the interview with Rhiannon, I found out the following: she started crocheting during her childhood due to her family's influence. She continues to crochet now at least an hour day for relaxation, enjoyment, and fact she can do it anywhere anytime. She makes a variety of thing (blankets, beanies, ponchos, headband) depending on what is needed or wanted by herself, friends, and family. She get inspiration from online craft websites (Ravelry) and craft books and get her supplies from local craft stores. the only issue she faces with her hobby is having a lack to

time or money to complete and continue her hobby perhaps the solution could look into ways to save money on suppliers or ways to make money if users could sell their projects

Interview with Christina Holmes

I wanted to interview Christina as she is someone I know who is currently wanting a new hobby. Before acknowledging this issue of finding new hobbies we had talked about wanting to find something to do when our partners were playing video games. From this interview I wanted to see what hobbies she currently has if any and see why she started these hobbies. I wanted to know why she wants a new hobby and what she is interested in. I also wanted to know what is stopping her and how she is going about finding a new hobby.

Age: 24

Craft Hobbies: none but she wants to start a new hobby that she can do at home whilst Stanley is doing his own thing

Other Hobbies: Gaming, Biking, Rollerblading, Dog Walks, Live Music

When did they start your hobbies? Gaming a few months ago, biking only recently, dog walks when she got her first dog poppy in 2014, Rollerblading when she was 3 but restarted last year during lockdown and attending live music concerts started when she was 11.

Why did they start? Biking and rollerblading started because “Santa” brought me them and rekindled biking and rollerblading due to nostalgia and wanting a fun way to get fit. Dog walking just happen because of necessity from being a dog mum to poppy and now albert. Gaming started as something to do when Stanley is doing his own thing, but she want to find something else to do that isn’t on a screen

What do you think stopping you from starting something new? “I’m not very creative I don’t want to start something I know I will fail” “I also don’t know what I want to do or where to start”

What are you looking to do? “I don’t know I like home décor I watch a lot of YouTube about home décor and home renovations but I don’t know I don’t think I would be good at it and if I do make anything myself it won’t be perfect and I want to keep it. It will be a waste of money and time”

Where are going to seek out new hobbies? “The internet well YouTube and I talked to you about making candles” “but I don’t like spending all my time researching that bores me” “it not as easy as it was in school to start new hobbies or try something new as there is not as many opportunities given to me anyway since I am now working and paying for everything myself”.

Do you think an app that gave you estimated cost time etc would help you consider making décor of your own?

Yes

From having the interview with Christina, I found out the following: She has a few outdoor hobbies that she does due to nostalgia and necessity as well as gaming, but she is wanting to get a new hobby that she can do at home that doesn’t involve a screen. She is interest in home décor and home renovations and knows where she could find related DIY tutorials on the internet and more specifically YouTube. However, she hasn’t given anything a try because of her fears of failing she also doesn’t want to waste her time looking for tutorials or money on hobbies that don’t turn out as planned. Considering this I thought perhaps the solution could be an app that has all the information needed for each hobby and give estimated time and cost so users can make informed decisions on starting hobby

Questionnaire

Made on Google Drive <https://forms.gle/cpnAhfyFtSvhGT27>

Questions

Do you have any hobbies? Yes / No If no do you find it hard to find a hobby you like? Yes / No

If so, why – what makes it hard to find a hobby?

How do find hobbies to explore? _____

What's your experience with hobby finding?

What are your hobbies? _____

When do you start your hobby? _____

How did you start your hobby? _____

Why do you enjoy your hobby? _____

Is there anything you struggle with regarding your hobby?

Are any of your hobbies Crafts? Yes / No

If yes

Do you find getting supplies easy? 1. Very Easy 2. 3. 4. 5. Very Hard

What makes finding supplies easy/hard? _____

Where do you get your supplies? _____

Do you follow instructions or patterns? Yes / No

Where do you get your instruction or patterns? _____

On average how much are your instruction or patterns? _____

Where do you get inspiration from? _____

Are there any issues you face whilst crafting? Yes / No If yes, please explain

Would you like to sell your crafts? Yes / No

If yes,

Do you sell your crafts? Yes / No

If yes

How easy is it to sell your crafts?

1. Very Easy 2. 3. 4. 5. Very Hard

What makes selling hard/easy?

Where do you sell your crafts?

**Do you do market research? If yes
how?** _____

Do you take order request? Yes / No

Do you market your crafts? Yes / No

If so, how? _____

If no

What is stopping you from selling ?

Will you take order request? Yes / No

Any other comments:

Responses



Hobbies - Google
Forms.pdf

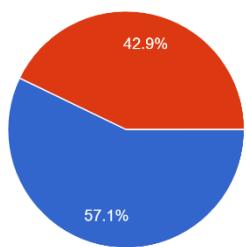


Hobbies.csv

Please note due to small sample size this isn't necessarily a true representation

Do you have any hobbies?

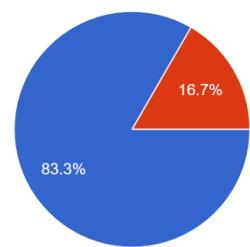
14 responses



Do you find it hard to find hobbies you like?

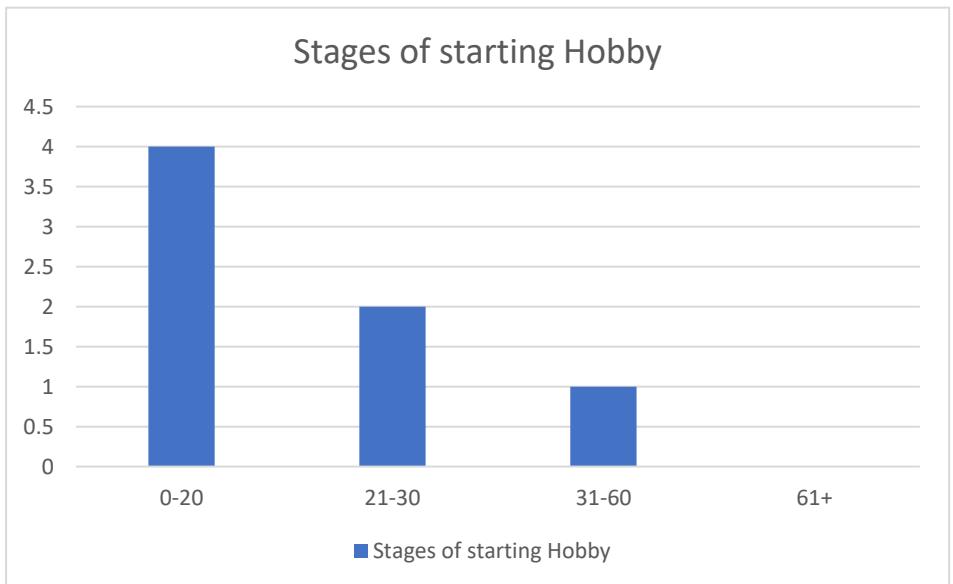
6 responses

● Yes
● No



What are people's hobbies?

- Reading
- Crochet
- Cricket
- Drawing
- Playing piano
- Writing
- Card making
- Music
- Computers
- VR
- Lego
- 3d printing
- Plants
- Cooking
- BBQ



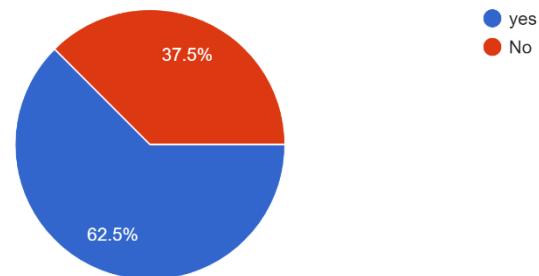
Candle Making

What makes it hard to find a hobby?

- Lack of opportunities x2
- Lack of money x2
- Unsure on what to try

are any of your hobbies a craft of some kind?

8 responses



How did people start their hobby?

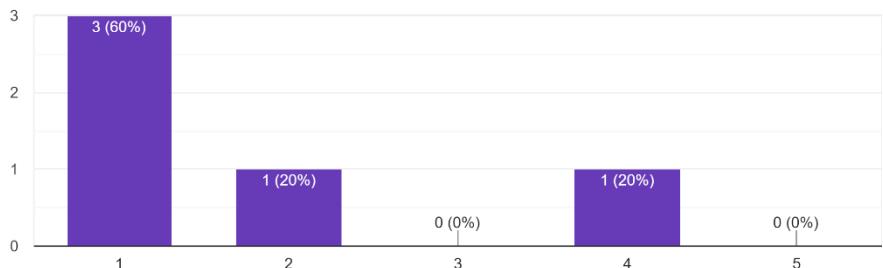
- Book recommendations x3
- School
- Teaching themselves
- Out of nowhere
- Music lessons x2
- YouTube
- Internet

Why do people enjoy their hobby?

- Relaxation x4
- Something other than study
- Makes them feel free
- Creative Expression
- Mental Health

Do you find getting supplies easy

5 responses



What makes it hard to find a hobby?

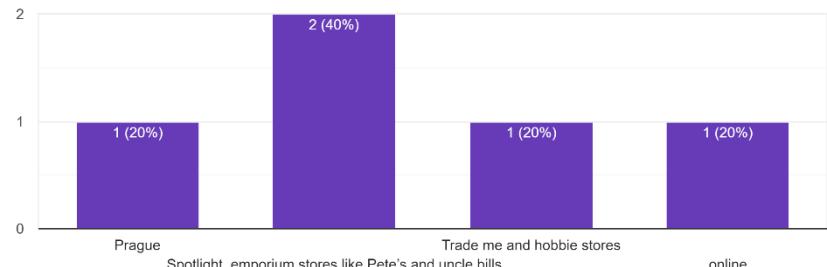
- Lack of opportunities x2
- Lack of money x2
- Unsure on what to try

What struggles are there regarding people's hobby?

- Time management X3
- Resource management
- Complexity of books make reading hard
- Lack of money x2
- Sourcing supplies that aren't available locally

Where do you get your supplies?

5 responses



What makes finding supplies easy or hard?

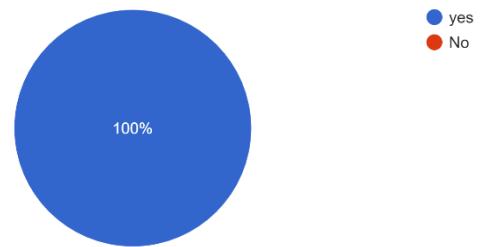
- Local stores have supplies
- Local stores are out of stock on specific products
- Must buy only as local stores do not hold supplies
- Only option is international suppliers

Where do people get their instruction/ patterns from?

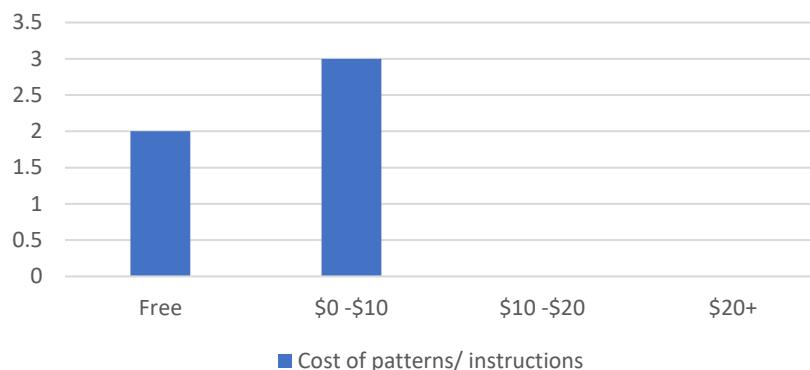
Ravelry
Google
Books
YouTube X3
Thingiverse
Craft websites

Do you follow instructions or patterns

5 responses



Cost of Patterns/ Instructions



Where do people get inspiration from?

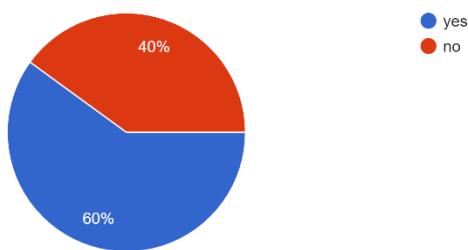
Friends and family
Solution to a problem
Instagram
YouTube

What issues are people faced whilst crafting?

Supplies failing – e.g. yarn splitting
Lack of time
Making craft specific calculations – e.g. Calculating wick sizes

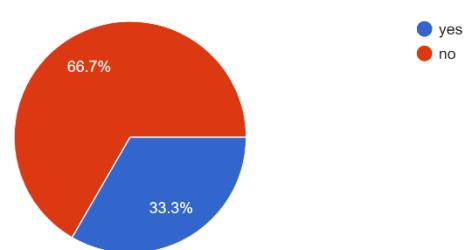
Would you like to sell your crafts?

5 responses



Do you sell your crafts

3 responses



What is stopping people from selling?

Study
Money

Will people take order request?

Yes x3
No x1

From having people fill in this questionnaire I learnt the following: A lot of people do have a hobby or multiple hobbies even however most of these people started their hobbies whilst in school and when they were younger. These people were introduced to their hobbies through recommendations, school, and lessons and on their own

from YouTube the internet. The people who don't have a hobby seem to not be given as many opportunities to try out different things or have money issues or simply just don't know what to try. These are the reasons for not currently having hobbies. People with hobbies however can face struggles due to their hobbies. Struggles such as money issues, time management, resource management, or supplier issues. Therefore, perhaps the solution could give recommendation of hobbies and have a way to save money with supplies or ways to make money if users could sell their projects. The solution could also have a way of managing resources and time or at least try save the user time in finding and managing their hobbies.

Observation

Below is my observation photos, video clip and notes from seeing Rhiannon create her first ever candle



Figure 1 Where would you get supplies from?



Figure 2 Where would you get instructions from



Figure 3 Gluing Wicks down



Sticking down
wicks.mov



Figure 4 Measuring out wax



Figure 5 Taking 1st temp



taking first temp
.mov



Figure 6 Mixing



mixing.mov



Figure 7 Taking 2nd Temp



taking second temp .mov



mixing 2.MOV



adding scents .MOV



adding scents 2.MOV

Figure 8 Taking 3rd Temp



taking 3rd temp .mov



pouring wax 2.MOV



pouring wax.MOV

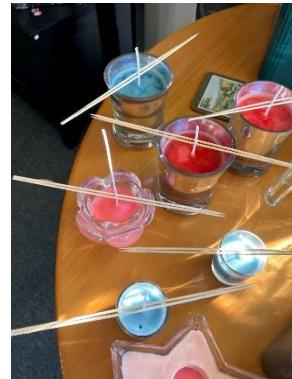


Figure 9 Centring Wicks

Figure 10 Candles Setting



centering wicks .mov



Whilst watching Rhiannon create her first candle I was seeing someone start my hobby for the first time. From this I learnt the following

- Not everyone knows where to get candle supplies from
- Not everyone knows where to get instructions from
- If you haven't baked before you might not know what double boiling method is
- Pouring isn't as easy for everyone
- Cost are too much for some people to start
- Amount of time you must wait is too much for some people

Figure 11 Trimming Wicks

This means if the solution should have information about supplies as well as time duration and instructions everyone could follow. Perhaps the solution should have multiple different ways to guide people as people learning styles differ. The instruction should also be detailed and specific because not everyone will know everything and some terminally won't be known by everyone



Rhiannon Williams

👤 21

📍 Tawa, Wellington

🏡 Living with Boyfriend

💼 Student

🎓 Bachelor of Information Technology

Bio

Rhiannon is a full-time student at Whitireia Community Polytechnic in Porirua. She is in her final year of study for a Bachelor of Information Technology. She is living in rental home in Tawa with her boyfriend of 2 years. She is currently unemployed but supported with study link. To save money she bikes to school. Rhiannon is a busy lady with study and supporting her friend with child pick up however, in her free time she enjoys a bit of crochet. She also attends weekly Morris dancing classes

Current Hobbies

Morris Dancing Biking Crochet

Wants & Needs

- Access to affordable supplies
- Social outlets
- Confidence boost
- Good physical Health
- Preventative of burnouts
- Destress

Traits

Tech Savvy	★★★★★
Budget Control	★★
Availability	★★★★
Early Adopter	★★★★★

Favourite Brands



*"Crochet is my creative outlet
that is relaxing and bring me happiness.*

*It is second nature to me and easily portable
So, I can do it anywhere any time
– At home, during class, on the train, when waiting,
etc."*



Michelle Holmes

👤 26

📍 Tawa, Wellington

🏠 Living with Boyfriend

💼 Student

🎓 Bachelor of Information Technology

Bio

Michelle is a full-time student at Whitireia Community Polytechnic in Porirua. She is in her final year of her Bachelor of Information Technology degree. She lives with her boyfriend of 4 years in their home in Tawa. She is currently a peer support tutor at Whitireia but is financially supported by savings from previous jobs. In her free time typically, Michelle will be watching YouTube, Netflix, Plex or Disney + or playing on her switch. However occasionally will make candles, go on a bike ride, or bake brownies and cakes.

Current Hobbies

Candle Making Biking Baking Gaming

Wants & Needs

- A way to relax that is cost effective
- Less screen time
- Ways to destress
- Creative outlet
- Brings pride, Happiness, joy,
- Is something to be passionate about
- Something to love

Traits

Tech Savvy	★★★★★★★★★★
Budget Control	★★★★★
Availability	★★★★★★★★
Early Adopter	★★★★★★★★

Favourite Brands



→ NEW ZEALAND ←
CANDLE SUPPLIES
CRAFTED BY HAND & HEART

trademe 

"I Want to find a way to destress that I love and could do on a regularly basis."

I want to be proud and passionate

I need a creative outlet to bring happiness"



Christina Holmes

👤 24

📍 Napier

🏡 Living with Fiancé

💼 Flight Attendant

🎓 Tourism, Airline level 4 certificate

Bio

Chrissy is a full-time Flight attendant for Air New Zealand. She is based in Napier and currently isn't flying instead managing Napier regional lounges. She just moved into her recently brought over upper home with her Fiancé (partner of 9 years) and dog Albert. In her free time typically, Chrissy will be watching YouTube, Netflix, or Disney + or playing on her switch. She also takes Albert on regular walks and spends a lot of time with her mum. Occasionally Chrissy will go rollerblading or go on a bike ride and attend concerts. She loves live music and all animals especially dogs, cats, and bunnies and is interested in home décor.

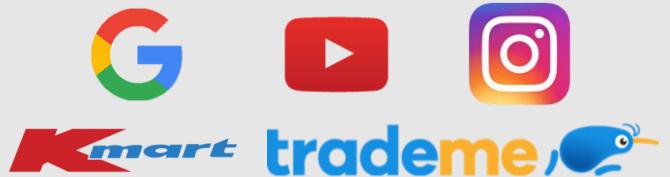
Current Hobbies

Gaming Biking Rollerblading Dog Walks Music

Traits

Tech Savvy	★★★★★
Budget Control	★★★★★
Availability	★★★★★
Early Adopter	★★★★

Favourite Brands



Wants & Needs

- Less screen time
- Ways to destress
- Way to bring Happiness and enjoyment
- Something to love
- Pet friendly activities
- Social outlets
- Confidence boost
- Good physical Health
- Easy way of find hobby

*"I annoy Stanley a lot when he is on his Computer
I want to stop annoying him so he can destress*

*So, I want to find something I enjoy and could do when
he wants to do his own thing*

*However, I have no idea where to start looking for
something I would like to do since I am no longer in
school and what I use to do doesn't bring me joy
anymore"*

User Story

As a student already with hobbies I want a way to save money or make money so that I can continuously cover cost of my supplies.

As someone who wants to find a creative outlet that is fitting to me I want an all in one place that I could go to and find many different types of outlets that has information and guides on each outlet. This is so I can see everything that is on offer and make informed decision on what I would like to start to do.

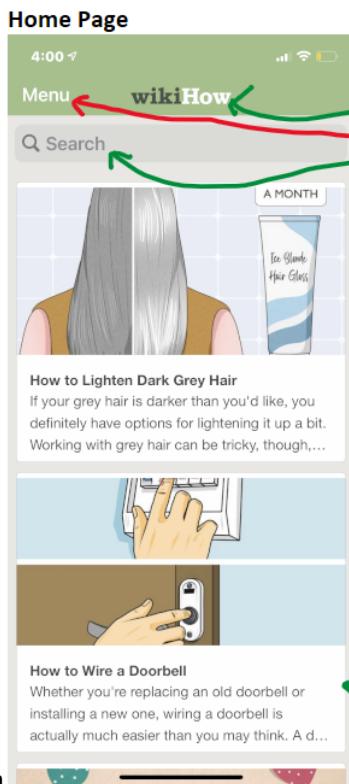
As someone without a hobby I want an easy and stressless way to find hobbies outside of a school setting so I can find something I enjoy doing that doesn't stress me out.

Background Research

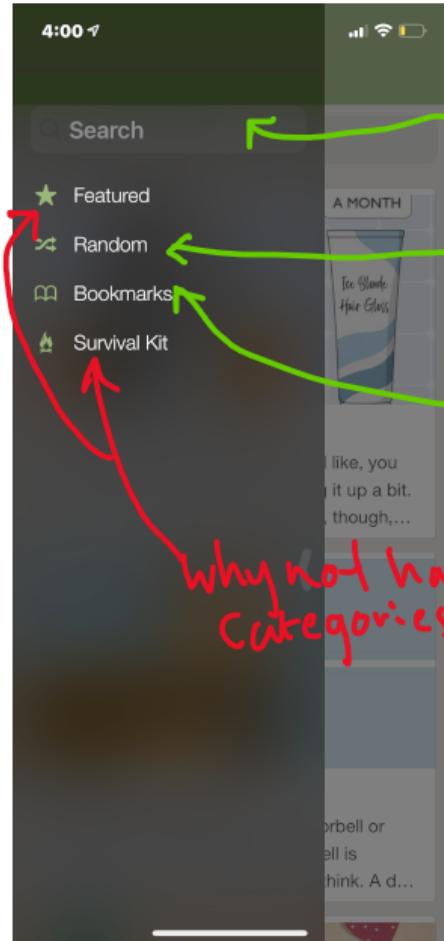
For background research I looked at 3 different craft and guide apps I took notes on each app as shown below. The Green points are aspects I like and red aspects are aspects I didn't like. From looking at these apps I found the following aspects that I would like to try incorporating into my solution:

- 1 Obvious Logo that expands what the app is
 - Easily recognisable icons for menu options
 - Navigation that allows user freedom and control they should be able to go back a step and move around app without frustration
 - Search bar to easily search for different guides
 - Auto complete on search items
 - Randomise button – a way to give the user a random hobby / guide option
 - Category sections
 - Consistent and standard Navigation
- Descriptions of hobbies before having to click into them
 - Images that help describe and relate to the guide
 - Clear explanations on what account and why you should sign in
 - Clear settings sections
 - Page titles
 - Filters and sort by options
 - Quick links to different chapter / steps in guide
 - Video tutorials and written instructions

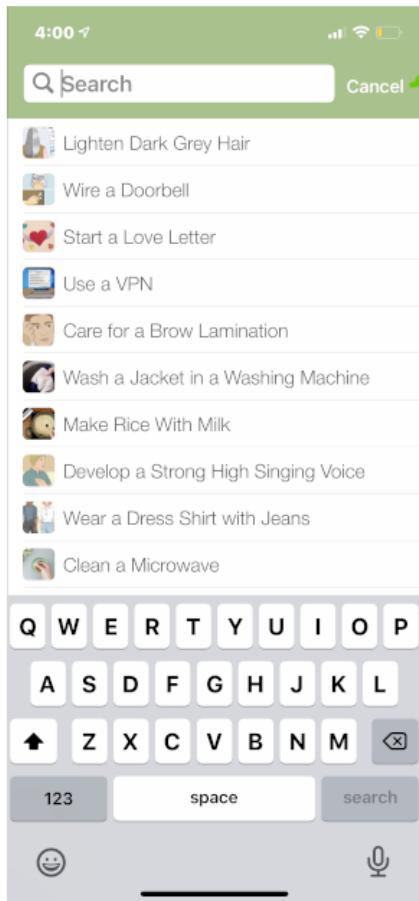
Wiki How



Menu



Search



Handwritten green text annotations on the right side of the search results screen include: 'easy way to return to previous screen' pointing to the 'Cancel' button; 'good quick links that turn into' pointing to the list of search results; and 'good auto fill options start when you start typing' pointing to the keyboard area. A large green curly brace groups the three main annotations.

Guide

Method One of Three
Making a Candle in a Jar

← easy way to find option menus

1 Choose a wax. There are a few wax options for making candles, and beeswax, soy, and paraffin are among the most popular. Beeswax candles are a natural air purifier, but the wax has a high melting point and must be mixed half and half with an oil, such as palm, to lower the melting point.^[1]

- Soy is a great vegetable wax option for candles and is readily available online or at craft stores.
- Paraffin wax is a traditional choice for candles, but paraffin is a petroleum product and can contribute to poor air

← appropriate images to describe / relate to task steps

heading for step capturing what each step will talk about

Method Three of Three
Creating a Vegetable Shortening Candle

4 Prepare the wick and pour the candle. Prepare the wick as you did for the candle in a jar. When the shortening is ready, pour it into your jar, leaving about an inch of headspace at the top. Let the shortening cool to room temperature and set.

Navigation between steps
tips and video tutorials
are just by scrolling up/down
menu keys could be used to
improve navigation

Video

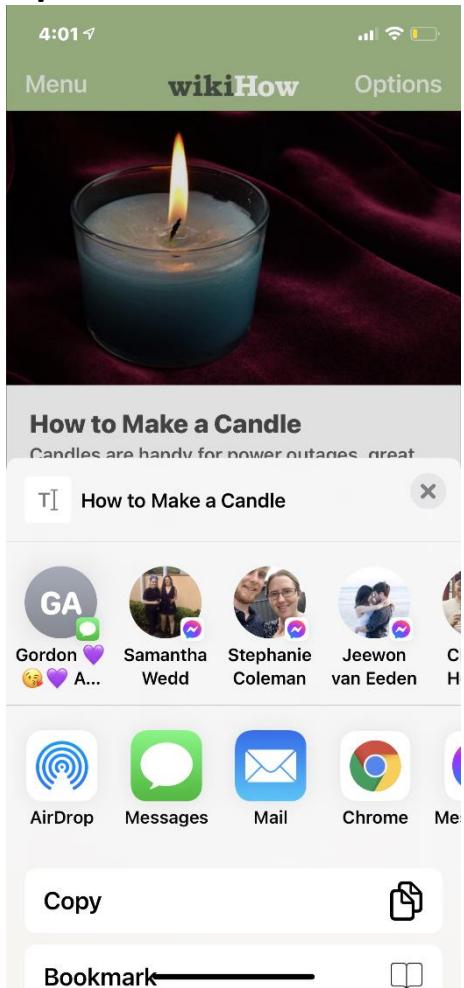
H How to Make a Can...

Tips

- Do not refrigerate a candle to make it cool faster, as this will cause shrinkage and cracking.

← video tutorials
nice to have video near top or quick links to them

Options



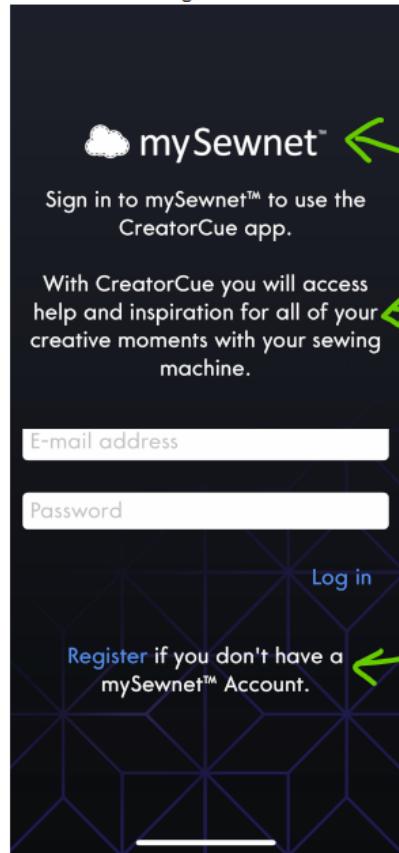
Options menu
is really a share
or save menu

could be represented with
correct symbol
instead of word

Creator Cue

Log in Screen

First screen if not signed in



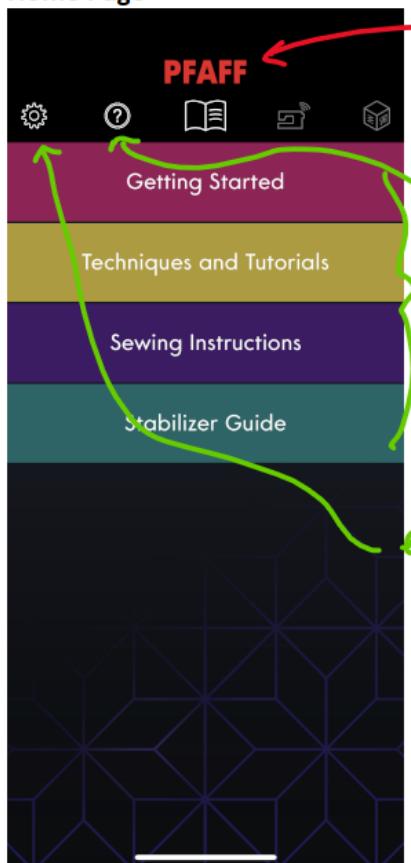
explains what account
is needed to sign in

explains why
you need to sign in

clear login

explains how to
create an account
clearly

Home Page



What? I thought
the app's name was
Creator-Lee

easily recognised help menu

good sections / categories

easily recognised
settings menu

Getting started

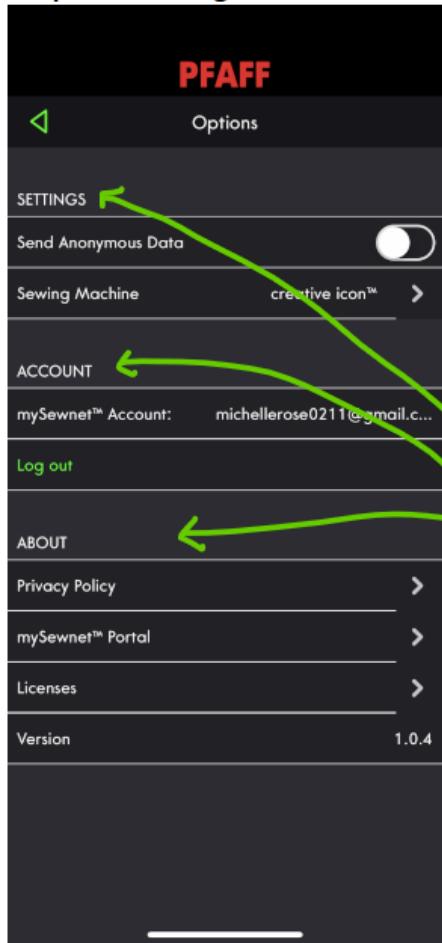


like the way they
have shown each task
in different cards
so you can easily find
by picture what you
need help with

Haven't seen way to
get this icon to do
anything

This only works
if you connect sewing
machine connection is made
from sew machine
itself

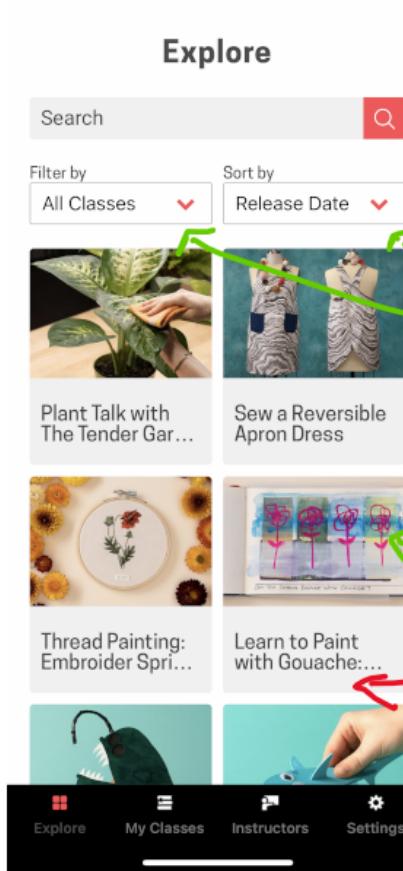
Help and Settings



little confused as to
why help & settings
bring user to same
screen

I like the different
sections

Home Page



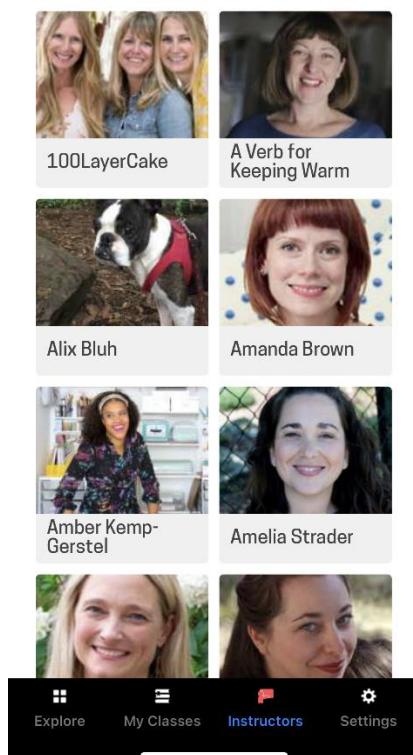
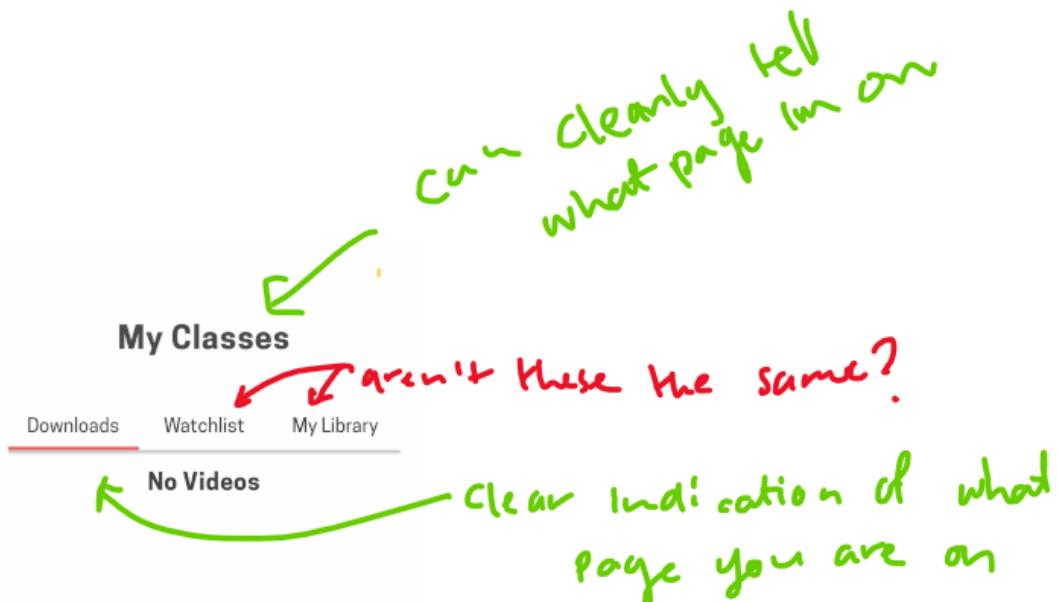
love use of
search bar
another way to
navigate

love options to narrow
down / get specific hobby/craft
with to filters and your
choice of sorting

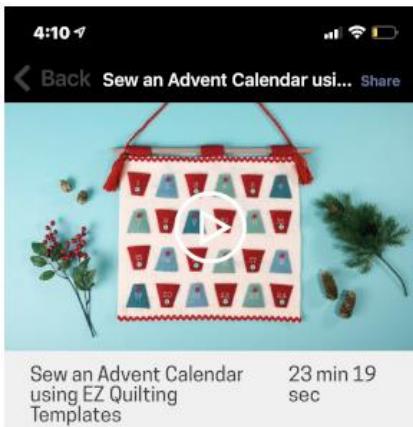
image & meaningful tiles
to explain what card will
teach you if you click on it

title are
a little long though

easy to use
navigation bar



brief description
Or more than just
their name would
be nice



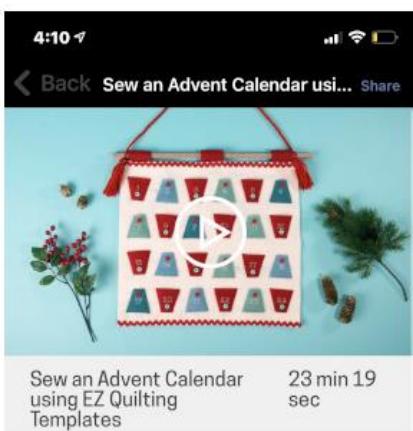
Yass video
first up



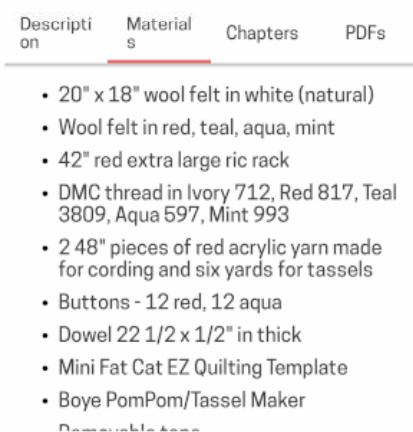
What builds holiday excitement more than a fun advent calendar? Expert sewist Leslie Schucker shows you how easy it is to sew a calendar completely by hand with felt. EZ Quilting templates help you cut out the pocket shapes quickly, and Leslie shares her favorite trick for transferring an embroidery design. Grab your favorite felt colors and get ready to hand-make some holiday magic.

easy to use &
repeated style of nav

Reviews are
great but why reviews
first and no description
/information on what
you will learn/do



Share menu option
is great could we
share icon though?



great list on what
you will need exactly

Could we have a way of
adding supplies we need to
a shopping list

4:10 4G

Back Sew an Advent Calendar usi... Share

Sew an Advent Calendar using EZ Quilting Templates 23 min 19 sec

Description Materials Chapters PDFs

Download to My Classes

Sew an Advent Calendar using EZ Quilting Templates

- ▶ Overview 0:40
- ▶ Materials 0:53
- ▶ Cutting the felt 2:03
- ▶ Preparing the fabric 0:00

What about a
watch later option?

← love option to
download

← love quick links
to different parts
of video

App Requirements and Goals

Goal

The main goal of this app is to be an all in one app for a hobbyist. It will give user variety of hobbies as options for them to start. It will have information and step by step guides as well as ways to connect with other people who share the same interest and hobbies. It will also have ways to find hobby supplies as well as ways to make money by promoting and sell your projects. Abilities to sell your project will be incorporated as a way to solve money issues that many people face due to hobbies.

- All in one app – one place to be able to find and explore variety of hobbies as well as meet likeminded people, get supplies as well as promote and sell projects
- Variety of hobbies will show most if not all hobby available in one place
- Information and guides will be description of hobby and how to get started
- Step by step guides will be instructions on how to make craft
- Abilities to connect will other people with shared interest and hobby will allow new friendships to be formed
- Ways to find supplies will allow business to promote their products and give an easier way to find needed supplies for any hobby
- Abilities to sell your project will allow users to make money that they can used to continue their hobbies and allow users to buy locally and from small businesses

Functional Requirements

- App will need to be linked with a database containing details of hobbies such as name, description, materials required, instructions, video tutorials, photos, communities' details (name, location, description, contact information, photos)
- App will need to be linked to a database containing details of suppliers such as name, location, description, main products, contact details, images
- App will need to be linked to a database contain detail of store products such as name, description, product photos, link to listing on auction sites such as trade me, eBay etc.

Non-Functional Requirements

- Web App that is responsive will look best on tablet or computer screen but can also be used on a phone or computer as well
- There must be a way of randomly suggesting a hobby
- There must be a way of filtering hobbies
- There must be a way of sorting hobbies
- There must be video tutorials
- There must be written instruction with descriptive images
- User must be able to understand and be able to follow the instructions and or tutorials
- There must be a way user can connect with other users that share similar interest
- There must be a way user can create inventory list and shopping list
- There must be a way user can find where to buy supplies
- There must be a way of filtering suppliers
- There must be a way of sorting suppliers
- There must be ways to make money or save money
- There must be a way for the users to be able to upload edit and remove product listing
- There must be a way user can buy product or find links to buy products (product being other people's project / crafts)
- There must be a way of filtering products
- There must be a way of sorting products

Identifying User Group

Anyone that is wanting to start a hobby that might not know where to start

Anyone who needs how to guide on a given hobby

Anyone who want to know where different people meet that share common interest

Anyone who wants to promote their small homemade business

Anyone who want to sell their projects

Anyone who wants to buy locally

Anyone who want to support small business

Any business that want to promote their products

Any clubs that want to promote themselves

How to Test

To test my prototypes, I will get people in my class to use the prototypes and answer one of following evaluation questionnaires, heuristic evaluation, goal evaluation and design evaluation

Heuristic Evaluation

Name:

Prototype :

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

Goal Evaluation

Name:

Prototype :

What is the name of the app? _____

What do you think is the purpose of this app?

Can you easily identify multiple different hobbies? YES/NO

How easy is it to find different hobbies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Do you think you could find yourself a new hobby from this app? YES/NO

Any suggest on how improve finding different hobbies?

Are you able to easily see information about each hobby? YES/NO

Would you be able to follow instruction and how to guides that are given for crafty hobbies? YES/NO

Any comments or suggestions to improve hobby descriptions and guides?

Are you able to find ways to connect with likeminded people? YES/NO

Are you able to find ways to connect with different hobby communities? YES/NO

How easy is it to connect with likeminded people? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to connect with other people and or communities? YES/NO

Any suggestions to improve connection to likeminded people and communities?

Are you able to find supplies? YES/NO

How easy is it to find supplies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

Are you able to find online store?

Are you able to buy from online store?

How easy is it to buy from online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Can you list project on online store?

How easy is it to list project on online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

Would you use an app like this to sell your own projects? YES/NO

Any suggestions to improve the online store when it comes to buy or selling?

Design Evaluation

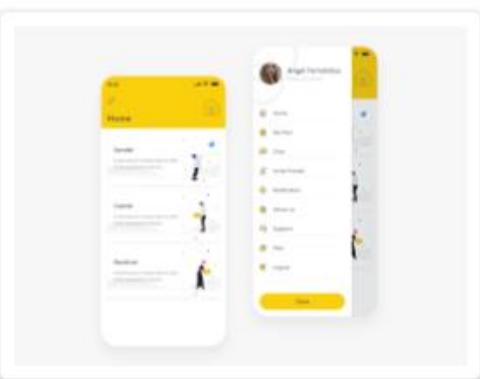
Questionnaire can be found here: <https://forms.gle/9EeTUTFpKG56raP57>

1. What Navigation do you prefer as main navigation?

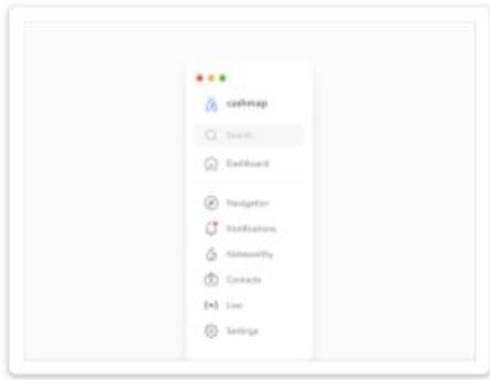
Mark only one oval.



Tab Icon Menu



Hamburger Menu



Side Bar Navigation

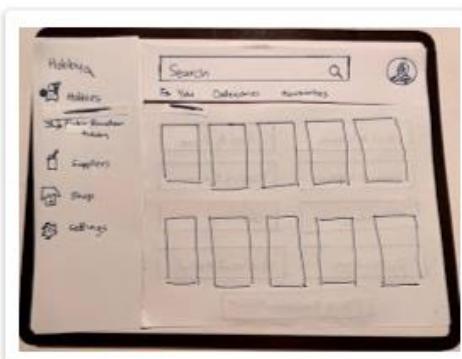
2. Do you think should be use?

Mark only one oval.

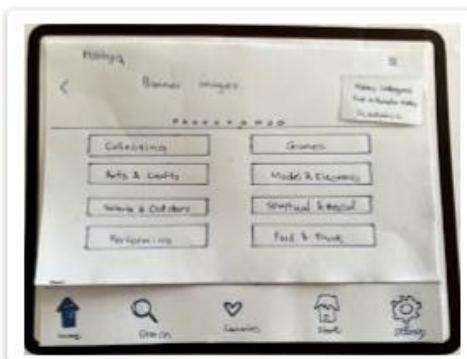
- Tab Icon Menu
- Hamburger Menu
- Side bar Navigation
- Other: _____

3. What navigation do you think is best?

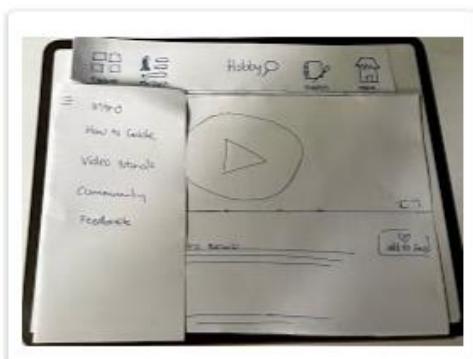
Mark only one oval.



Option 1



Option 2



Option 3

4. What navigation headers do you think their should be?

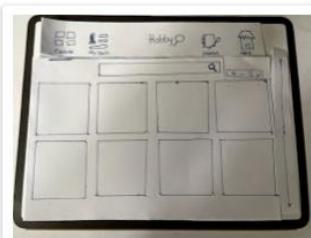
Check all that apply.

- Hobby Explore / Home page
- Supplies / Supplier Page
- Store Page
- Account login Page
- Account sign up Page
- My Dash / Profile Page
- My Dash Hobby Library Page
- My Dash Resource Page
- My Dash Pattern Page
- My Dash Store Page
- Settings Page

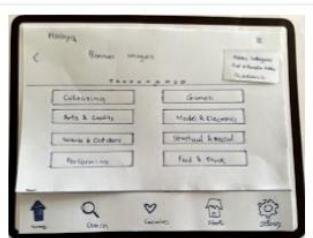
Other: _____

5. What homepage layout do you prefer?

Mark only one oval.



Option 1



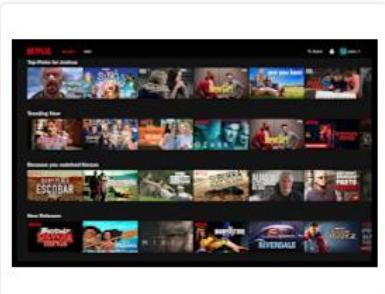
Option 2



Option 3

6. Would you rather?

Mark only one oval.



have category options

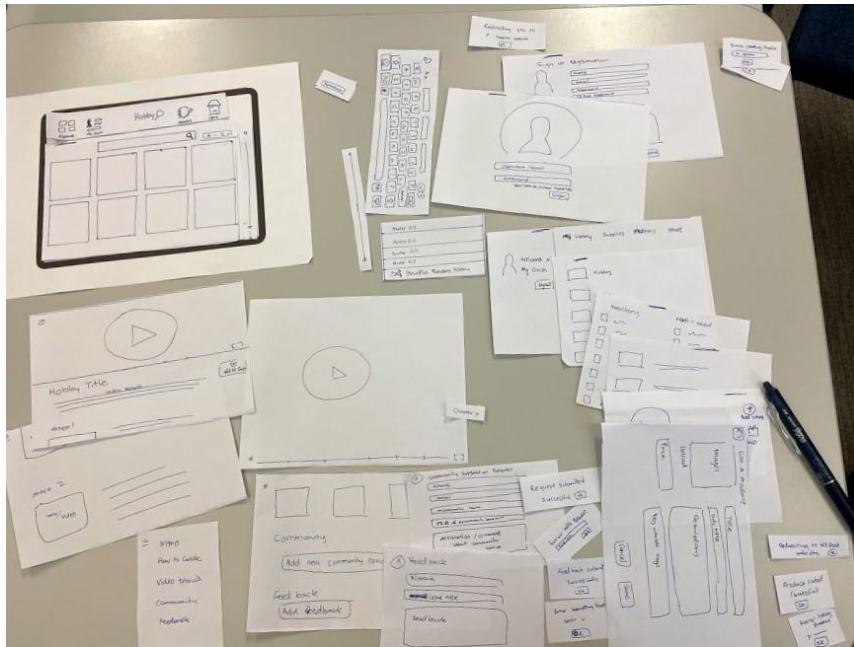
scroll between different category section

Other: _____

7. Do you have any design suggestions?

Prototypes

Prototype 1

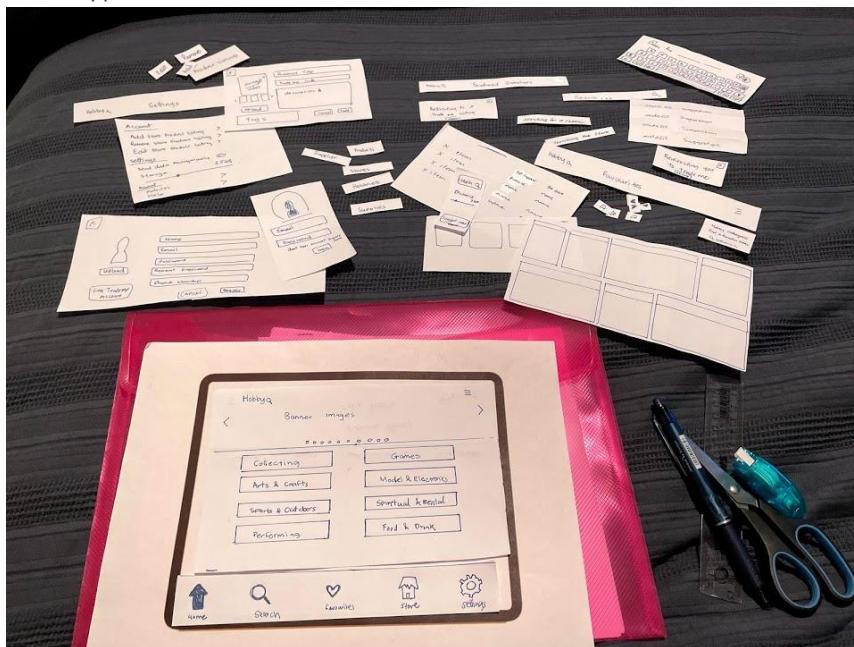


IMG_0527.mov

Figure 12 Walk through of Prototype 1

Marvel App version of Prototype 1: <https://marvelapp.com/prototype/g9g5971>

Prototype 2

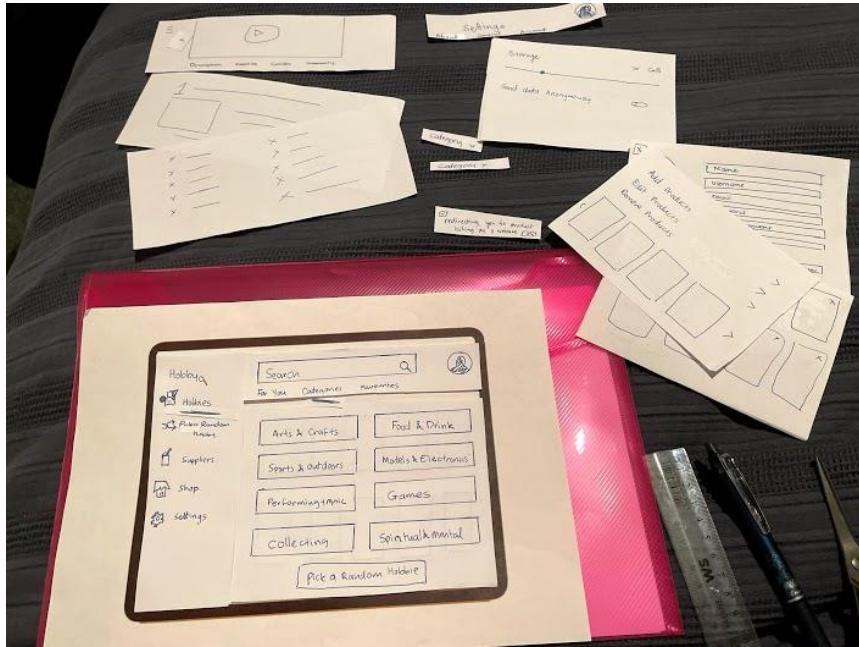


Prototype 2 Screen recording.mp4

Figure 13 Screen Recording of Invision app version of prototype 2

Invision App version of Prototype 2: <https://michelleholmes611723.invisionapp.com/console/share/R42I2VQWG3>

Prototype 3



Prototype 3 Screen
Recording.mp4

Figure 14 Screen Recording of Invision app version of prototype 3

Invision App version of Prototype 3:

<https://michelleholmes611723.invisionapp.com/console/share/4Y2I3JWXEC/609481306>

Testing

Prototype 1

Heuristic Evaluation

Name: Rhiannon

Prototype: 1

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom *Logo, return*
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

Logo should return to a home screen.

Heuristic Evaluation

Name:

Gordon

Prototype:



Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

There are pop ups for successful & failures as well as redirects

Stone icon matches real world

Menu bar is at top which isn't normal in iPad. A hamburger menu on mobile navigation is at incorrect place / weird flow

Goal Evaluation

Name: chakai a Reid

Prototype : \

What is the name of the app? Hobby

What do you think is the purpose of this app?

It's about a hobby

Can you easily identify multiple different hobbies? YES/NO

How easy is it to find different hobbies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Do you think you could find yourself a new hobby from this app? YES/NO

Any suggestion on how improve finding different hobbies?

I would use an app and a ad would popup

Are you able to easily see information about each hobby? YES/NO

Would you be able to follow instruction and how to guides that are given for crafty hobbies? YES/NO

Any comments or suggestions to improve hobby descriptions and guides?

Are you able to find ways to connect with likeminded people? YES/NO

Are you able to find ways to connect with different hobby communities? YES/NO

How easy is it to connect with likeminded people? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to connect with other people and or communities? YES/NO

Any suggestions to improve connection to likeminded people and communities?

NO



Are you able to find supplies? YES/NO

How easy is it to find supplies? 1. too simplistic 2. 3. Easy 4. 5. difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

NO

Are you able to find online store? YES

Are you able to buy from online store? YES

How easy is it to buy from online store? 1. too simplistic 2. 3. Easy 4. 5. difficult

Can you list project on online store? Yes

How easy is it to list project on online store? 1. too simplistic 2. 3. Easy 4. 5. difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

Would you use an app like this to sell your own projects? YES/NO

Any suggestions to improve the online store when it comes to buy or selling?

NO



Goal Evaluation

Name: Gandon

Prototype : 1

What is the name of the app? Hobby Search

What do you think is the purpose of this app?

Etsy replacement + to help someone to find a hobby

Can you easily identify multiple different hobbies? YES/NO

How easy is it to find different hobbies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Do you think you could find yourself a new hobby from this app? YES/NO

Any suggestion on how improve finding different hobbies?

Filters save preferences & AI

Are you able to easily see information about each hobby? YES/NO

Would you be able to follow instruction and how to guides that are given for crafty hobbies? YES/NO

Any comments or suggestions to improve hobby descriptions and guides?

about
What "different way of doing one hobby
could there be a different intermediary pages to find out more about
different incarnations of one hobby

Are you able to find ways to connect with likeminded people? YES/NO

Are you able to find ways to connect with different hobby communities? YES/NO

How easy is it to connect with likeminded people? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to connect with other people and or communities? YES/NO I'm not sociable

Any suggestions to improve connection to likeminded people and communities?

have a community button on top now as well

Are you able to find supplies? YES/NO

How easy is it to find supplies? 1.too simplistic

2.

3. Easy

4.

5.difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

location filters, price & category filters

Are you able to find online store?

Yes

Are you able to buy from online store?

No

How easy is it to buy from online store?

1.too simplistic

2.

3. Easy

4.

5.difficult

Can you list project on online store?

Yes within my dash

How easy is it to list project on online store?

1.too simplistic

2.

3. Easy

4.

5.difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

Would you use an app like this to sell your own projects? YES/NO

too expensive usually

Any suggestions to improve the online store when it comes to buy or selling?

Pages that allow you to select items
have filters & categories
relevant to hobbies AZ

Prototype 2

Heuristic Evaluation

Name: Rhiannon

Prototype:

2

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

Logo, click to home

Icons only outside of home



Goal Evaluation

Name: Gordon

Prototype : 2

What is the name of the app? Hobby search

What do you think is the purpose of this app?

Find a hobby, suppliers and esty store

Can you easily identify multiple different hobbies? YES NO yes

How easy is it to find different hobbies? 1. too simplistic 2. 3. Easy 4. 5. difficult

Do you think you could find yourself a new hobby from this app? YES NO

Any suggestion on how to improve finding different hobbies?

Filters & Questionnaire about person
do you like the outdoors, crafts etc

Are you able to easily see information about each hobby? YES NO

Would you be able to follow instructions and how-to guides that are given for crafty hobbies? YES NO

Any comments or suggestions to improve hobby descriptions and guides?

Video tutorials

Are you able to find ways to connect with likeminded people? YES NO

Are you able to find ways to connect with different hobby communities? YES NO

How easy is it to connect with likeminded people? 1. too simplistic 2. 3. Easy 4. 5. difficult

Would you use an app like this to connect with other people and/or communities? YES NO I'm not social

Any suggestions to improve connection to likeminded people and communities?

Are you able to find supplies? YES/NO

How easy is it to find supplies?

1. too simplistic

2.

3. Easy

4.

5. difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

Filters & categories

Are you able to find online store?

yes

Are you able to buy from online store?

kind of

How easy is it to buy from online store?

1. too simplistic

2.

3. Easy

4.

5. difficult

Can you list project on online store?

yes

How easy is it to list project on online store?

1. too simplistic

2.

3. Easy

4.

5. difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

Would you use an app like this to sell your own projects? YES/NO

Any suggestions to improve the online store when it comes to buy or selling?

Filters
splitting app from search for hobby and store
perhaps look into other ways to make money
or get money
suggest cheap or free
hobbies for low
income people

Goal Evaluation

Name: Rhiannon

Prototype :

2

What is the name of the app? Hobby Q

What do you think is the purpose of this app?

To find a new hobby

Can you easily identify multiple different hobbies? YES/NO

How easy is it to find different hobbies? 1. too simplistic 2. 3. Easy 4. 5. difficult

Do you think you could find yourself a new hobby from this app? YES/NO Because I have enough

Any suggestion on how to improve finding different hobbies?

nope

Are you able to easily see information about each hobby? YES/NO only way is through the menu

Would you be able to follow instructions and how-to guides that are given for crafty hobbies? YES/NO

Any comments or suggestions to improve hobby descriptions and guides?

Have access to hobby screen on the featured hobbies page

Are you able to find ways to connect with likeminded people? YES/NO

Are you able to find ways to connect with different hobby communities? YES/NO

How easy is it to connect with likeminded people? 1. too simplistic 2. 3. Easy 4. 5. difficult

Would you use an app like this to connect with other people and/or communities? YES/NO

Any suggestions to improve connection to likeminded people and communities?

Have a community tab to allow quick access, instead of only accessing it through the Hobby page

Are you able to find supplies? YES/NO

How easy is it to find supplies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

nope

Are you able to find online store? ✓

Are you able to buy from online store? ✓

How easy is it to buy from online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Can you list project on online store? ✓

How easy is it to list project on online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

Would you use an app like this to sell your own projects? YES/NO i don't want to sell

Any suggestions to improve the online store when it comes to buy or selling?

have a way to add items to the store from the store

Prototype 3

Heuristic Evaluation

Name: Diego Samson

Prototype: Prototype 3

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

The navigation is the best in this prototype, no other complaints aside from having a pop out menu in all pages.

Heuristic Evaluation

Name: David Cano

Prototype: #3

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, & recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

"Help" and "Contact us" to have their own section -

I like the menu on the left (that can be left apparent or hidden)

Add a favourite option field (where to save my favourites)

Goal Evaluation

Name: David Cano

Prototype: #3

What is the name of the app? Hobby Search

What do you think is the purpose of this app?

The purpose of the app is innovative. It is not common to find apps helping to find/determine a hobby.

Can you easily identify multiple different hobbies? YES/NO

How easy is it to find different hobbies? 1. too simplistic 2. 3. Easy 4. 5. difficult

Do you think you could find yourself a new hobby from this app? YES/NO (wide choice)

Any suggestion on how improve finding different hobbies?

Generic hobby linked to other hobbies. E.g. If you like X, you may also be interested in Y. (e.g. crocheting would be "linked" to sewing, etc.)

Are you able to easily see information about each hobby? YES/NO

Would you be able to follow instruction and how to guides that are given for crafty hobbies? YES/NO

Any comments or suggestions to improve hobby descriptions and guides?

Multiple ways to explain a same point. E.g. video + sketch for example.

Are you able to find ways to connect with likeminded people? YES/NO

Are you able to find ways to connect with different hobby communities? YES/NO

How easy is it to connect with likeminded people? 1. too simplistic 2. 3. Easy 4. 5. difficult

Would you use an app like this to connect with other people and/or communities? YES/NO

Any suggestions to improve connection to likeminded people and communities?

If people want/accept, they could appear on a list attached to the app. and linking people with similar interests.

Are you able to find supplies? YES/NO

How easy is it to find supplies? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to find supplies? YES/NO

Any suggestions to improve the process of finding supplies?

Ranking of the relevance of a shop when it comes to the product expected to be found.

Are you able to find online store? ✓

Are you able to buy from online store? ✓

How easy is it to buy from online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Can you list project on online store? ✓

How easy is it to list project on online store? 1.too simplistic 2. 3. Easy 4. 5.difficult

Would you use an app like this to buy locally, from small business or homemade products? YES/NO

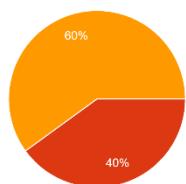
Would you use an app like this to sell your own projects? YES/NO

Any suggestions to improve the online store when it comes to buy or selling?

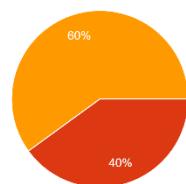
Showing similar products and/or related products.

Design Evaluation

What Navigation do you prefer as main navigation?
5 responses

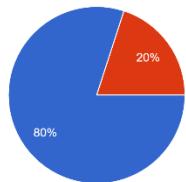


What navigation menu do you think should be used?
5 responses



- Tab Icon Menu
- Hamburger Menu
- Side bar Navigation

What navigation do you think is best?
5 responses

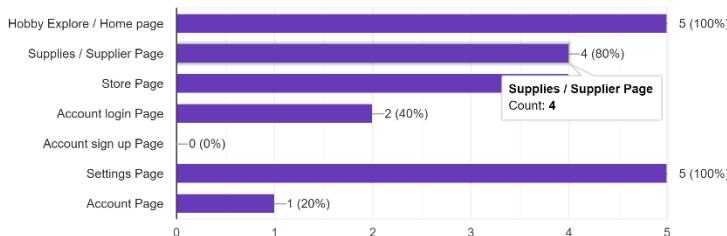


- Option 1
- Option 2
- Option 3

Option 1 is prototype 3, Option 2 is prototype 3 and option 3 is prototype 1

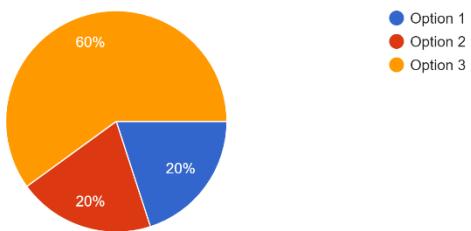
What navigation headers do you think they should be?

5 responses



What homepage layout do you prefer?

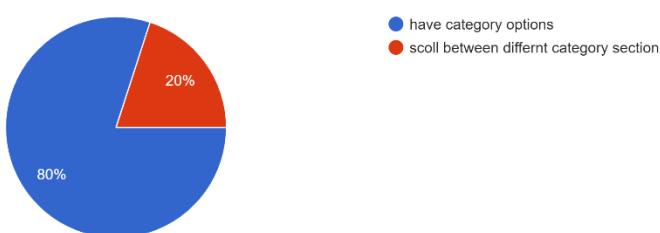
5 responses



option 1 is prototype 1, option 2 is prototype 2 and option 3 is prototype 3

Would you rather?

5 responses



Design suggestions:

Filters for hobbies. A focus on either a hobby helper/identifier or an Etsy replacement. People choose hobbies to relax and your own business tends to not be relaxing. If cost is a concern to people help them find cheap or free hobbies through the search function.

Evaluation

From testing I found out the following:

- user control and freedom was violated when logo didn't return the user to the home screen
- Consistency and standards were followed in prototype 1 with the menu bar and hamburger menu being in the wrong placements in accordance to iOS standard guidelines
- Prototype 1 navigation didn't flow as nicely for some users wanted
- People prefer prototype 3 navigation over prototype 1 and 2
- People thought the app name was HobbyQ, Hobby, Hobby Search
- People thought the app purpose was to be an Esty store replacement with ways to find hobbies
- People also thought the app purpose was about hobbies
- People also thought the app was about finding new hobbies
- People also thought the app was about finding new hobbies and demonstrating hobbies
- Lack of Filters and categories makes it hard to find hobbies in prototype 1 and 2 but people can find varieties of hobbies
- 1 person said they wouldn't use an app like prototype 1 as they find hobbies through ad suggestions
- People want a way to see different ways of doing one hobby as some hobbies have multiple iterations
- People also want video tutorials
- People suggest having questionnaire for users to fill in so auto suggestion could be made on hobbies
- People can find community selections in prototype 1 and 2 but suggest having communities in top nav as well
- Lack of filters and categories make finding suppliers hard as well in prototype 1 and 2 but people can find varieties of suppliers
- People can find where to list their own products but were able to buy products in prototype 1
- People want a way to list product from the store page
- Lack of filters and categories make finding store products hard as well in prototype 1 but people can find varieties of products
- People suggest AI to predict relevant products to user
- People suggest splitting the app into 2 having separate app for store and another search for as they felt like the two were competing
- A couple of suggestions was made for people who have money issues or want a cheap hobby the suggestion was to have filters for cheap and free hobbies the other was trade option where users could trade for supplies
- Someone said having the store option takes away the hobby aspect as hobby is something you do for leisure and selling project /product will turn the hobby into a job
- People want help and contact us to have their own section in nav as they are too hidden in settings
- People like the side navigation however suggest having the menu resize to icons only when user is in main pages
- People want ways to add hobbies, suppliers, and products to their favourites
- People like prototype 3 the most regarding navigation and layout

It was good to know that people seem to understand the purpose of the app. They all knew the app was a way to find a hobby with guides, suppliers, and store functionalities. I was pleased that everyone was able to locate where they can find various hobbies, suppliers, and products they can buy. I am pleased I tested these prototypes for design because I now have a better idea of what layout and navigation styles people prefer. Navigation being sidebar and prototype 3 and 2 layouts were preferred. I also now know that filters and categories are a must as users required them to narrow down their searches. I also now want to include a questionnaire for users to fill to help auto-suggest hobbies, suppliers, and products. I also found that I want to re-evaluate how the app can help user's money issues when it comes to hobbies as many people thought the store took away from the hobby app purpose. As a hobby is an activity done regularly in one's leisure time for pleasure not for business .

Development Plan

Giving what I have learnt from researching the issue of being able to find a hobby as an adult and the result of evaluating the testing from initial prototypes the next steps in this progress to create a solution is as follows:

1. Create a questionnaire to find out specifically what people want in the app when it comes to navigation what menus headings they want, what ways people want to save money or make money options and what categories, filters and search options they want
2. Create brand guidelines and get multiple people thoughts suggestions on them. The brand guidelines will define the colour pallet and logo
3. Revise goal and requirements. This will be done to ensure the solution is going solve the issue
4. Create new testing methods these methods should see if the app is meeting the goals and usability is to satisfaction.
5. Create hi fidelity prototypes
6. Test prototypes
7. Evaluate testing
8. Create new development plan

The Problem

What is next? Ideas on what I need to know to investigate solution to issue of finding a hobby as an adult is hard.

I used MindMup to create by brainstorm <https://www.mindmup.com/#storage>

After making this brainstorm I created a questionnaire to get peoples thoughts on navigation and ways to solve the issues related to finding a hobby and money issues.



Questionnaire

I made a google form for the questionnaire found here <https://forms.gle/6Jpg5JTEftNJP8VSA>

This questionnaire was built with the purpose on finding out other people thoughts on what hobby search navigation should be like. How hobby search could solve the issue of finding a hobby and hobby related money issue as well as what categories and filters should be included



Questions

Hobby Search Finding a Hobby Solution

1. Do you think a quiz on user interests that could be used to narrow down and give suggestion on hobby would help?
 Yes
 No
2. Do you think book recommendation on hobbies be beneficial?
 Yes
 No
3. Do you like the give random hobby suggestion?
 Yes
 No

Hobby Search Money issues Solutions

4. Hobby by definition is an activity done regularly in one's leisure time for pleasure. Given this would you expect ability sell byproduct of a hobby a good solution to hobby money issues?
 Yes. You agree being able to sell byproducts of a given hobby is a good way to make money.
Therefore, solve money issues related to hobbies
 No. You think being able to sell byproducts of a given hobby takes that hobby away from being a hobby and turns it into a business and a job
 Other _____
5. Would you like to be able to sell your hobby byproduct on Hobby Search platform?
 Yes
 No
6. How would you solve money issues related to hobbies

7. What option would you utilize to save money on hobbies?
Check all that apply.
 Inventory Records - A way of knowing what supplies you already have
 Second-hand marketplace
 Trade centre - A place where you could exchange supplies or products to get needed items
 Filter option for Free and Cheap Hobbies

Other _____

Hobby Search Navigation

8. What menu heading do you expect to have in Hobby Search app?

Check all that apply.

- Explore - where user will find list of different hobbies to explore and find out more about
- Profile - where user can set profile settings and access bookmarked items
- Community - where you can find different community and connect with different people
- Suppliers - where users can find different supplier that sell specific and general items
- Store - where users can buy and sell hobby byproducts
- Second-hand market Place - where users can buy and sell unneeded supplies
- Trade center - where users can connect with others to trade for supplies
- Inventory - place where users can keep a list of current inventories and needed supplies
- Settings- app settings
- Other _____

Hobby Search Categories, Filters and Search options

9. What categories do you expect hobbies search should have to be able to narrow down your search for a hobby?

Check all that apply.

- Collecting
- Arts and Crafts
- Sports
- Outdoors
- Performance
- Games
- Models and Electronics
- Spiritual and Mental
- Food and Drink
- Music
- Pet
- Other _____

10. What filters do you expect hobbies search should have to be able to narrow down your search for a hobby?

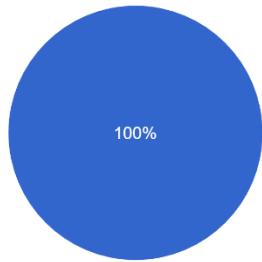
Check all that apply.

- Cost
- Time
- Location
- Extrovert / Introvert
- Other _____

Results and Findings

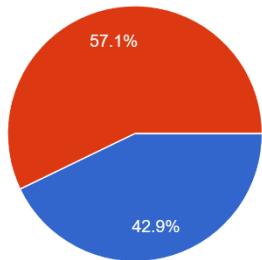
As the questionnaire was only filled in by 7 people these results are not accurate if a larger number of people fill in the questionnaire the result would be more valuable

People want for a Quiz on user interests



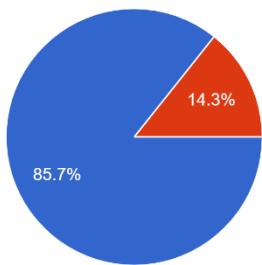
● Yes
● No

People want for Book Recommendations



● Yes
● No

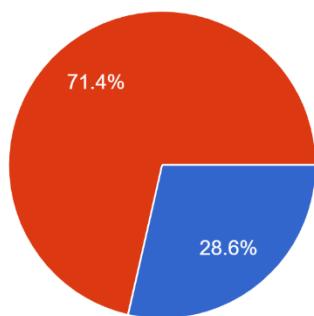
People want for random hobby suggestion option



● Yes
● No

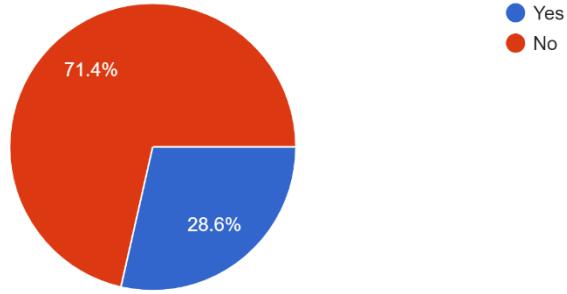
Hobby by definition is an activity done regularly in one's leisure time for pleasure. Given this would you expect ability sell byproduct of a hobby a good solution to hobby money issues?

7 responses



- Yes. You agree being able to sell byproducts of a given hobby is a good way to make money. Therefore, solve money issues related to hobbies
- No. You think being able to sell byproducts of a given hobby takes that hobby away from being a hobby and turns it into a business and a job

Do people want to sell their products on Hobby Search?

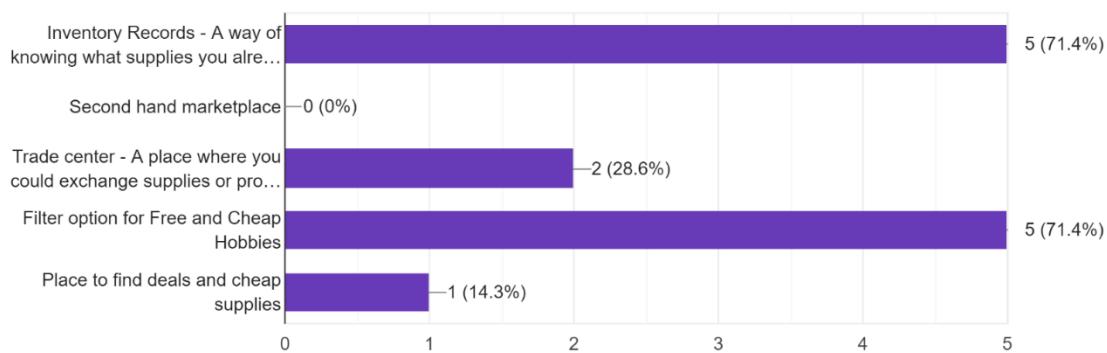


How would you solve money issues related to hobbies

- Get a normal job but if it meets the ends then why not
- not sure, job maybe
- Comparison of cost between platforms
- Find cheaper hobbies
- Way to trade supplies
- Free and cheap hobby options for people who have money issues
- I don't know

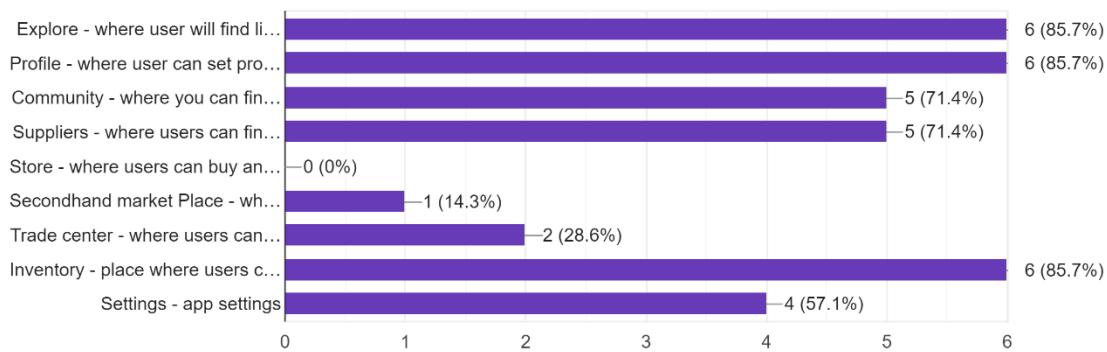
What option would you utilize to save money on hobbies?

7 responses



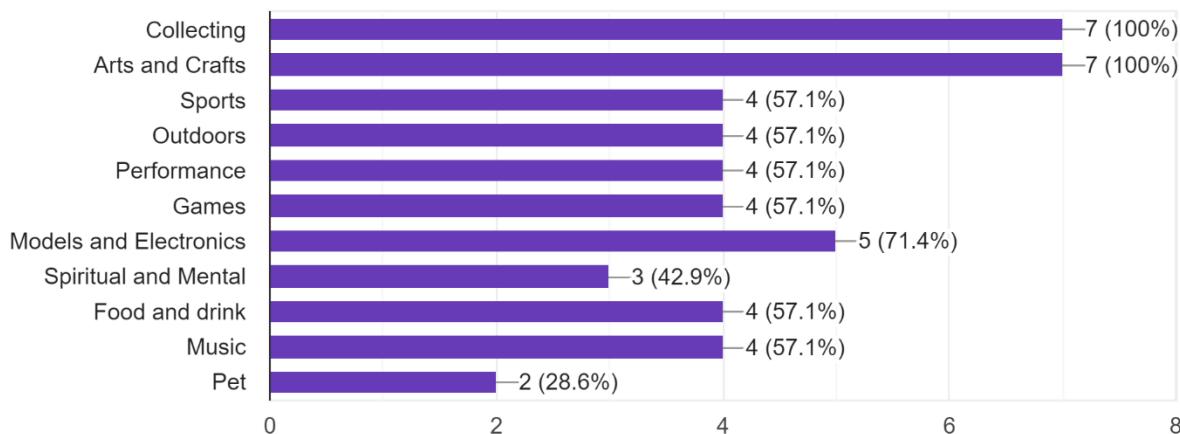
What menu heading do you expect to have in Hobby Search app?

7 responses



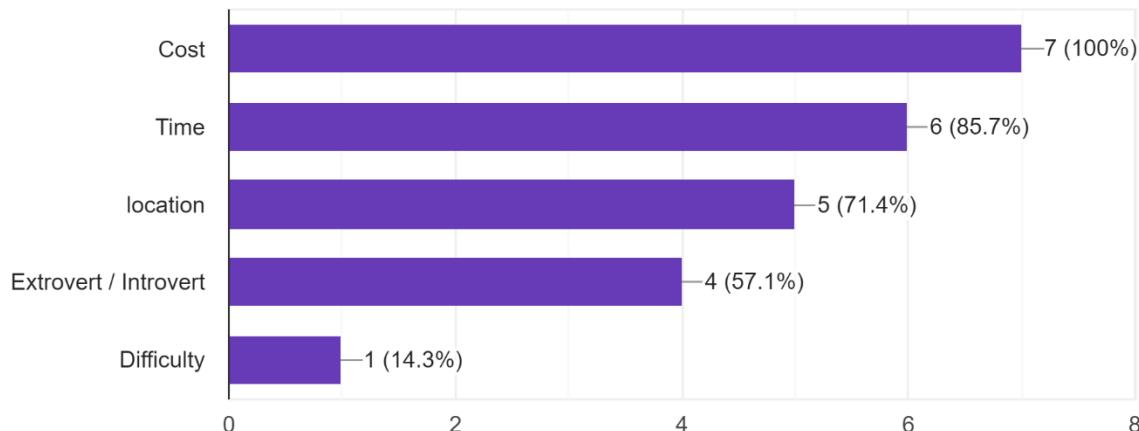
What categories do you expect hobbies search should have to be able to narrow down your search for a hobby?

7 responses



What filters do you expect hobbies search should have to be able to narrow down your search for a hobby?

7 responses



From getting the results of the questionnaire I have found out the following

- Everyone wants a quiz for users to fill in to suggest and narrow down suggestion of hobbies
- Book recommendations was tied on whether people want them or not
- Majority of people wanted a random hobby suggestion option
- Majority of people agreed that selling byproducts of hobby takes away the hobby aspect turning the hobby into a business
- Majority of people don't want to sell their products or project
- People suggested ways to solve money related issues due to hobbies by having ways to filter hobbies by money users are willing to spend, by having cost comparisons of supplies, and ways to trade supplies
- Majority of people wanted inventory records
- No one wanted a second-hand marketplace
- Minority of people wanted a trade centre
- Majority of people wanted filter by money and free options

- Minority of people wanted suggestion of places to find deal and cheap supplies
Majority of people want the main navigation to have an explore, profile, community suppliers and inventory pages
- Minority want the main navigation to have a setting, trade centre and second-hand marketplace pages
- No one wants a store page
- Collecting, Arts and Crafts, Sports, Outdoors, Performance, Games, Models and Electronics, Spiritual and Mental, Food and drink, Music, Pet were the suggested hobby categories and were all voted for including as hobby suggestion categories
- Cost, Time, location, Extrovert / Introvert and Difficulty are all suggested hobby filters that were voted to include as hobby filter options

From these findings, the solution Hobby Search will include the following: a quiz to suggest and narrow down the suggestion of hobbies as well as book recommendations, random hobby suggestion option and inventory records. The quiz will be included as 100% of people wanted this element in accordance with the questionnaire. Whereas book recommendations will be included as well even though only half the people wanted this element, but due to the small sample size of questionnaire responses and a lot of previous research showing that people found hobbies from books the book recommendation element will be included. Hobby Search will continue to have the random hobby suggestion option as 100% of people in the questionnaire voted to keep it. The inventory record will be included as well as the majority of people suggested it as a way to solve hobby related money issues. The store will no longer be included in the Hobby search solution as the majority of people voted to not include the store and said they would not use the store and that selling byproducts of their hobby takes the hobby aspect away turning the hobby into a business. People suggested having filters to narrow down hobby suggestion to price points people are able to pay. They also suggested having cost comparisons of suppliers. these suggestions were also made as a way to solve hobby related money issues therefore Hobby search will include these as well. As only a minority wanted a second-hand marketplace and trade centre as ways to solve hobby related money issues these will not be included in the solution. Hobby search main navigation will have the following pages: explore, profile, community suppliers and inventory pages as the majority of people voted for these. It will also have settings as this is a requirement to change app settings and list legal documentations. hobby Search will have categories and filter options to aid in narrowing down hobby suggestions. The categories will be Collecting, Arts and Crafts, Sports, Outdoors, Performance, Games, Models and Electronics, Spiritual and Mental, Food and Drink, Music, as well as Pet as these, were all voted by people in the questionnaire. The filters will be Cost, Time, location, Extrovert / Introvert and Difficulty as these too were all voted by people in the questionnaire

What's next?

As the store element of the solution is being remove we now need to look at the user group of the app. To see what has and hasn't changed. We also need to look into what requirements need adapting and do more background research on what currently available to see what is needed by our user group that is not being provided and see what way our solution can improve their experience.

The Users

The original user group was the following:

- Anyone that is wanting to start a hobby that might not know where to start
- Anyone who needs how to guide on a given hobby
- Anyone who want to know where different people meet that share common interest
- Anyone who wants to promote their small homemade business
- Anyone who want to sell their projects
- Anyone who wants to buy locally
- Anyone who want to support small business
- Any business that want to promote their products
- Any clubs that want to promote themselves

Since evaluating the initial solution prototypes and questioning people on what they want the solution to include the store element has been removed from the solution and instead filters, inventory records and supplier comparisons have been suggested as ways to solve hobby related money issues. Therefore, below is the updated user group:

- Anyone that is wanting to start a hobby that might not know where to start
- Anyone that has hobby and wants to share their experience
- Anyone who needs how to guide on a given hobby
- Anyone who want to know where different people meet that share common interest
- Anyone who wants to research suppliers and get comparisons
- Any business that want to promote their products that are ok with being compared with business
- Any clubs that want to promote themselves

Interviews

I had interviews with Sue and Gordon to see how people currently experience their hobbies and get an idea of what they do when it comes to getting supplies for their hobbies. I wanted to know what happens and see if there is a need for improvement or way of helping them reduce time or cost that could be incorporated into the solution. .

Summary of Open Interview with Sue

From talking with Sue, I found out that she often finds herself rebuying supplies she already owns. She is generally tidy person however her garage isn't as organised as her home. she often put things on top of other things therefore cannot easily see or locate old unused suppliers. This leads to her repurchasing supplies as she doesn't know what she currently has nor can she locate her all of her supplies.

Summary of Open Interview with Gordon

From talking with Gordon, I found out he does his hobbies to relax and to have fun and get enjoyment. He will only spend money on his hobbies if it reduces his effort and gives him more time for fun. He typically will spend a few hours to days on google research when he is looking at spending money on a hobby. He will look at articles, company, and product reviews as well as watch YouTube videos of tutorials and reviews of products and supplies. He does this to weigh up price and value to himself to be able to make informed decisions on his purchases. The value to himself is based on how much he likes it and how much it would solve his current issues and whether they will give him more time for fun or lessen the effort levels needed for the hobby.

Conclusion

From conducting these interviews, I have learnt that there is a need for a way to document your inventory and perhaps keep note of where your inventory is located. This is so people don't end up having to repurchase supplies because they will know what they have and remember and hopefully be able to locate these items. There is also a need for a way to compare supplies and products the comparison should just be on money they should be time and quality. There should be reviews from people about products and supplies that can give the user information needed to make informed decision on whether this product and or supplies will be beneficial to themselves

Observation

I made observation on Gordon and my own storage of hobby supplies systems. Gordon has 3D print as his craft hobby whereas I have Candle making as my craft hobby/

I took photos and used my Wacom tablet and One Note to make annotation of the photos. Figure 1 is the overall storage of supplies for Gordon and my craft hobbies. Orange is notes related to Gordon's hobby and purple is notes related to my hobby. Figure 2 and 3 related to Gordon hobby the Green is things that are good about it whereas the red are things that are bad about it. Figure 4, 5 and 6 related to my hobby the Green is things that are good about it whereas the red are things that are bad about it.

Observation of Gordon and Michelle Hobby Supply storage

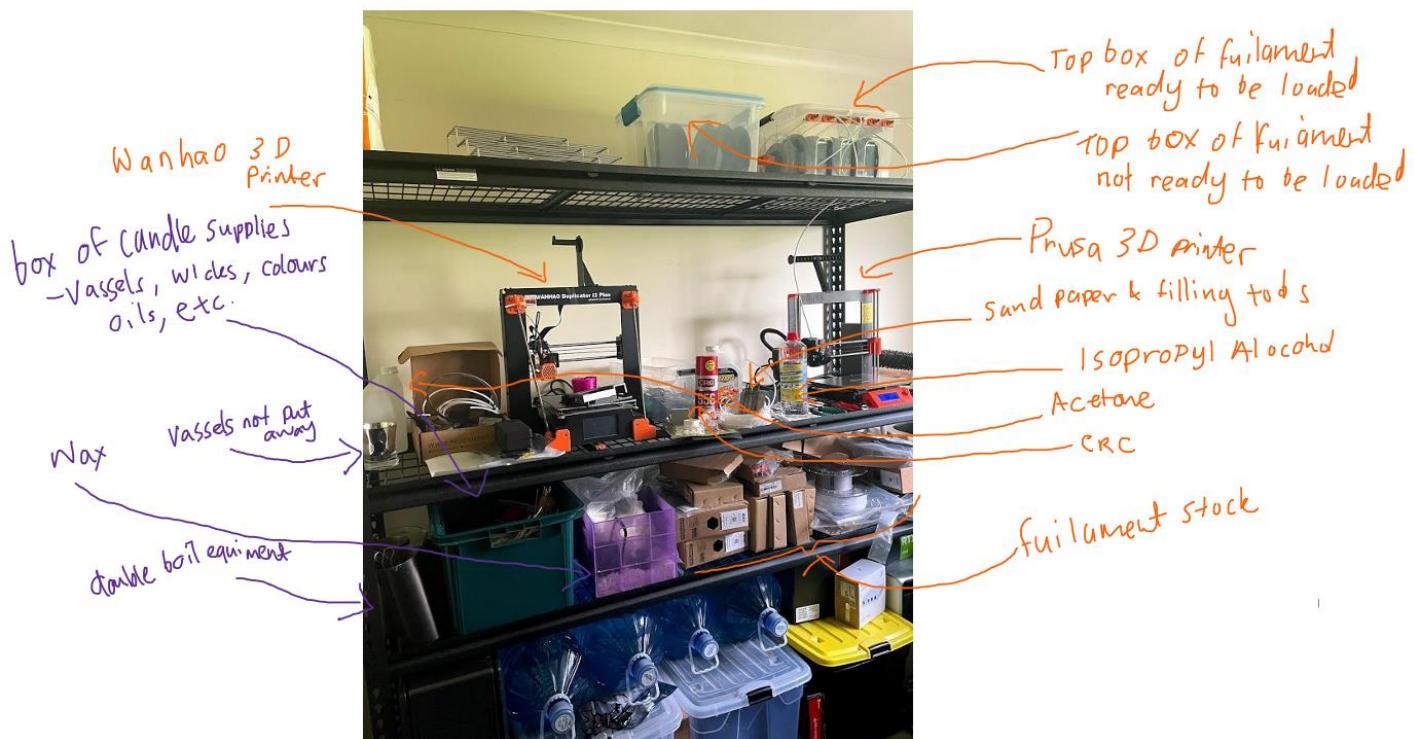


Figure 15 Hobby Supplies Storage

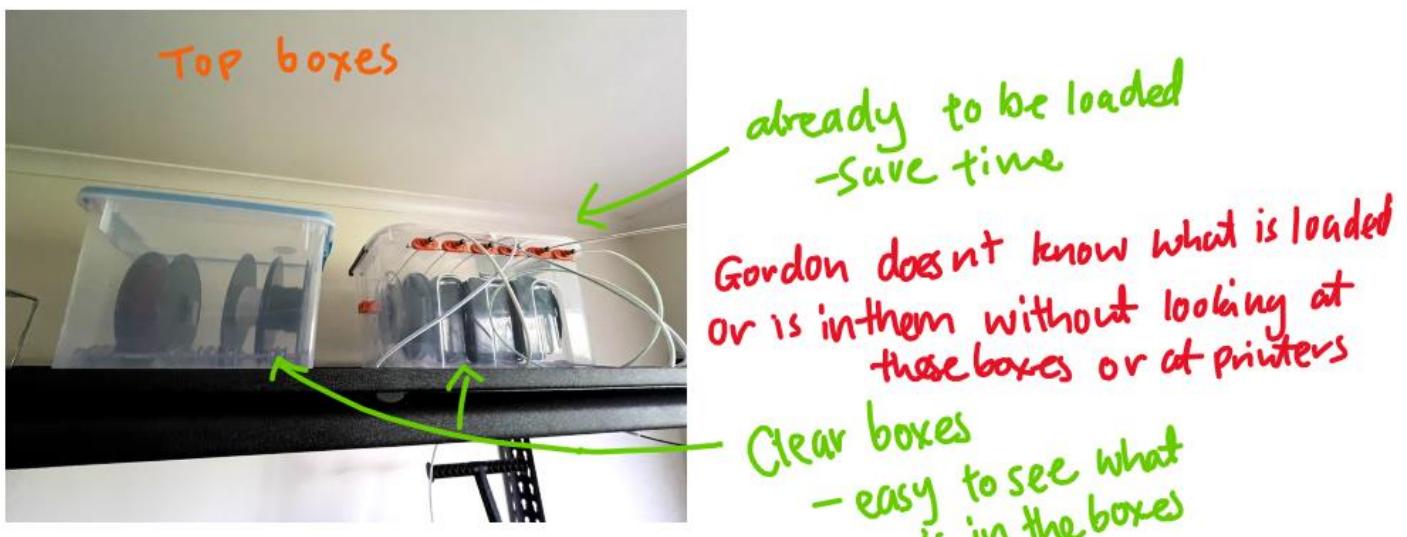


Figure 16 Top boxes



Random / no order
and messy
Gordon doesn't know what he
has or where it is

- QR Codes
 - with these codes you are taken to suppliers website here you can calculate how much is left & re-buy stock (need scales)
- covered boxes good to keep stock for longer
- cannot see colour/type easily
- removes sunlight damage

Figure 17 Filament stock

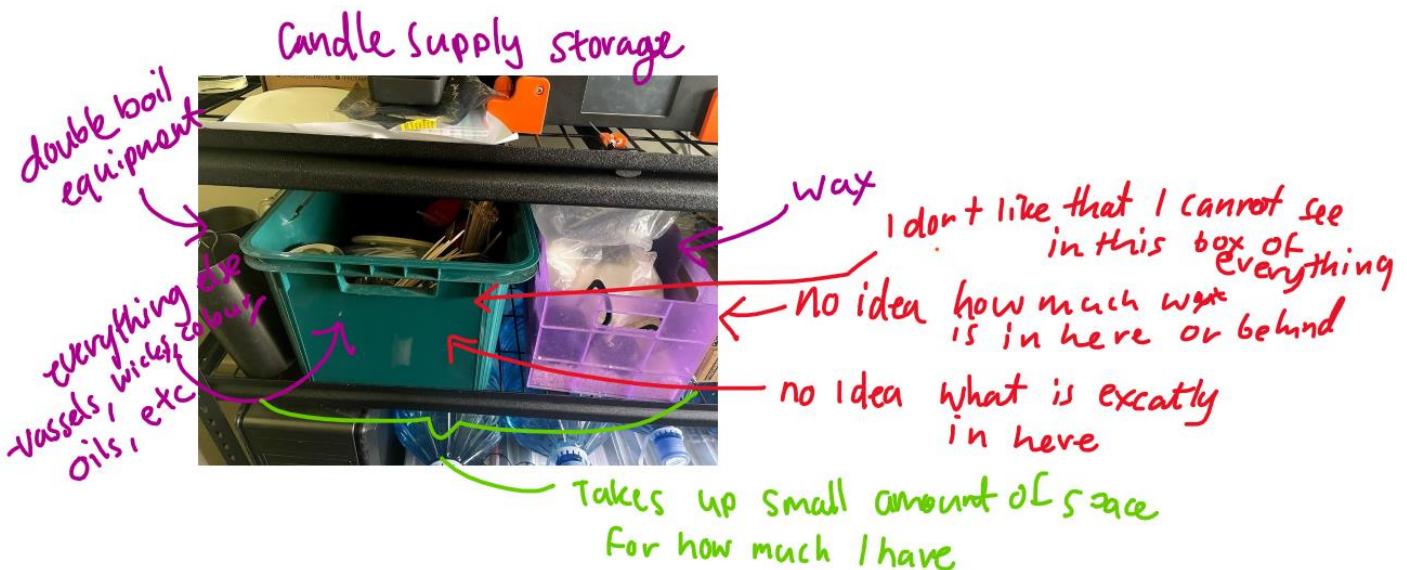


Figure 18 Candle Supply storage

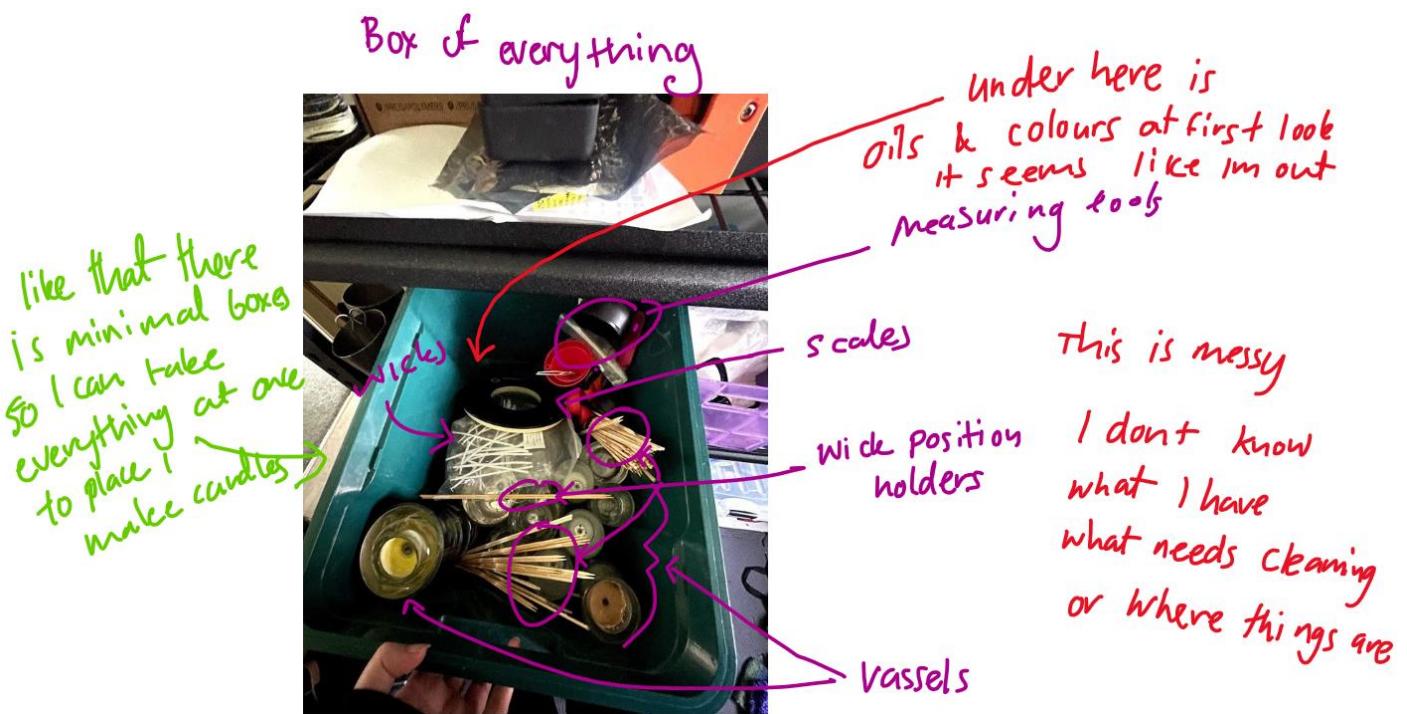


Figure 19 Box of everything

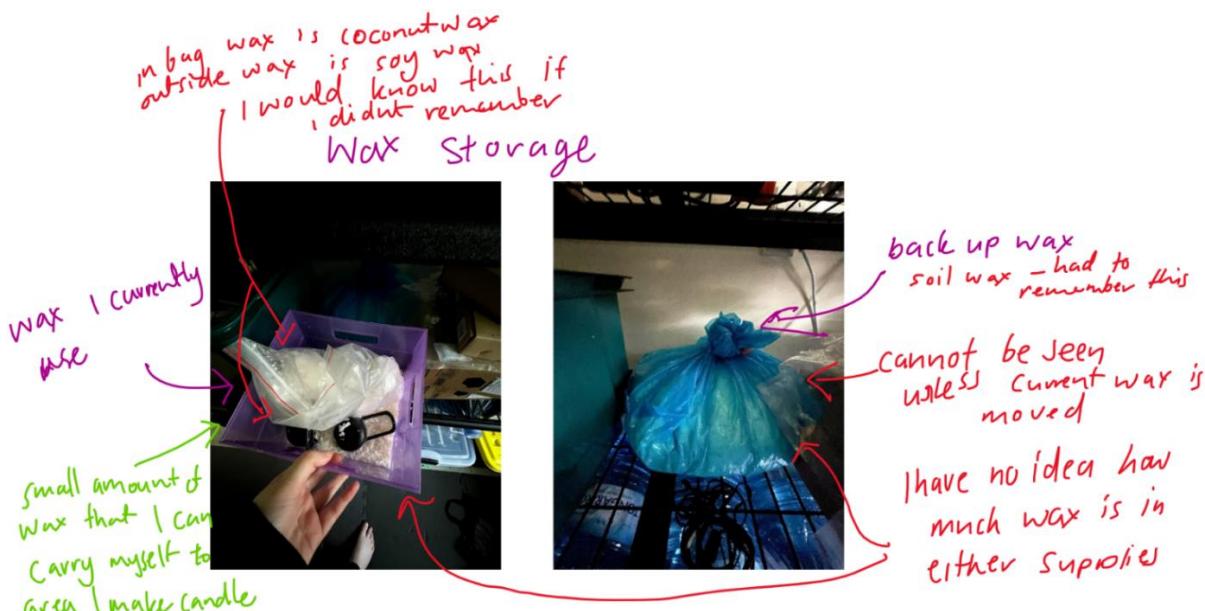


Figure 20Wax Storage

Observation of Gordon 3D Printing

I also watched Gordon participate in one of his hobbies 3D printing from watching him start a 3D print I saw him design a 3D model in software on his PC then go to our garage to look through his top boxes of filament and printer to see what is currently loaded. He also had to look through his current stock of filament to get the desired one to load. He loaded the filament and then return to his PC to send the print to the printer. He then waited for the printer to do its thing. Before he could tidy up the print and have it for whatever he made it for. Whilst waiting for the printer to do its thing I asked him the following questions:

Do you know what filaments are in your top boxes without going to look at them? No

Do you know what filaments you own without going to look at them? No

Do you know how much filaments you have left on each roll? No

Have you repurchased filaments or any other you already have because you didn't know you had them? Yes both filament and acetone

Have you ever printed something and ran out of filament? Kind of I ran out of one colour, but I just load another

Do you keep any sort of inventory? No

Would you like to keep an inventory? Yes

Would you like to know much filament you have left? Yes

Would you like to know filament is currently loaded? Yes

Would you like to know what filament is currently in top boxes? Yes

I asked him these questions because I wanted to see if he agreed with what I was thinking and noticing. He did, he doesn't have any way of knowing what he has or has left, and he will repurchase supplies because he doesn't know if he already owns them or where they are.

Conclusion

After making this observation, talking with Gordon, and thinking about my own candle storage methods I think the solution inventory page should include the following: Recommendation on how to best store items as well as List of supplies with quantities and location. There should be ways of customising the list in regard to order, sections, and current states. There should also be estimation time of when you should repurchase items as well. This will help our users be able to find their supplies and use their current stock instead of repurchasing their supplies meaning they will save money and therefore help solve hobby related issues.

Personas

I created more personas using xtensio <https://app.xtensio.com/templates/#ux-design>

Someone wanting to start a hobby who doesn't know where to start

Darcy Davis



"I want a hobby but just don't know where to start"

Age: 28
Work: Shop Assistant
Family: Single
Location: Wellington

Personality

Introvert	Extrovert
Thinking	Feeling
Judging	Perceiving

Goals

- Wants something to do that isn't on a screen
- Wants to meet new people
- Wants to relax and fun

Frustrations

- Hates research
- dislikes reading
- Doesn't want to spend a lot of money
- Doesn't want to waste her time

Bio

Darcy is single shop assistant in Wellington. They are currently looking for something to do in their free time that is relaxing and fun. They are very confident and friendly person who loves meeting new people being creative and getting to explore there curiosity. They want to find a new hobby but don't know where to start nor do they want to do a lot of research as they dislike reading.

Motivation

Incentive
Fear
Power
Social

Brands & Influencers



Preferred Channels

Traditional Ads
Online & Social Media
Referral

Someone who already has a hobby but is running into hobby related money issues

Gordon Adams



"My hobbies are things I do to relax that are fun and bring me joy."

Age: 26
Work: Dev Ops Engineer
Family: lives with Girlfriend
Location: Wellington

Personality

Introvert	Extrovert
Thinking	Feeling
Sensing	Intuition
Judging	Perceiving

Goals

- A way of managing my supplies
- A way to save time
- increase fun
- save money

Frustrations

- Not having enough time during the workweek for them
- suppliers are overseas
- He repurchases a lot of supplies early as he doesn't know when they will run out and doesn't want to be without

Bio

Gordon is a Dev ops engineer based in Wellington. In his spare time he 3d prints goes on bike rides does lego and play video games. He is a foodie and loves tech.

Gordon is always looking for ways that make his hobbies fun. He likes finding ways to spend less time preparing for hobbies to make more time for himself. He enjoys researching and comparing products and supplies to find the best solution and enjoys being able to express his creativity and challenge his mind.

Motivation

Incentive
Fear
Power
Social

Brands & Influencers



Preferred Channels

Traditional Ads
Online & Social Media
Referral

Background Research and the platform

Tactile Hobby

How to find a hobby as an adult blog page

This is a top suggested page google suggest when you search how to find a hobby

The screenshot shows the homepage of Tactile Hobby. At the top, there's a navigation bar with a logo, 'Explore Hobbies', 'Miniature Painting', and '2021 Gift Guide'. Below the navigation is a search bar with a placeholder 'Search...' and a 'Search' button. Handwritten annotations include 'easy category options' with an arrow pointing to the navigation bar, 'why is there 2' with an arrow pointing to the search bar, and 'Search option for navigation' with an arrow pointing to the search bar. The main content area features a large image of four people engaged in different hobbies: painting, playing a guitar, reading, and working at a desk. The title 'How To Find A Hobby As An Adult' is displayed in red. Below the title is a sub-section titled 'Introduction' with a paragraph of text. Handwritten notes here include 'easy home option' with an arrow pointing to the title, and 'This a blog page but you cannot get back to this page once you leave' with an arrow pointing to the introduction text. Another note says 'Introduces what hobby is' with an arrow pointing to the introduction section. To the right of the introduction, handwritten text reads 'Website that has a blog about hobbies and list hobby different hobbies has guides and a gift guide'. Further down, another note says 'cool tips' with an arrow pointing to the next section. The next section is titled 'How To Find A Hobby: Practical Tips' with an image of three people: one painting, one playing a guitar, and one reading. Handwritten notes include 'goes on a lot of doom scrollin' with an arrow pointing to this section. The final section is titled 'Transform What You Already Enjoy Into a Hobby' with an image of a person reading. Handwritten notes include 'no easy way ba to the top' with an arrow pointing to this section. The last section is titled 'Reclaim Your Childhood Interests' with an image of a person watering plants. Handwritten notes include 'good suggestion though a lot of them' with an arrow pointing to this section.

easy category options

why is there 2

Search option for navigation

easy home option

This a blog page but you cannot get back to this page once you leave

Introduces what hobby is

Website that has a blog about hobbies and list hobby different hobbies has guides and a gift guide

cool tips

goes on a lot of doom scrollin

no easy way ba to the top

good suggestion though a lot of them

The Benefits Of Having A Hobby

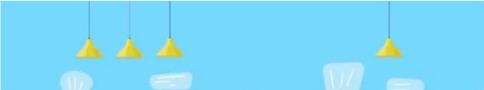


Why exactly should someone have a hobby, anyway? Well, as it turns out, there are a number of benefits to having a hobby!

Better Physical Health

Having a hobby, particularly one that

Relaxing Hobbies To Try



Fitness Hobbies To Try



Skilled Hobbies To Try



Creative Hobbies To Try



Painting, Drawing, and Graphic Design

If you have a skilled hand, trying painting, drawing or graphic design is a good choice of hobby for you.

With these hobbies, you can see the



list a lot of benefits
then list most/all types
of hobby with hobby suggestions
and into

information overload
a lot of reading

down scrolling
no way to top

Conclusion

Finding a new hobby to enjoy can be an incredibly enjoyable experience, but it can be a little difficult to find a new hobby as an adult.

Hopefully, with the help of our guide, you've found some inspiration for what hobbies may work well for you!

Citations

<https://www.16personalities.com/articles/how-personality-types-find-their-hobbies>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5363117/>

<https://www.hopkinsmedicine.org/health/wellness-and-prevention/9-benefits-of-yoga>

<https://www.healthline.com/health/benefits-of-reading-books>

Related Posts:



Rich

I'm a hobby enthusiast with a real love for painting miniatures. I also happen to run this site and write the majority of its content!

Comment testing

no inline references

Company socials

great links to other blog post

only way to see
other blog

◀ PREVIOUS | NEXT ▶

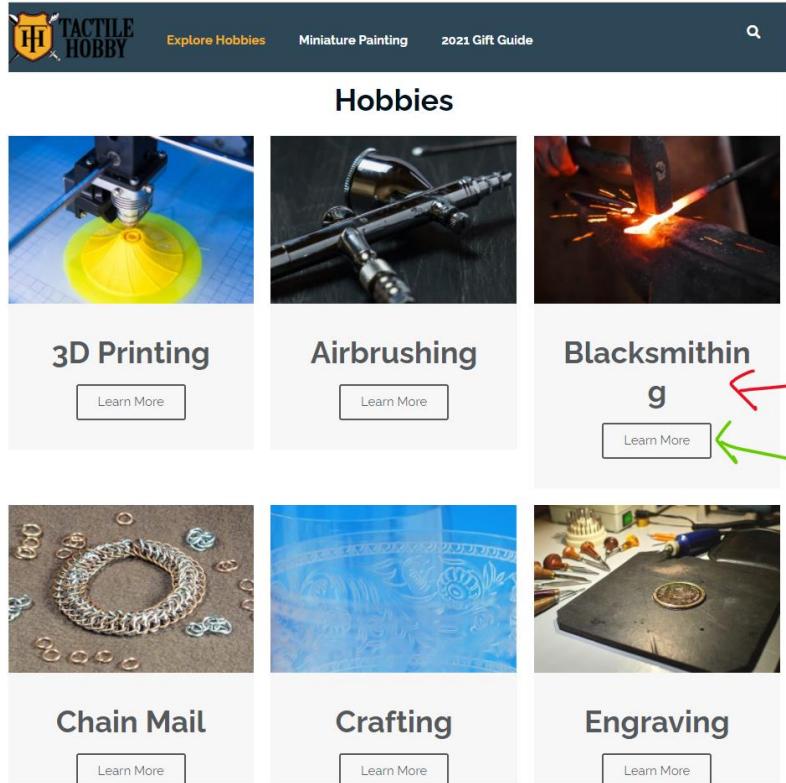
Affiliate Disclaimer	Navigation	Categories
As an Amazon Associate, TactileHobby.com earns from qualifying purchases. This site also participates in other affiliate programs and is compensated for referring traffic and business to these companies.	Home Explore Hobbies About Contact Privacy Policy	Explore Hobbies Miniature Painting 2021 Gift Guide

quick link are great

The screenshot shows the homepage of Tactile Hobby. At the top, there's a navigation bar with links for "Explore Hobbies", "Miniature Painting", and "2021 Gift Guide". Below the navigation is a large banner with the text "GET YOUR HANDS ON A HOBBY" and a subtitle "Away with digital and into tactile." The banner features a photograph of various hobby tools and materials. To the right of the banner, there's a search icon. Below the banner, there's a section titled "Popular Hobbies" featuring three categories: "3D Printing", "Airbrushing", and "Blacksmithing", each with a representative image and a "Learn More" button.

descriptive headings
hard to read
popular sections
photo relate
peak 100s words
clear
obvious buttons

Explore page



← Image that speaks 1000s words
— clear / represent hobby

wrapping issues

clear/obvious button

No way of filtering

No way of sorting

This screenshot shows the '3D Printing' page. It features a large image of a 3D printer with several spools of filament. To the right is a smaller image of a green 3D-printed vase. Below these images is a heading '3D Printing' and a sub-section titled 'What Materials Can Be 3D Printed? Expand Your Horizons!' with a 'READ MORE >' link.

clear heading of page

No way of filter

No way of sorting

like relate images

wrapping / odd image sizes issues

clear titles descriptive

obvious links



Miniature Painting

#1 Best Seller

The Miniature Painting Level Up Guide

I've enjoyed painting miniatures for a while now but remember being overwhelmed when starting out! This 60+ page book will show you: Where to start, how to improve instantly, the best skills to work on and give you a step by step guide. It will save you time, money, and frustration. I wish I had it when I was starting!

THE MINIATURE
PAINTING LEVEL
UP GUIDE
A Quick Start to the Hobby



TACTILEHOBBY.COM

Get Your Copy Today!

Why is this one hobby
given so much attention?

My Personal Recommendations



2021 Gift Guide

Click To View By Hobby

- Miniature Painting
- Model Kit Building & Painting
- Leather working
- Pyrography
- Shoe & Fabric Painting

2021 Gift Guide

what issue does this
solve?

Miniature Painting

#1 Best Seller

The Miniature Painting Level Up Guide

I've enjoyed painting miniatures for a while now but remember being overwhelmed when starting out! This 60+ page book will show you: Where to start, how to improve instantly, the best skills to work on and give you a step by step guide. It will save you time, money, and frustration. I wish I had it when I was starting!



Vallejo Paint Set
This is by far the best set for beginner and advanced hobbyists alike. Great range of colors, best enough variety of the more common shades.

[Check Price on Amazon](#)



Magnifier Lamp
This is the absolute best in catalog items. Nobody NEEDS one, but it won't be turned down either! I use this thing multiple times every day. It's wonderful.

[Check Price on Amazon](#)



Painting Booth
This is the absolute best in catalog items. Nobody NEEDS one, but it won't be turned down either! I use this thing multiple times every day. It's wonderful.

[Check Price on Amazon](#)

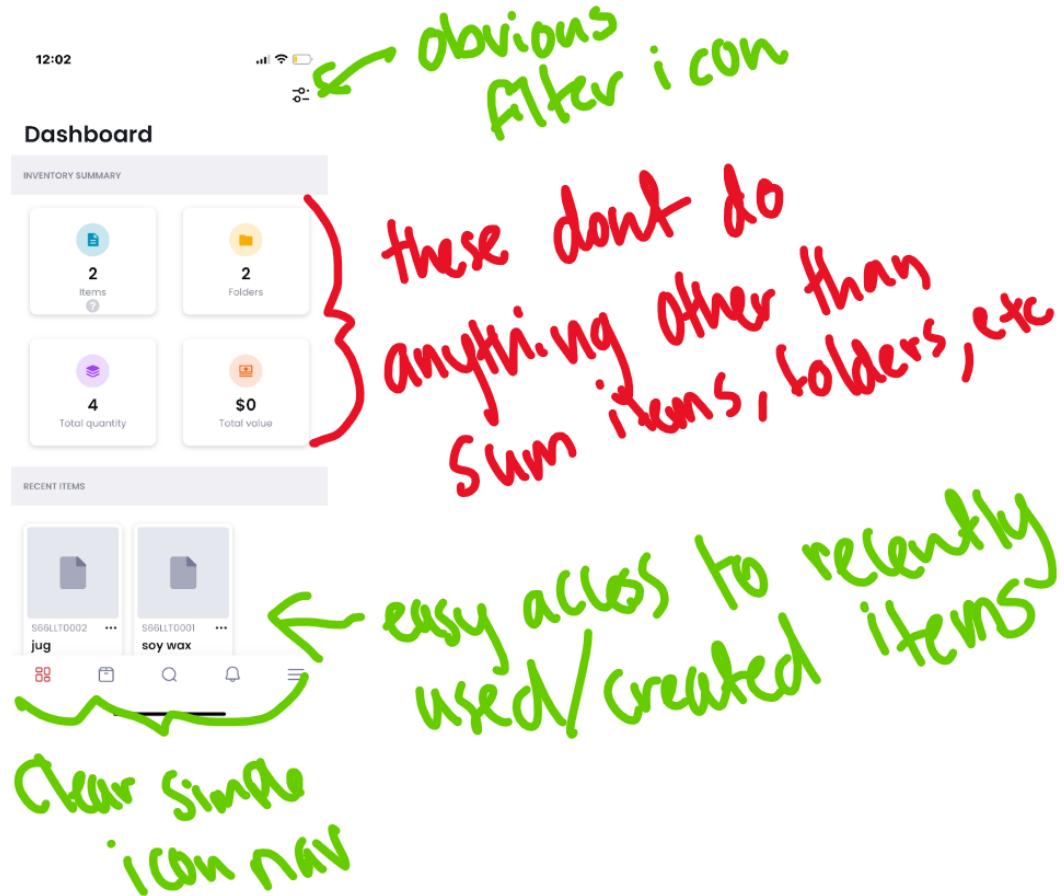
how does this relate?

I don't think gift guide
is needed in our
solution

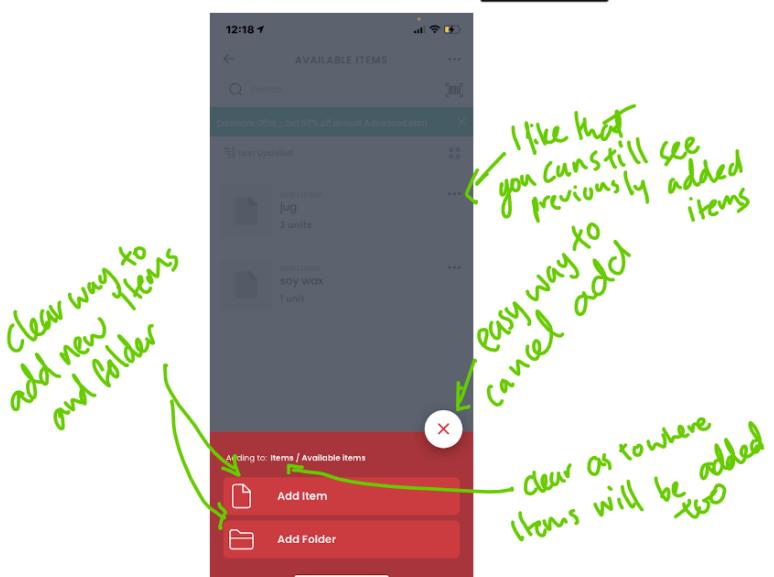
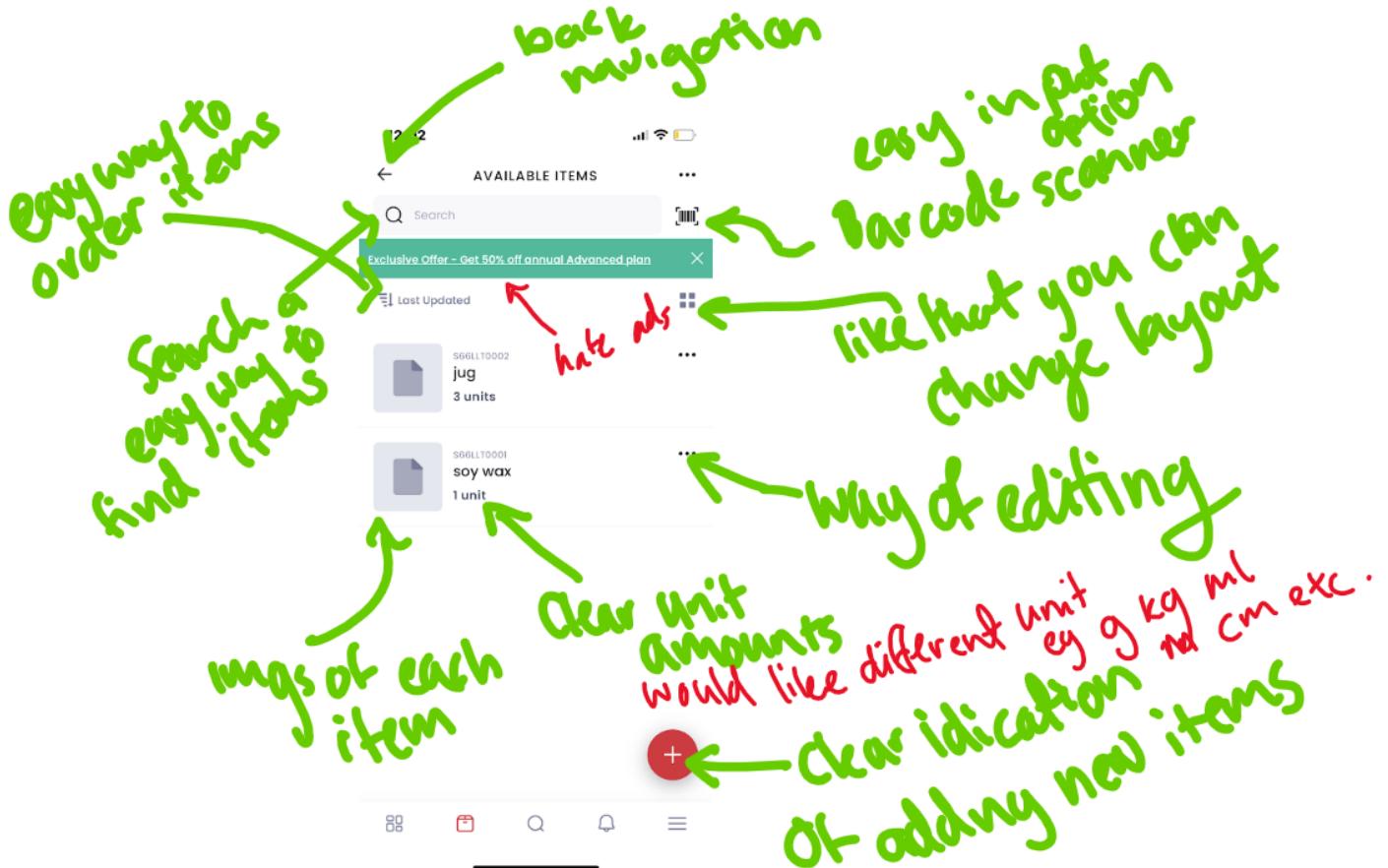
Sortly

An inventory app that is suggested on google when searching for hobby inventory management

Dashboard



Available Items



Goals

The main goal of this app is to be an all in one app for a hobbyist. It will give the user a variety of hobbies as options for them to start. It will have information and step by step guides, an inventory record system as well as ways to connect with other people who share the same interest and hobbies.

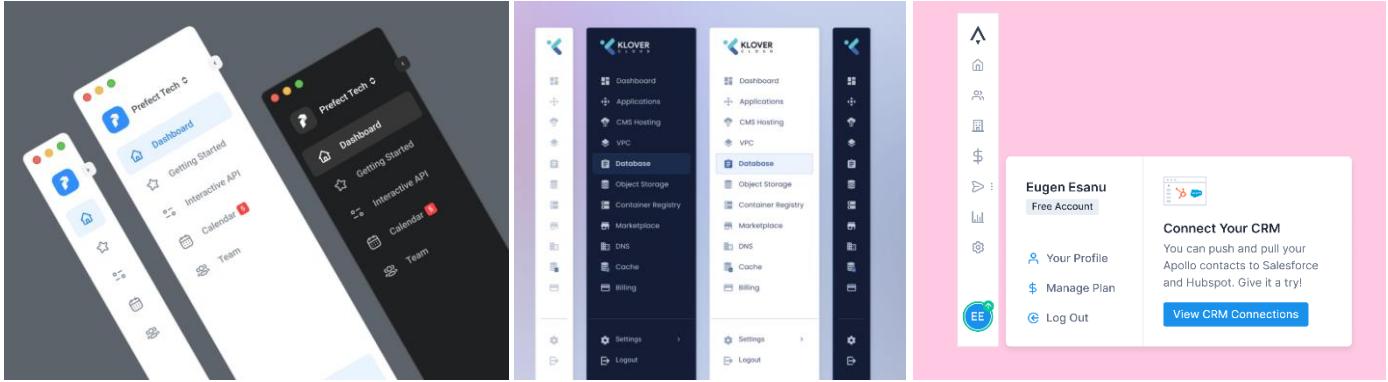
User Requirements

- An explore page that lists various hobbies with catching relatable images that will link to information pages
- The explore page will have subcategories for you (suggestion page for user) categories (page where hobbies are sorted into categories) and favourites (user saved hobbies)
- Explore page will have an option to give the user a random hobby suggestion with the random button
- Hobby information pages will have description of hobby, information about the supplies required, links to how to guides, and links to communities
- The community page will be like a noticeboard where users can post links and information about different hobby related groups that another user can go find and see if they might be interested in posted groups

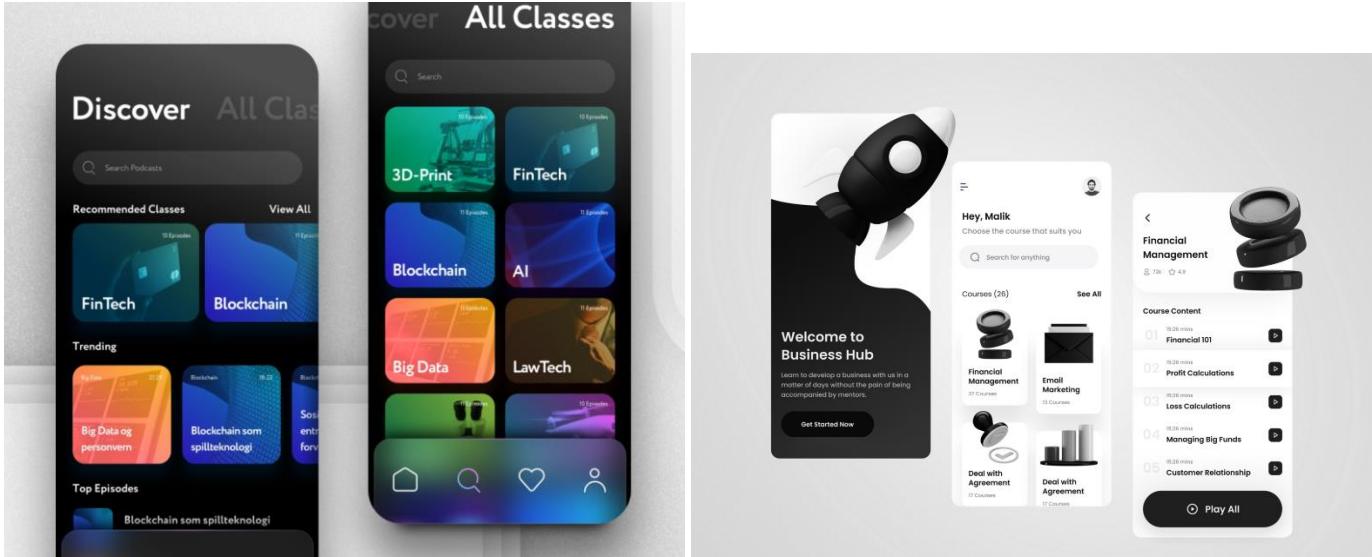
- My Dash will be the user's profile. It will be where users can sign in take a hobby quiz find quick access to saved guides, communities, and suppliers.
- My inventory is a customisable inventory record system. Where users can document what supplies they currently have what they need and where they are located etc.
- Supplier is user can find where to purchase different supplies and get comparisons

Design Ideas

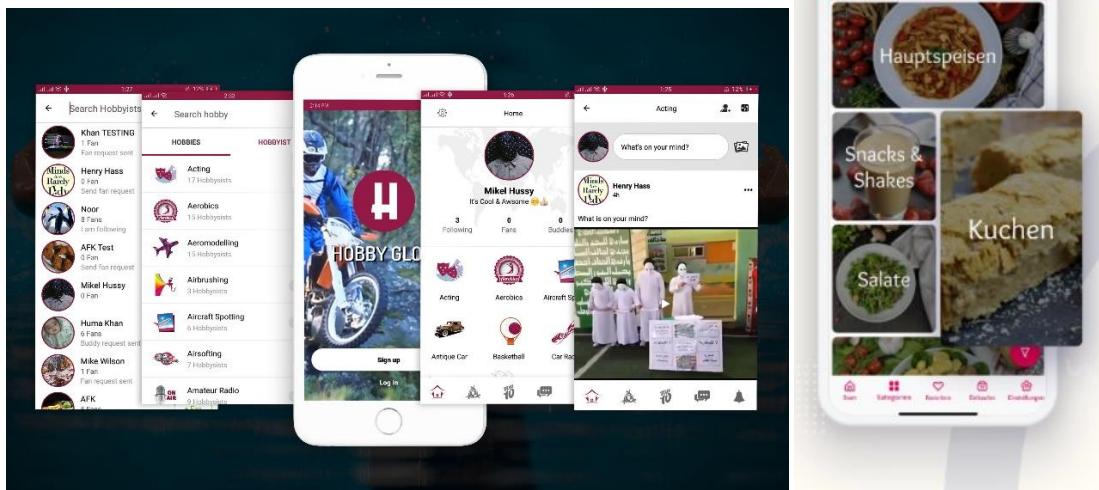
Navigation



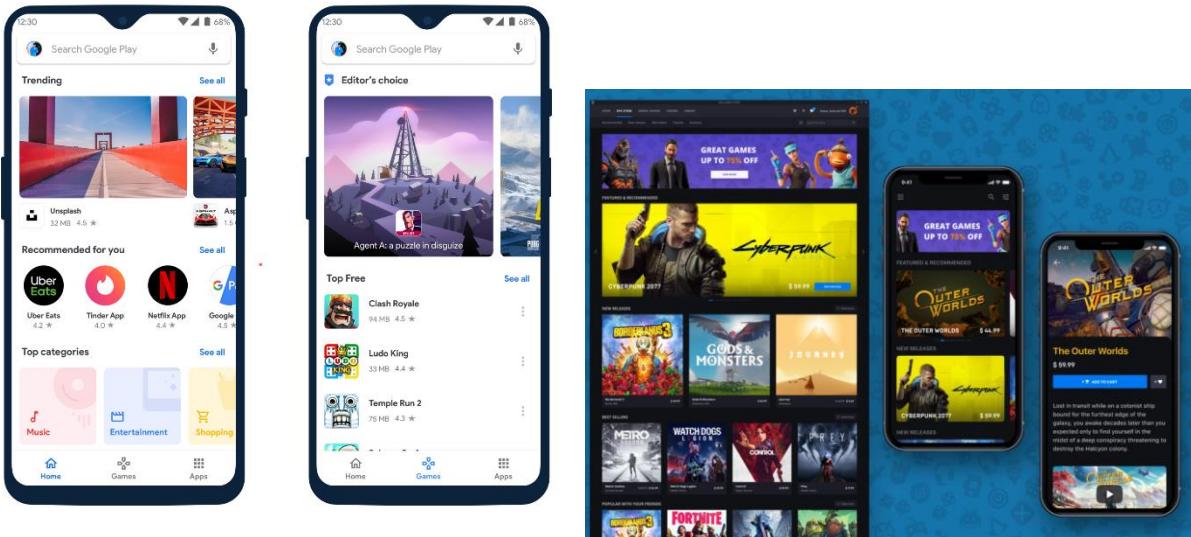
Explore



Clearly Structured Categories



Google Play



Google Play

Search here

Audio Books Now On Google Play
Explore your favorite audio books

New Release Movies
Catch the latest blockbusters

New Release Hit Films

View All

Marvel's Avengers: Infinity War (Action & Adventure)
Rampage (Action & Adventure)
Black Panther (2018) (Action & Adventure)
A Quite Place (Hindi) (Drama)
Jumanji (Action & Adventure)
Spider-Man (Homecoming) (Action & Adventure)

New Ebook Releases & Pre-Order

View All

Karan Thapar, Amit Lodha, The Empire of Ashes, Sarah J. Maas, Harry Potter and the Cursed Child, Hooked

Hobby Information pages

PRODUCT DETAILS

Type: winter
Brand: Avon
Model: 235
Year From: 2019

Reviews:

- Albert Flores: 5 stars, 25 April 2020, "The tire on my tractor is extremely unique, as it is a one-off so no other is the same."
- Annette Black: 5 stars, 10 Jan 2020, "An excellent investment in a tractor tire at a reasonable price. Very off the competitive date with great performance. I would recommend this product."

Terra Former Tractor Light Performer D1
\$528.25

CART

- Open Country Supped Frontier studded tire \$2575.00
- Outdoor Performance 0099 by Pirelli \$250.00
- Offroad Outlast TCR Patented Advanced \$1270.00

Total: \$4095.00

Courses

Home Courses People Analytics

Adventure Sports, Fear Of Driving And Automatic Negative Thoughts, Sales and Operations, Marketing

LIBRARY

Playlists, Artists, Albums, Songs

DISCOVER

Store, Radio, For You, Browse

Store

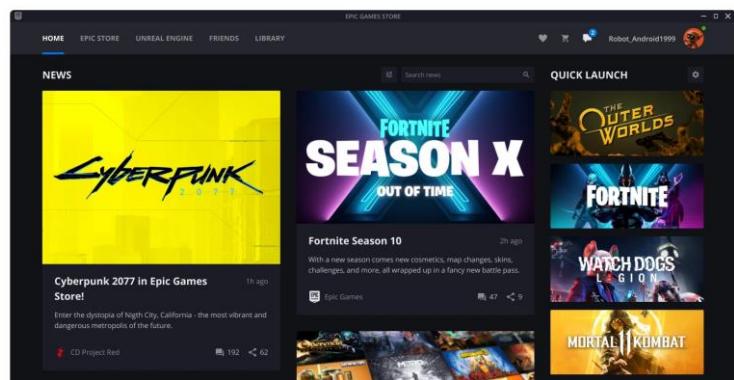
New Releases

Beyond Fear - Jason Mraz

Work, Consideration, Kiss It Better, Consideration

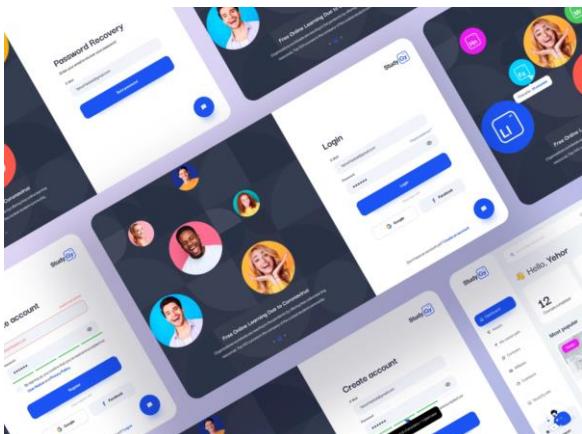
Try it Free, Free trial 30 days, Without annual payment, More than 10,000 tracks

Community

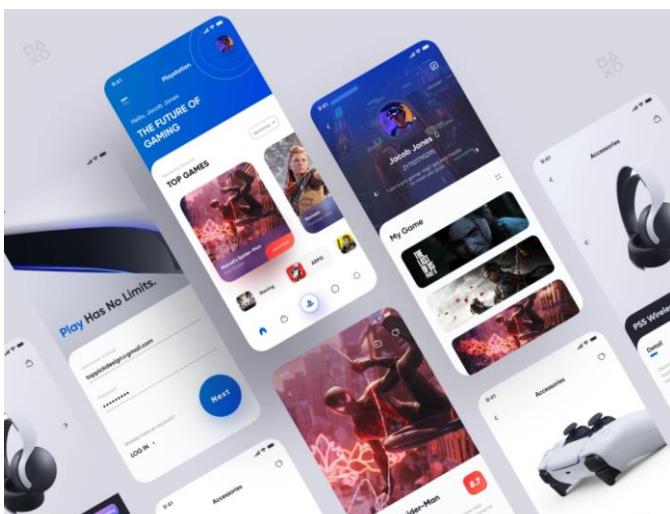


A collage of four screenshots from various mobile applications. From left to right: 1) A magazine spread titled 'STAY IN THE LOOP AT A MOMENT'S NOTICE' with numbered articles 01 through 06. 2) A 'Your Board' screen showing a grid of items related to UI design. 3) A profile page for 'Florence E Miller' with a bio, likes, comments, and follower counts. 4) A 'Search' screen displaying a grid of diverse images including landscapes, products, and people.

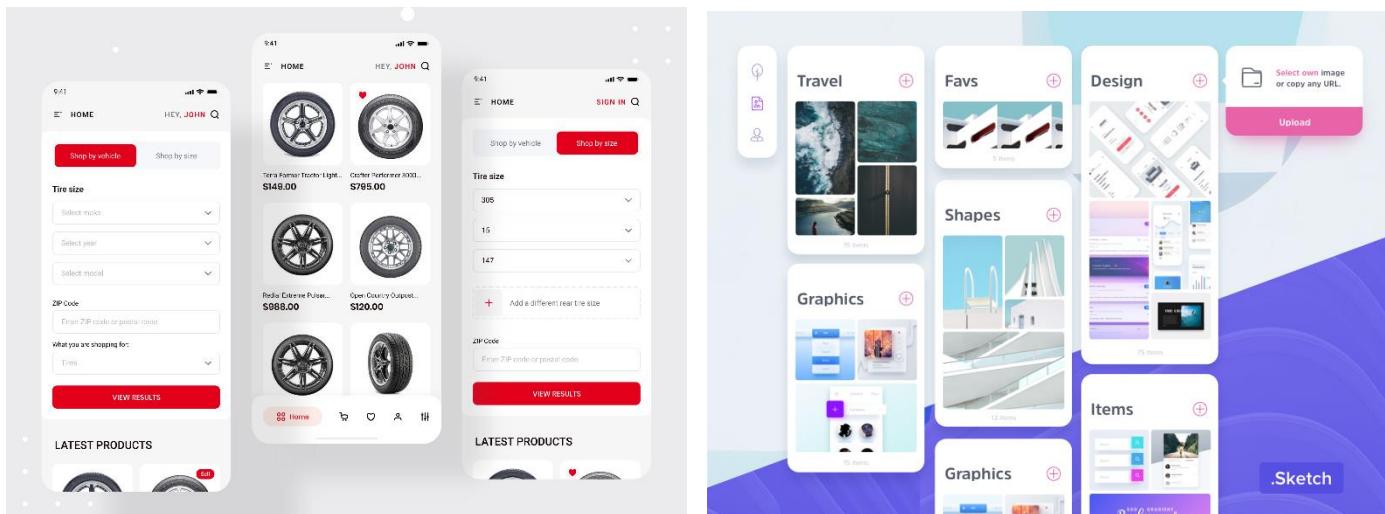
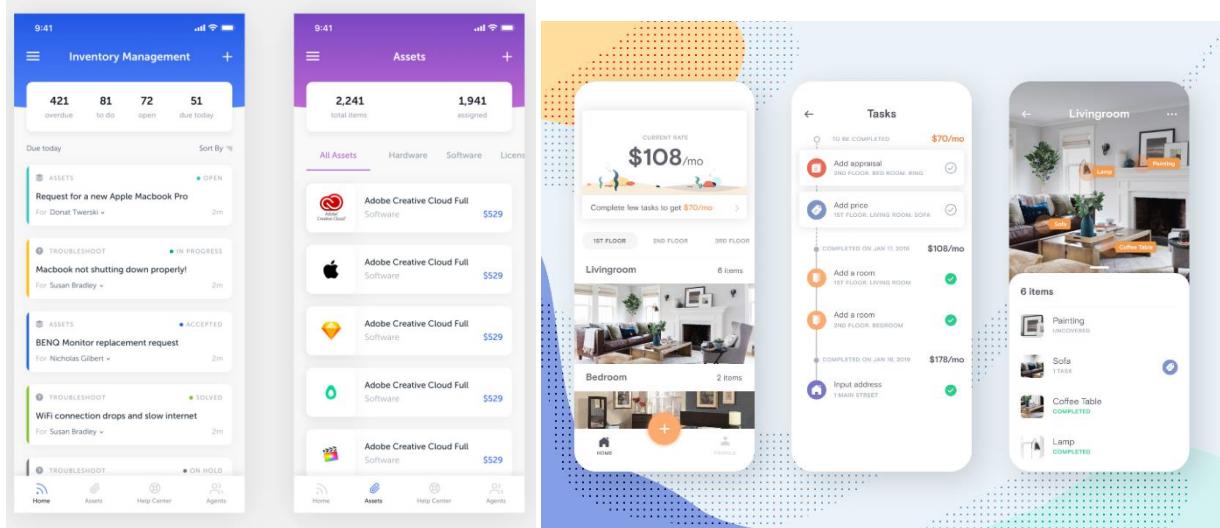
My Dash



A screenshot of a sign-up form for 'Stages'. The form includes fields for 'First name', 'Last name', 'Email', and 'Create password'. Below the form is a note: 'Password must be at least 8 characters long.' At the bottom is a blue 'Sign up' button. To the right, there's a large blue background graphic with the text 'Explore your creativity' and a subtext: 'Discover new skills, meet passionate teachers and become a part of the most helpful community of creatives in the world.'



Inventory



Usability goals and Functional goals

Usability Goals

The following are the goals are on what the user will be able to do in the solution hobby search. If all these goals are met the issue of not being able to find a hobby easily as an adult and hobby related money issues will be solved.

1. User will be able to explore and find new hobbies by skimming through a list of hobbies, by filtering and sorting the list and by use of search terms to narrow down the list.
2. User will be able to take a quiz that will give them suggested hobbies depended on their answers
3. User will be able to click a randomise button option and random hobby will be given to them
4. User will be able to save hobbies to their favourites
5. User will be able to get a clear understanding of what each hobby involves, how to do it and where they can connect with likeminded people
6. User will be able to suggest new hobby guides
7. User will be able to save guides to their favourites
8. User will be able to find different communities for each hobby where they are able to connect with other likeminded people. People that share the hobby as a common interest
9. User will be able to suggest new community postings
10. User will be able to save community postings to their favourites
11. User will be able to find suppliers and be able to compare them to others
12. User will be able to save suppliers to their favourites
13. Users will be able to log a log of their own supplies in their inventory. The inventory will be customisable having fields for quantity, notes, location, expiry dates, status etc.

Empathy Map

Made an empathy map using Lucid Chart https://lucid.app/documents#/templates?folder_id=home



Testing Framework

To test my prototypes, I will get people in my class to use the prototypes and answer one of following evaluation questionnaires, heuristic evaluation, usability evaluation and design evaluation

Heuristic Evaluation

Name:

Prototype :

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

Usability Evaluation

Questionnaire made in Google forms and can be found here: <https://forms.gle/nPTFJmUbDKem7GUc8>



1. What prototype are you testing?

- Low Fidelity
- High Fidelity

2. Can you easily identify multiple different hobbies? YES/NO

3. How easy is it to find different hobbies?

Mark only one oval.



4. Are you able to filter down the list of hobbies? YES/NO

5. Are you able to sort the list of hobbies? YES/NO

6. Does the filters and sorting options help narrow your search?

- Yes, both helped
- Only with filters options
- Only by sorting
- No, neither helped

7. Are you able to find hobby based on given search terms? YES/NO

8. Are you able to get a random hobby from a randomised button option? YES/NO

9. Are you able to take hobby quiz to narrow down hobby list with suggested hobbies? YES/NO

10. Are you able to save your favourite hobbies? YES/NO

11. Are you able to find hobby description and information about hobby? YES/NO

12. Are you able to find how to guides? YES/NO

13. Are you able to suggest new hobby guides? YES/NO

14. Are you able to save your favourite guide? YES/NO

15. Are you able to communities related to given hobby? YES/NO

16. Are you able to suggest new hobby community groups? YES/NO

17. Are you able to save your favourite community posting? YES/NO

18. Are you able to find suppliers? YES/NO

19. Can you make comparison between suppliers? YES/NO

20. Are you able to save your favourite suppliers? YES/NO

21. Are you able to keep record of your current inventory of supplies? YES/NO

22. Are you able to customise your inventory record to your own liking? YES/NO

23. Any suggestions for improving inventory record keeping

24. Any suggestions for improving the app overall?

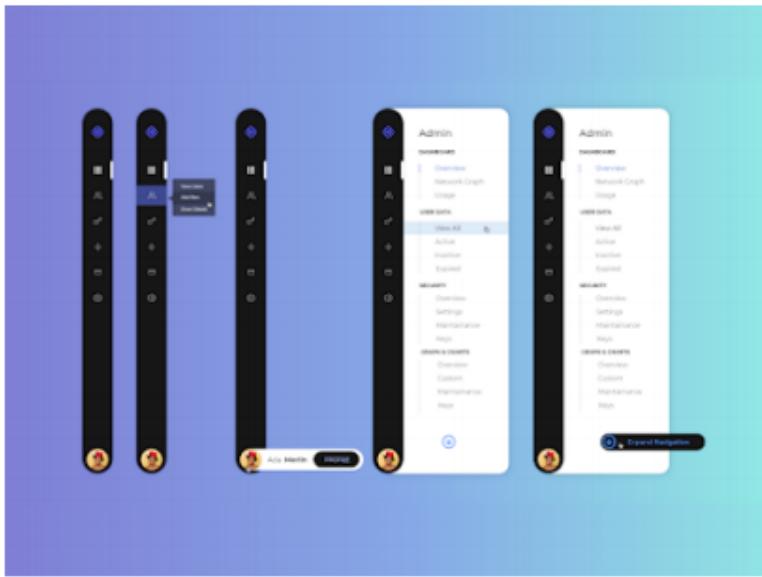
Design Evaluation

Questionnaire made in Google forms and can be found here: <https://forms.gle/ieP1oWQQfJeXsmXX7>



Hobby Search Design Evaluation

1. Do you like the main side navigation? Like the example shown below

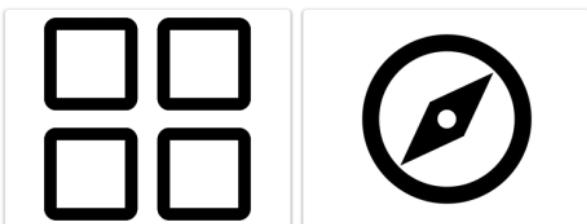


Mark only one oval.

- Yes
 No

2. What icon best represent Explore page?

Mark only one oval.



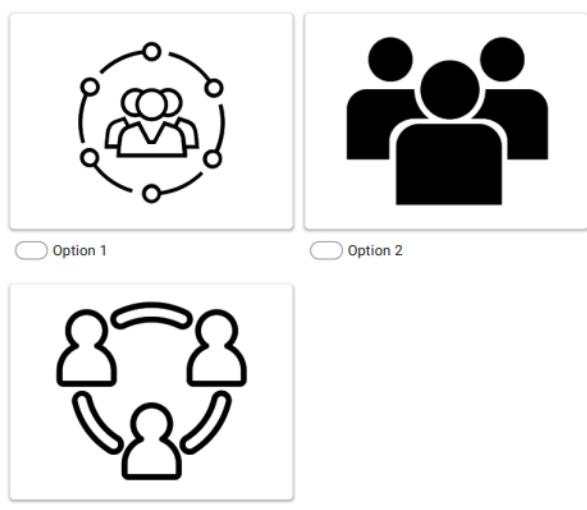
Option 1

Option 2

Option 3

3. What icon best represent the Community page?

Mark only one oval.



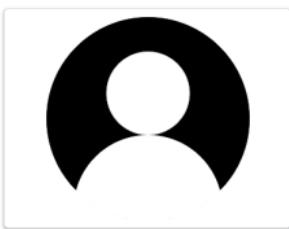
Option 1

Option 2

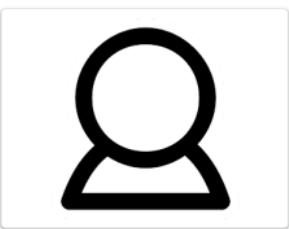
Option 3

4. What icon best represent the user's profile page My Dash?

Mark only one oval.



Option 1



Option 2



Option 3

5. What icon best represent the user's inventory record page My Inventory?

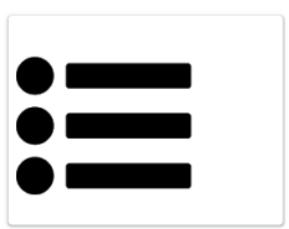
Mark only one oval.



Option 1



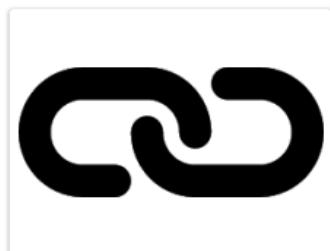
Option 2



Option 3

6. What icon best represent the suppliers page?

Mark only one oval.



Option 1



Option 2



Option 3



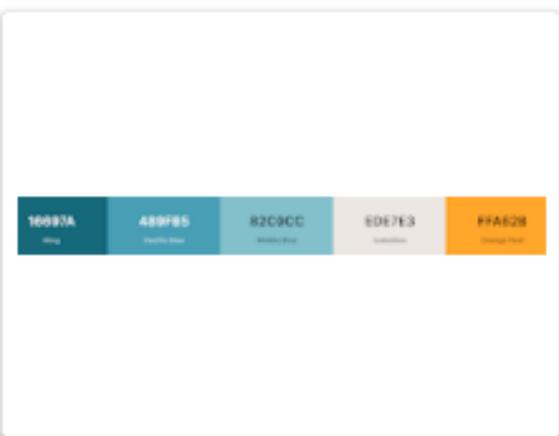
Option 4



Option 5

7. What colour scheme do you like most?

Mark only one oval.



Option 1



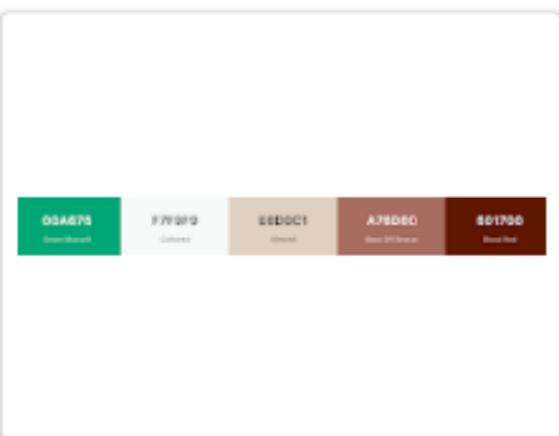
Option 2



Option 3



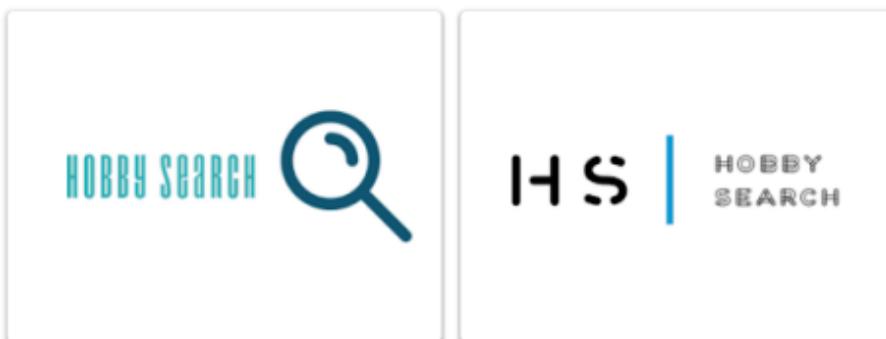
Option 4



Option 5

8. What logo do you think represent Hobby Search the best?

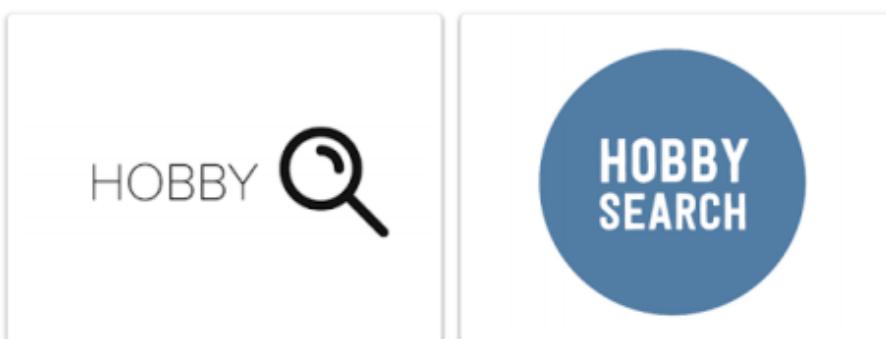
Mark only one oval.



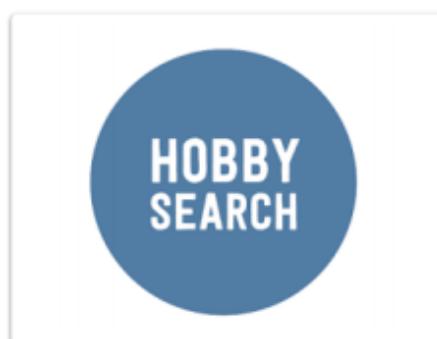
Option 1



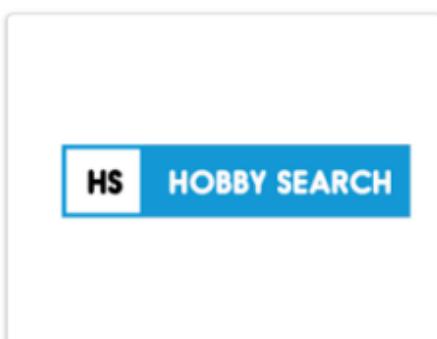
Option 2



Option 3



Option 4



Option 5

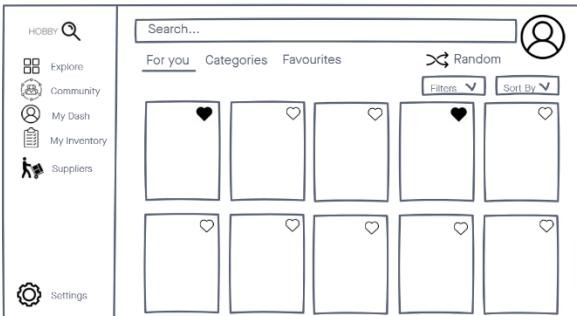
Initial Prototypes

Made in in Vision found here:

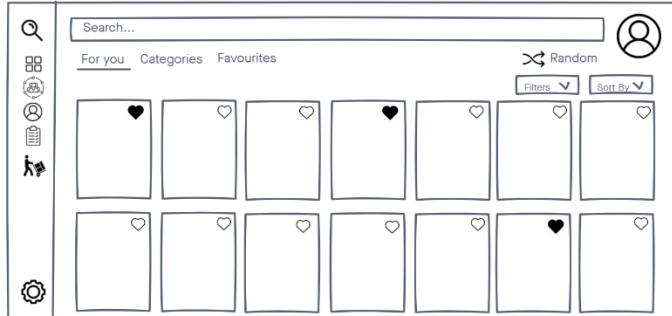
<https://michelleholmes611723.invisionapp.com/console/share/J62NT3I0SP/655875422>

Explore

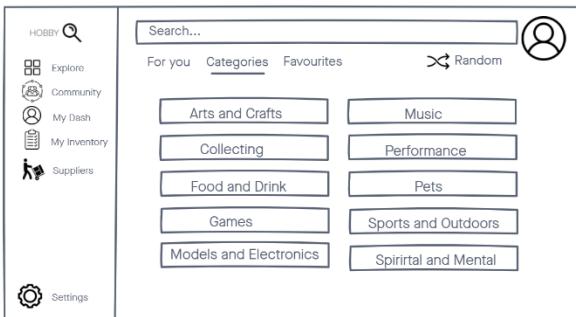
Explore For You



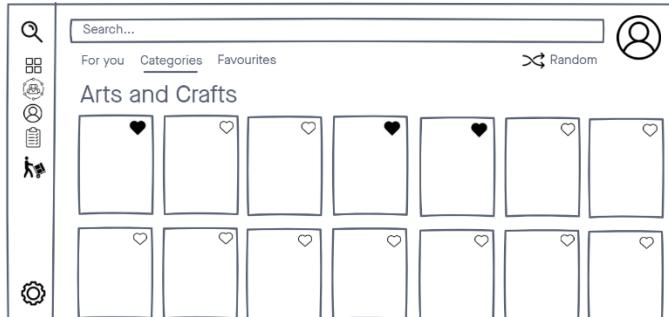
Explore For You



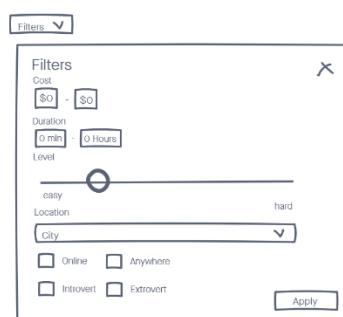
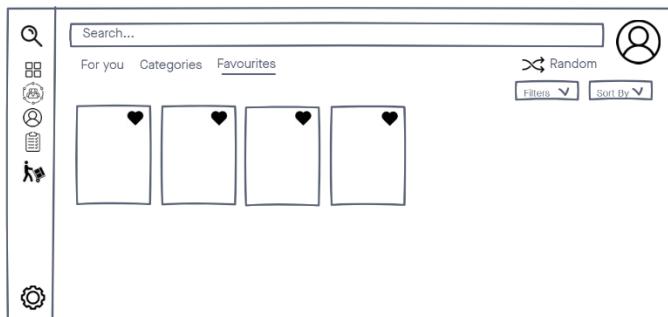
Explore Categories



Explore Categories

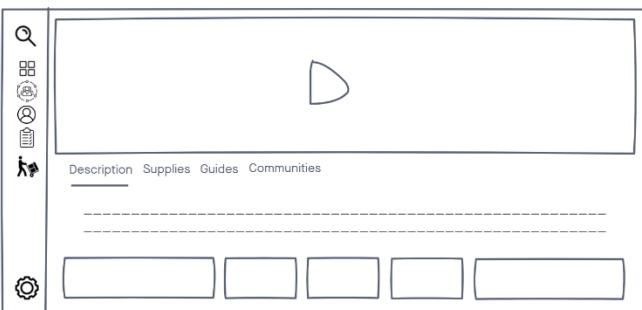


Explore Favourites

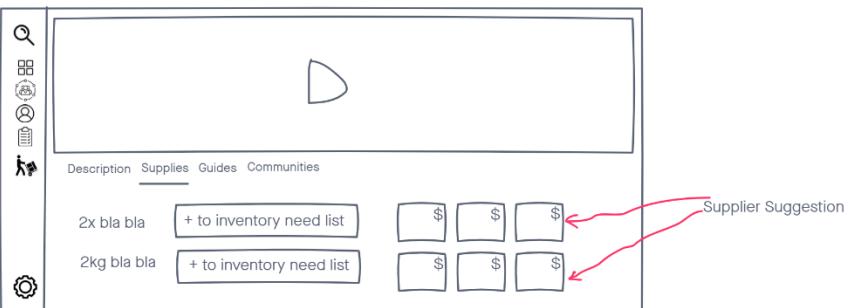


Hobby Card

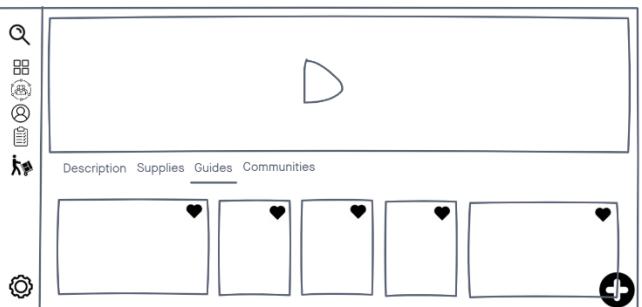
Hobby Info Description



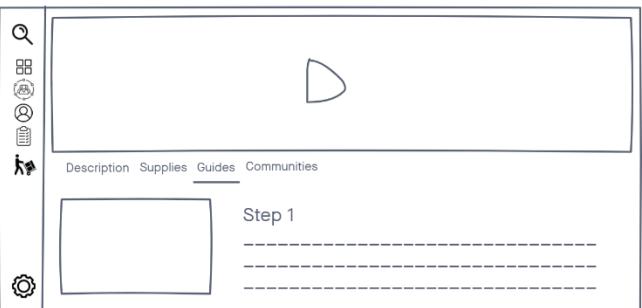
Hobby Info Communities



Hobby Info Guides



Hobby Info Guides



Hobby Guide Add new

Suggest New Guide

banner img / Video

upload

Step img / Video

upload

Title

Hobby type

Skill Level

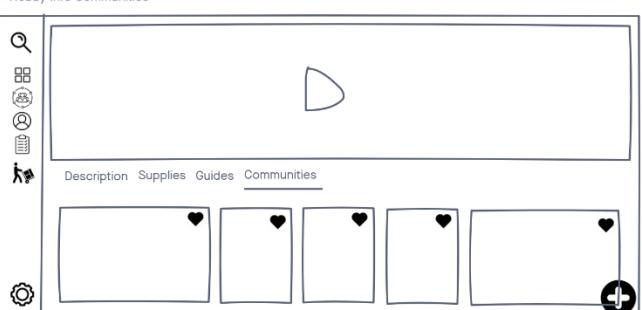
Easy Hard

Step name

Description

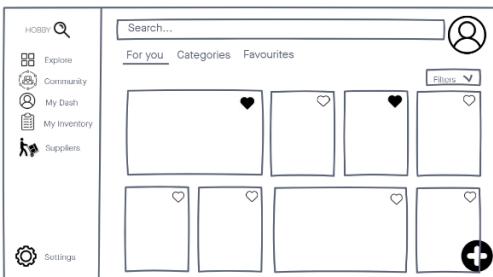
+
Add next Step
💾

Hobby Info Communities

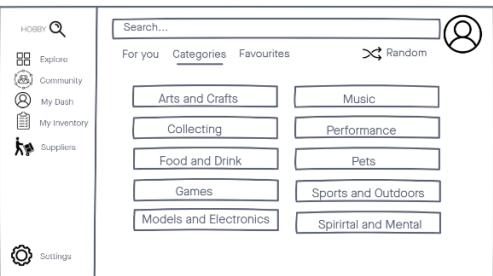


Communities

Community For You



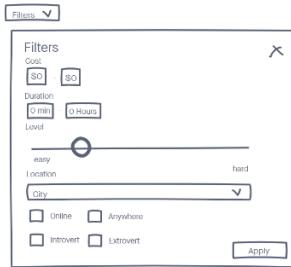
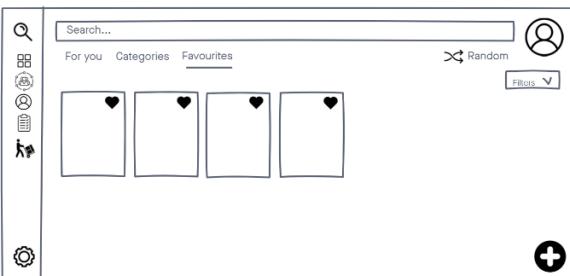
Community Categories



Community Categories



Community Favourites



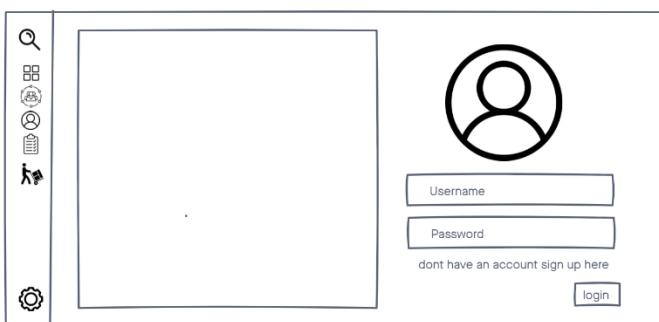
Community Add new

Suggest New Community

Community Listing

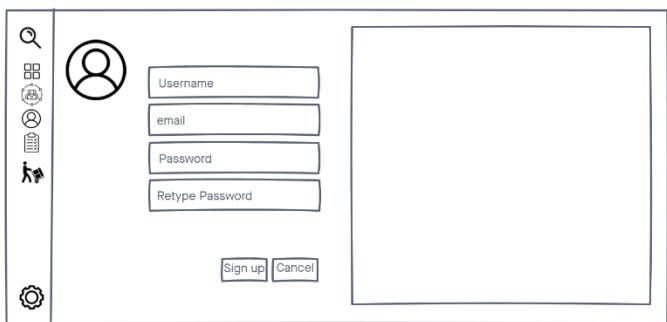
My Dash

My Dash Login



My Dash Login wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a large empty box, a user icon, and a login form with fields for Username and Password, and a 'login' button. A link 'don't have an account sign up here' is at the bottom.

My Dash Sign up



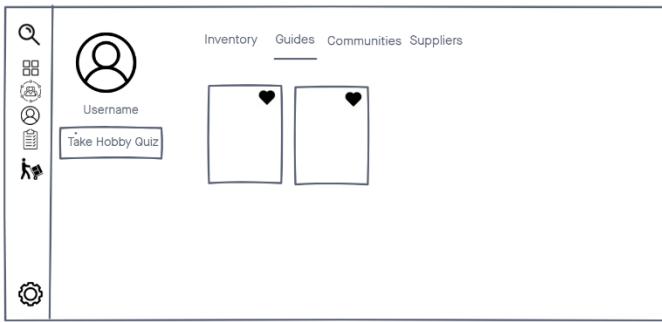
My Dash Sign up wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a user icon, a sign-up form with fields for Username, email, Password, and Retype Password, and 'Sign up' and 'Cancel' buttons. A large empty box is on the right.

My Dash Inventory



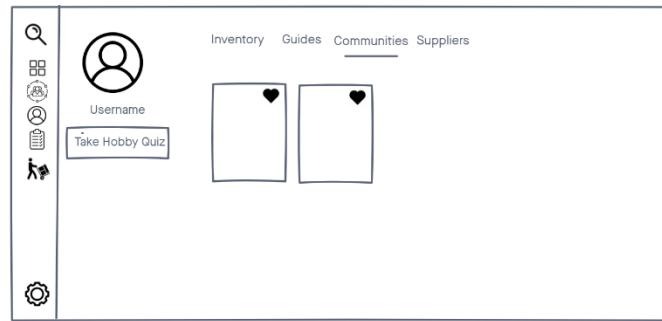
My Dash Inventory wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a user icon, a navigation bar with tabs: Inventory, Guides, Communities, Suppliers (selected). It shows a list of items: 'Folder' with '2x bla bla' and '2kg bla bla'; another 'Folder' with '2x bla bla' and '2kg bla bla'. A large empty box is on the right.

My Dash Guides



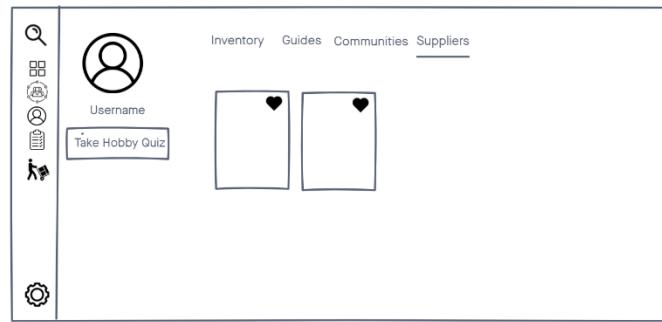
My Dash Guides wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a user icon, a navigation bar with tabs: Inventory, Guides (selected), Communities, Suppliers. It shows a list of items: 'Username' and 'Take Hobby Quiz'. Two empty boxes with hearts are shown on the right.

My Dash Communities



My Dash Communities wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a user icon, a navigation bar with tabs: Inventory, Guides, Communities (selected), Suppliers. It shows a list of items: 'Username' and 'Take Hobby Quiz'. Two empty boxes with hearts are shown on the right.

My Dash Suppliers



My Dash Suppliers wireframe showing a sidebar with icons for search, file, user, and gear. The main area has a user icon, a navigation bar with tabs: Inventory, Guides, Communities, Suppliers (selected). It shows a list of items: 'Username' and 'Take Hobby Quiz'. Two empty boxes with hearts are shown on the right.

My Inventory

My Inventory Add

Inventory Guides Communities Suppliers

Folder

2x bla bla ...

2kg bla bla ...

Folder

2x bla bla ...

2kg bla bla ...

New Folder

New Item

My Inventory Details

Inventory Guides Communities Suppliers

Folder

bla bla

Quantity Units Min Level
Store in...

Notes

My Inventory Edit Folder

Inventory Guides Communities Suppliers

Folder ✓

2x bla bla ...

2kg bla bla ...

Folder

2x bla bla ...

2kg bla bla ...

My Inventory Add Edit Item

Inventory Guides Communities Suppliers

Name

Quantity Units Min Level
Upload

Store in...

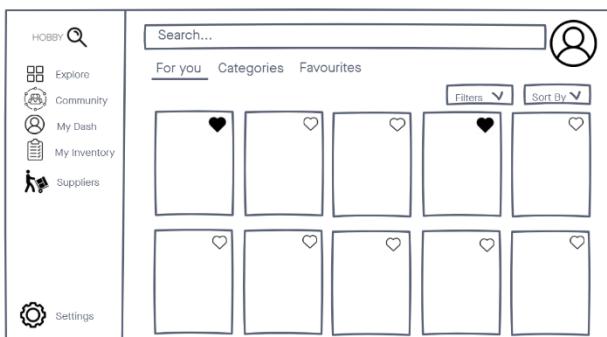
Notes

+ Add Field

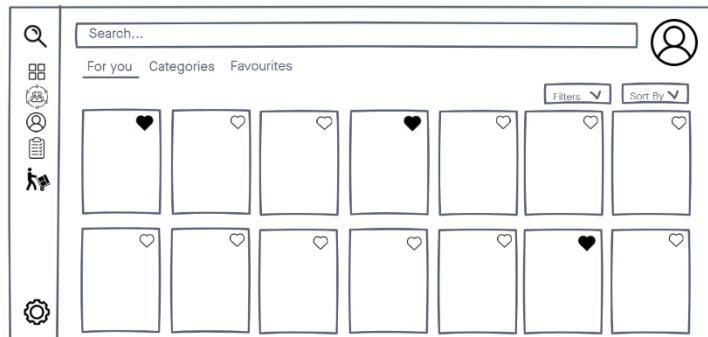
X ✓

Suppliers

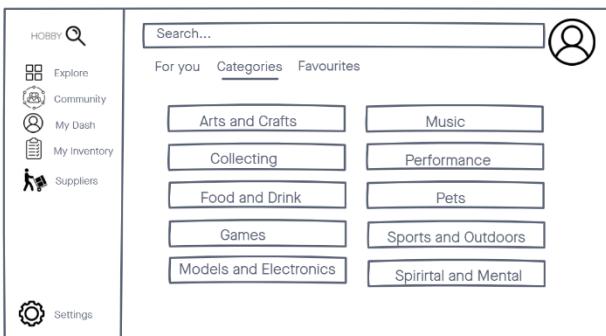
Suppliers For You



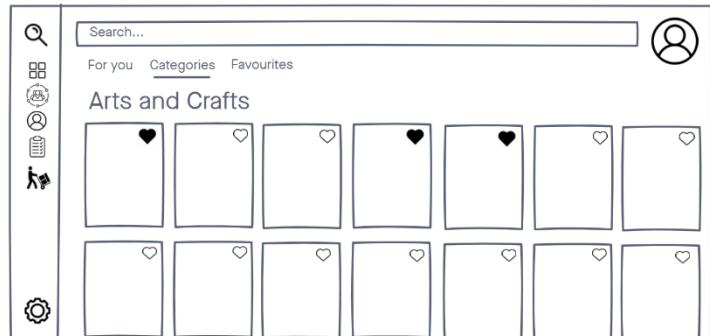
Supplier For You



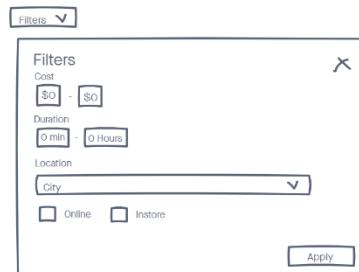
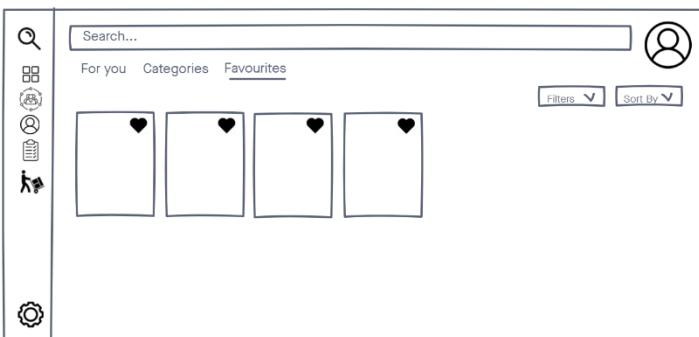
Suppliers Categories



Suppliers Categories



Suppliers Favourites



Suppliers



Testing

Heuristic Evaluation

Heuristic Evaluation

Name:

Prototype : Low

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

Visibility of system status could be improved with more overlays that explain what system is doing or has done however is seen in having a logged in DRV
Never navigation give user control and freedom
Tools like standards are being upheld therefore recognition rather than recall
not help or documentation
not prompts to reset password or FAQ in forms

Heuristic Evaluation

Name:

Prototype : Low

Heuristic Followed

- Visibility of system status
- Match between system and the real world
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- Error prevention
- Recognition rather than recall
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Heuristic Violated

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- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

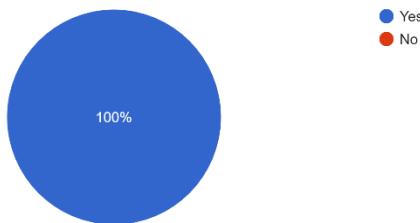
(Please give example of where heuristic were followed well or violated and any other suggestions)

*Help users recognise diagnose & recover from errors violate by not have any way to recover from forgotten passwords and no error msg,
*Error prevention no prints or notes on what to follow in forms
*Match between system & real world is followed with icons

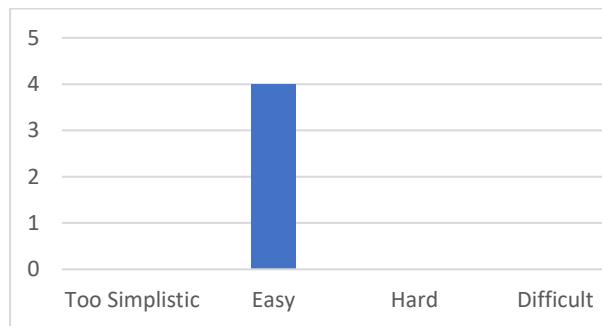
From getting back the results of these evaluations even though I only go 2 response it clear to see that I need to include more ways to help the user recognise, diagnose, and recover from errors as well as error preventions To do so I should include prompt as to what should be included in form fields ways to reset forgotten passwords and have help manual or FAQ that can help users use the app

Usability Evaluation

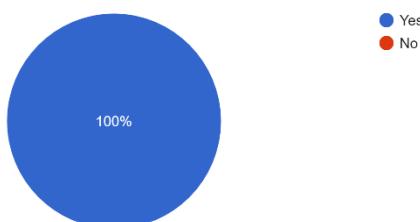
1. Can you easily identify multiple different hobbies?



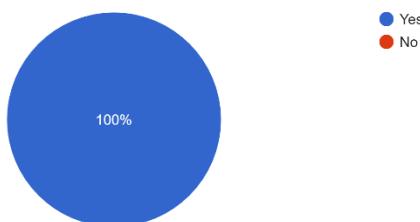
2. How easy is it to find different hobbies?



3. Are you able to filter down the list of hobbies?



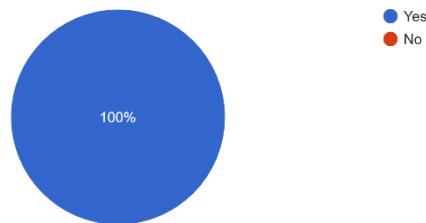
4. Are you able to sort the list of hobbies?



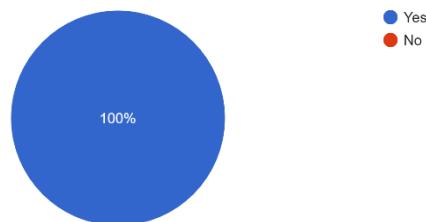
5. Does the filters and sorting options help narrow your search?



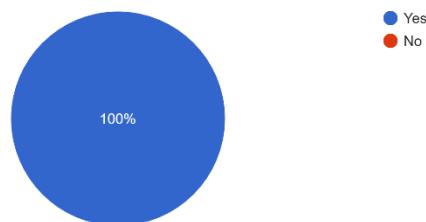
6. Are you able to find hobby based on given search terms?



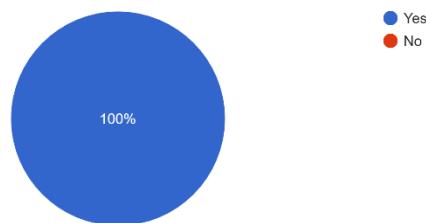
7. Are you able to get a random hobby from a randomised button option?



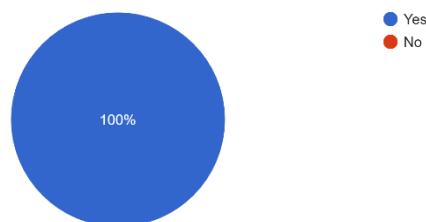
8. Are you able to take hobby quiz to narrow down hobby list with suggested hobbies?



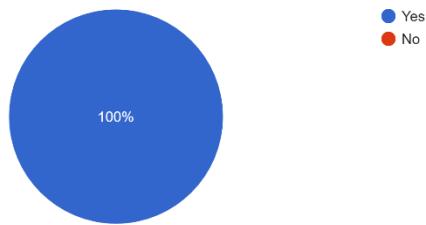
9. Are you able to save your favourite hobbies?



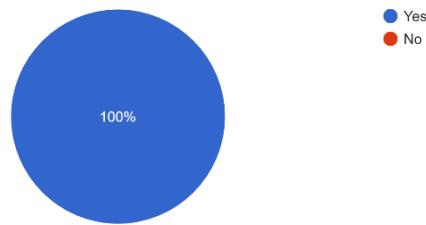
10. Are you able to find hobby description and information about hobby?



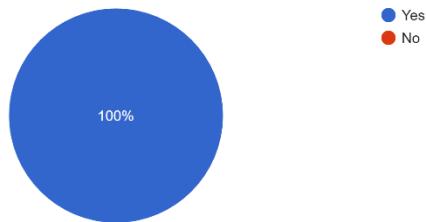
11. Are you able to find how to guides?



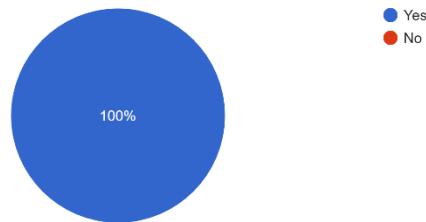
16. Are you able to save your favourite community posting?



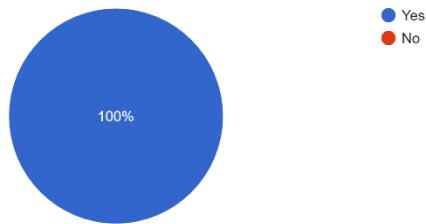
12. Are you able to suggest new hobby guides?



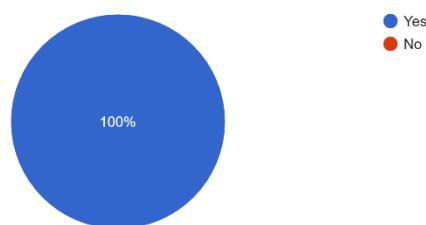
17. Are you able to find suppliers?



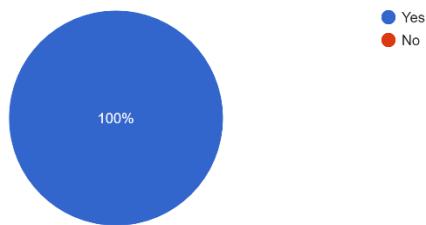
13. Are you able to save your favourite guide?



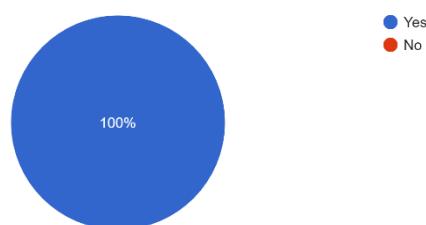
18. Can you make comparison between suppliers?



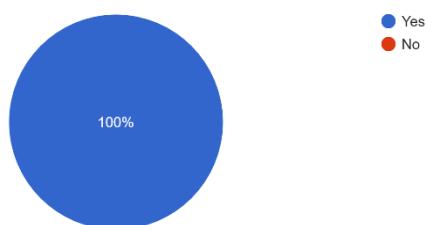
14. Are you able to communities related to given hobby?



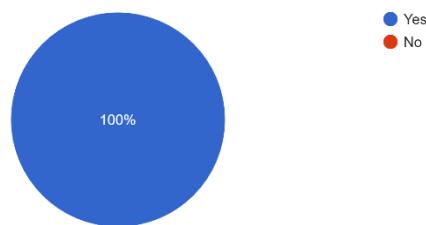
19. Are you able to save your favourite suppliers?



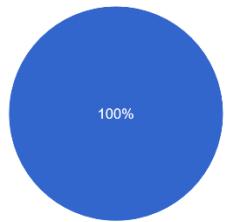
15. Are you able to suggest new hobby community groups?



20. Are you able to keep record of your current inventory of supplies?



21. Are you able to customise your inventory record to your own liking?



● Yes
● No

22. Any suggestions for improving inventory record keeping

Have rebuy links

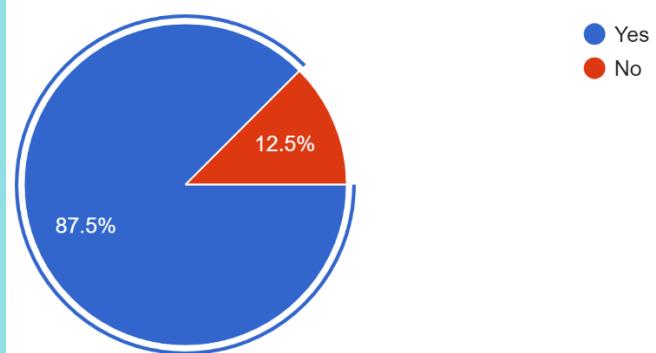
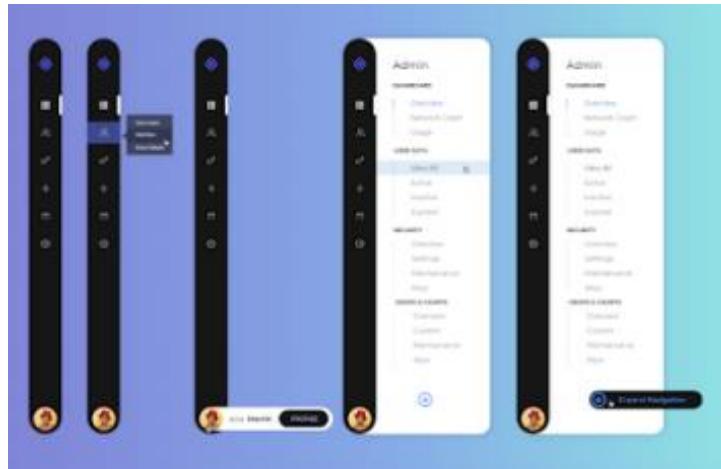
23. Any suggestions for improving the app overall?

No suggestions

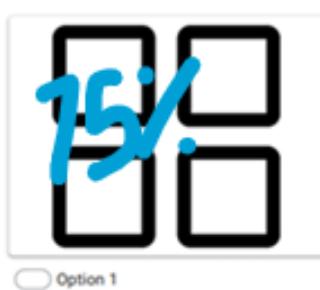
Even though only a few people responded to this evaluation all usability seem to be present however as this prototype doesn't have working functionality I don't know if in practices the same level of useability will be there.

Design Evaluation

1. Do you like the main side navigation? Like the example shown below



2. What icon best represent Explore page?



3. What icon best represent the Community page?



4. What icon best represent the user's profile page My Dash?



5. What icon best represent the user's inventory record page My Inventory?



6. What icon best represent the suppliers page?



Option 1



Option 2



Option 3

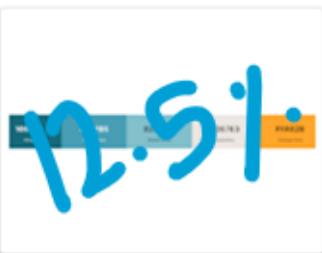


Option 4



Option 5

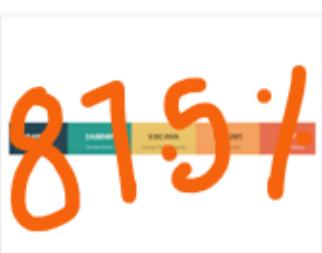
7. What colour scheme do you like most?



Option 1



Option 2



Option 3



Option 4



Option 5

8. What logo do you think represent Hobby Search the best?



Option 1



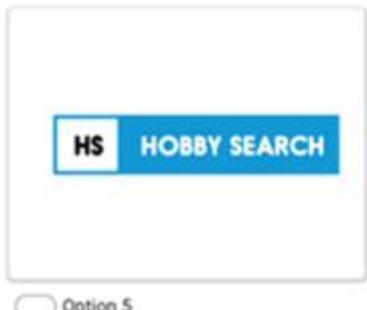
Option 2



Option 3



Option 4



Option 5

From getting the results of this evaluation I was able to set icon choices and colour scheme as well as logo choice. Going forward the design evaluation test framework should change to see if the implementation of these design elements are still good choices

Testing Framework

Due to having the small amount of responses I want to test the high fidelity prototype with the same heuristic and usability evaluation but with a different design evaluation as the high fidelity prototype biggest change will be seen with having some imagery, colours and icons.

Design Evaluation

Questionnaire made in Google forms and can be found here: <https://forms.gle/qptSNdcBRqQFo5f96>

1. **Do you like the main side navigation? YES/NO**
2. **Does the explore icon best represent Explore page? YES/NO**
3. **Does the community icon represent the Community page? YES/NO**
4. **Does the My Dash icon best represent the user's profile page My Dash? YES/NO**
5. **Does the My Inventory icon represent the user's inventory record page My Inventory? YES/NO**
6. **Does the supplier's icon best represent the suppliers page? YES/NO**
7. **Do you like the colour scheme? YES/NO**
8. **Does the given logo best represent Hobby Search ? YES/NO**

High Fidelity Prototypes

Made using Figma: <https://www.figma.com/proto/ccc1N1dxn5nobfCyRIDttP/HobbySearch?page-id=0%3A1&node-id=8%3A287&viewport=-144955%2C3753%2C8.115907669067383&scaling=scale-down>



HobbySearch
HFP.pdf

Explore

This screenshot shows the 'Explore' section of the HobbySearch application. On the left is a teal sidebar with icons for Explore, Community, My Inventory, My Dash, Suppliers, and Settings. The main area has a yellow background. At the top is a search bar with placeholder text 'Search ...' and a user icon. Below it are buttons for 'For You', 'Categories', and 'Favourites', along with 'Random', 'Filter', and 'Sort By' dropdowns. A 2x4 grid of category cards is displayed, each with an image and a title: Action Figures (Action Figure), Animation (Minion), Antiques (Vintage portrait), Board Games (Monopoly), Candle Making (Candles), Car Collection (Vintage car), Comic Book (Comic book), Crochet (Knitted item), Fashion Design (Clothing), Stand Up (Microphone), Swimming (Swimmer), and Web Design (Computer setup).

This screenshot shows the 'Explore' section of the HobbySearch application. The layout is identical to the first prototype, featuring a teal sidebar and a yellow main area. The 'Categories' button is currently selected. The 2x4 grid of category cards includes: Arts and Crafts (Crafts), Music (Musicians), Collecting (Postcards), Performance (Dancers), Food and Drink (Food items), Pets (Cats, dogs, bird), Games (Board games), Sports and Outdoors (Sports equipment), and Models and Electronics (Electronics components). Each card has a small image and a corresponding title.

HOBBY 

 Explore

 Community

 My Inventory

 My Dash

 Suppliers

 Settings

Search ...

For You Categories Favourites 

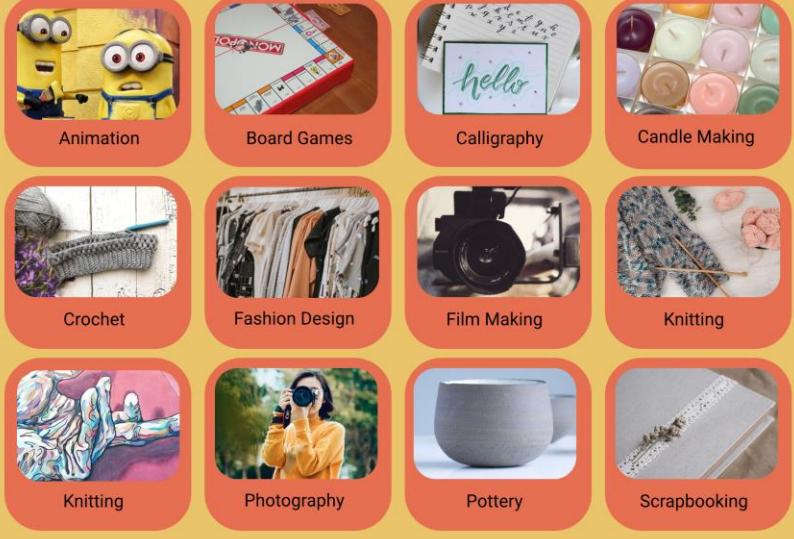
Arts and Crafts 

Filter Sort By

Animation Board Games Calligraphy Candle Making

Crochet Fashion Design Film Making Knitting

Knitting Photography Pottery Scrapbooking



HOBBY 

 Explore

 Community

 My Inventory

 My Dash

 Suppliers

 Settings

Search ... 

For You Categories Favourites 

Board Games Candle Making Web Design  



Hobby Card

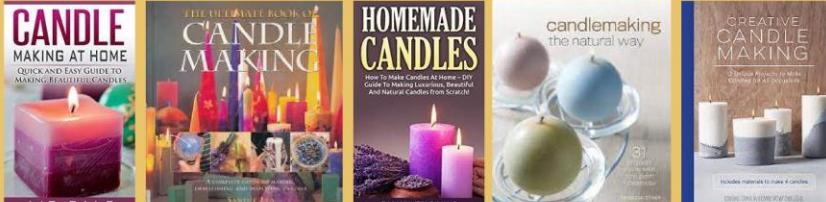


Description Supplies Guides Communities

Candle Making

Candle Making is one the most popular hobbies that can help you feel relaxed after a long day at work. More than a hobby, candle making has become an art form. Individuals have their own designs and ideas for candles and in this case, no matter what design is created, it becomes a work of art, at least to the creator. Candle making is not a very difficult task; however, you would certainly like to create something that could be made a focal point in your room. The best thing about this hobby is that in case your design is not good, you can melt the candle and make one all over again.

Book Recommendations



< >

Description Supplies Guides Communities

Materials Needed

Item	Action
Soy Candle Wax	Add to Inventory Folder
Candle Jars or Containers	Add to Inventory Folder
Fragrance oils	Add to Inventory Folder
Candle Dye	Add to Inventory Folder
Pouring Pot	Add to Inventory Folder
Thermometer	Add to Inventory Folder
Wick Stickers or Glue Dots	Add to Inventory Folder
Wick Bars	Add to Inventory Folder
Paper Towels	Add to Inventory Folder
Metal Spoon or Stir Stick	Add to Inventory Folder

Sort By ▾



Michelle Holmes | 21900986

Page | 106

Description Supplies Guides Communities

Candle Making Guides

Filter Sort By

Title Title Title Title

Title Title Title Title

+

Description Supplies Guides Communities

How to Make Soy Container Candles

Start by gathering all the items that you will need. Our Container Candle Making Starter Kit for soy candles contains many of the items found in this tutorial. The Candle making process will go much more smoothly if everything is readily accessible.

Materials Needed

+ Soy Container Candle Wax	+ Wick Stickers or Glue Dots
+ Candle Jars or Containers	+ Wick Bars (Optional)
+ Fragrance oils	+ Caution Labels (Optional, but highly recommended)
+ Candle Dye	+ Baking Paper or Newspaper
+ Wick Clip Assemblies	+ Paper Towels
+ Pouring Pot	+ Cookie Sheet or Pan
+ Thermometer	+ Metal Spoon or Stir Stick
+ EZ Wick Setter, Pen Shaft or Straw (to help secure your wick)	+ Sauce Pan
+ UV Stabilizer (Optional)	+ Metal Cookie Cutter or Trivet



STEP ONE: Measure out the wax

The amount of wax required should be weighed out. Measuring the soy is very easy since it is in flake form. Just scoop out the amount that you need, and add it to the pouring pot. It is a good idea to use a separate pouring pot for scooping and melting. A plastic cup could also be used to scoop the wax out of the bag if you only have one pouring pot available.



Description Supplies Guides Communities

Suggest a Hobby

Title

Supplies Needed

Step Title

Instructions

Upload Banner

Upload Supply Image

Upload Step Image

Add Next Step

Cancel Save

A screenshot of a mobile application interface for suggesting a hobby. At the top, there's a photo of a person pouring liquid into a candle mold. Below it, a yellow header bar contains navigation links: Description, Supplies, Guides, and Communities. The main area is titled "Suggest a Hobby". It features several input fields with placeholder text and icons: "Title" (placeholder "Hobby Name"), "Supplies Needed" (placeholder "List of supplies needed"), "Step Title" (placeholder "Step 1: Melt wax"), and "Instructions" (placeholder "How to melt wax"). There are also buttons for "Upload Banner", "Upload Supply Image", "Upload Step Image", and "Add Next Step". At the bottom are "Cancel" and "Save" buttons.



Description Supplies Guides Communities

Filter Sort By

Community Name

Group Name

Club Name

Club Name

Club Name

Community Name

Group Name +

A screenshot of a mobile application interface showing a grid of community names. The background features a photo of a group of people at a table during a candle-making workshop. The interface includes a yellow header bar with navigation links: Description, Supplies, Guides, and Communities. Below the header is a row of two "Filter" and "Sort By" buttons. The main content area displays eight cards, each containing a thumbnail image and a label: "Community Name" (Monopoly board game), "Group Name" (candles), "Club Name" (multiple computer monitors), "Club Name" (multiple computer monitors), "Club Name" (multiple computer monitors), "Community Name" (Monopoly board game), and "Group Name" (candles) followed by a plus sign icon.



Description Supplies Guides Communities

NZ candles and soap makers 101

The aim of the page is to help other candle and soap makers in what ever way we can. We aim not to bitch about another maker in any way. And above all have fun with what we do. No selling of any thing we make but you can do a destash. If doing a destash first to say sold gets it no selling or buying by PM. All destashes to be listed with prices.. Any add saying things like I will be selling some fragrances etc with out any info or price will be deleted. Links posted to supliers ok if in answer to a question. Hope you all get behind this page.... Beginers welcome advanced welcome

Free

Online: <https://www.facebook.com/groups/1291303947626070/>



Description Supplies Guides Communities

Suggest a Community



Upload Banner



Upload Feature

Community Name

Hobby Type

Cost

Online

Time

Location

URL

Social Level

Introvert

Extrovert

Description / Bio

Cancel

Save

Communities

Search ...

For You Categories Favourites

Filter Sort By

Community Name

Group Name

Club Name

Club Name

Club Name

Club Name

Community Name

Group Name

Community Name

Club Name

Community Name

Search ...

For You Categories Favourites

Arts and Craft

Music

Collecting

Performance

Food and Drink

Pets

Games

Sports and Outdoors

Models and Electronics

Spiritual and Mental

Search ...

For You Categories Favourites

Candle Making Communities

Filter Sort By

Community Name

Group Name

Club Name

Club Name

Club Name

Community Name

Group Name

Search ...

For You Categories Favourites

Filter Sort By

Community Name

Group Name

Club Name

Club Name

Club Name



For You Categories Favourites

NZ candles and soap makers 101

The aim of the page is to help other candle and soap makers in what ever way we can. We aim not to bitch about another maker in any way. And above all have fun with what we do. No selling of any thing we make but you can do a destash. If doing a destash first to say sold gets it no selling or buying by PM. All destashes to be listed with prices.. Any add saying things like I will be selling some fragrances etc with out any info or price will be deleted.. Links posted to supliers ok if in answer to a question. Hope you all get behind this page.... Beginers welcome advanced welcome

Free

Online: <https://www.facebook.com/groups/1291303947626070/>



My Dash

HOBBY

Explore

Community

My Inventory

My Dash

Suppliers

Settings

Log into My Dash

Track your inventory & Find your Favourites

Username

Password

Forgot password

Login

Dont have an account Sign up here

HOBBY 

-  Explore
-  Community
-  My Inventory
-  My Dash
-  Suppliers

Sign up to My Dash



Name

Email

upload

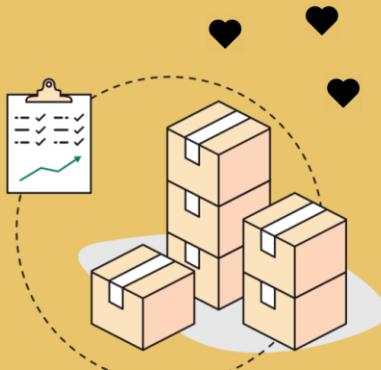
Password

Retype Password

Location

Sign Up

Track your inventory & Find your Favourites



Already got an account [Login here](#)

 Settings

- [Inventory](#)
- [Guides](#)
- [Communities](#)
- [Suppliers](#)

Candle Making 

Username@domain.com

[Logout](#)

[Take Hobby Quiz](#)

[10 kg]	Soy Candle Wax	...
[7x 500ml]	Silver Glass Vessel	...
[30 ml]	Fragrance oils	...
[20 g]	Green Candle Dye	...
[20 g]	Red Candle Dye	...
[20 g]	Blue Candle Dye	...
[20 g]	Yellow Candle Dye	...
[3x]	Pouring Pot	...
[1x]	Thermometer	...

Needed 

Wick Stickers or Glue Dots	...
Wick Bars	...
Paper Towels	...
Metal Spoon or Stir Stick	...



The screenshot shows a user interface with a teal sidebar on the left containing various icons: a magnifying glass, a person, a grid, a person with a gear, a clipboard, a person, a person with a cart, and a gear. The main content area has a yellow background. At the top, there are navigation tabs: Inventory, Guides (which is underlined), Communities, and Suppliers. Below the tabs are two buttons: "Filter" and "Sort By". On the left side of the main area, there is a user profile section with the email "Username@domain.com" and a "Logout" link, along with a red "Take Hobby Quiz" button. The main content area displays four tiles, each with a red border and a small "Tile" label at the bottom:

- A tile showing a tray of colorful candles.
- A tile showing a room with multiple computer monitors.
- A tile showing a room with multiple computer monitors.
- A tile showing a tray of colorful candles.

This screenshot shows the same user interface as the first one, but with a different set of tiles in the main content area. The main content area displays five tiles, each with a red border and a label below it:

- A tile showing a tray of colorful candles labeled "Group Name".
- A tile showing a room with multiple computer monitors labeled "Club Name".
- A tile showing a room with multiple computer monitors labeled "Club Name".
- A tile showing a Monopoly board labeled "Community Name".
- A tile showing a room with multiple computer monitors labeled "Club Name".

The dashboard features a vertical teal sidebar with icons for search, user profile, and navigation. At the top, there are links for Inventory, Guides, Communities, and Suppliers, with Suppliers being the active tab. Below these are 'Filter' and 'Sort By' dropdowns. The main area displays four supplier logos in red-bordered boxes: Kmart, Rebel Sport, and Pete's Emporium, with a fourth logo partially visible.

My Inventory

The inventory management interface includes a sidebar with the same teal icons as the dashboard. The top navigation bar has links for Inventory, Guides, Communities, and Suppliers, with Inventory being the active tab. Below this is a section for 'Candle Making' with a pencil icon, listing various items with their quantities and units. A second section for 'Needed' also lists items. A large green '+' button is located at the bottom right.

Item	Quantity	Unit
Soy Candle Wax	[10 kg]	
Silver Glass Vessel	[7x 500ml]	
Fragrance oils	[30 ml]	
Green Candle Dye	[20 g]	
Red Candle Dye	[20 g]	
Blue Candle Dye	[20 g]	
Yellow Candle Dye	[20 g]	
Pouring Pot	[3x]	
Thermometer	[1x]	

Username@domain.com

Logout

Take Hobby Quiz

Inventory Guides Communities Suppliers

Candle Making

Soy Candle Wax

Quantity [10 kg] Min Amount [1 kg]

Store in BLA BLA
NOTES: BLABLABKDJBFBDBFHBVFVFFVFVVBFBHFB
bdfjvbfhbjvbjfbfhbjgbhdfgjhbfjfbhbjfbghbvbjfbvgfjbgvjs
LABLABKDJBFBcnmkdksJBBFDDBFHBFVFVFFVFVVBFBHFB
njdvieoldfvwrignwrjvgjhsngkfkbnj

[7x 500ml] Silver Glass Vessel

[30 ml] Fragrance oils

[20 g] Green Candle Dye

[20 g] Red Candle Dye

[20 g] Blue Candle Dye

[20 g] Yellow Candle Dye

[3x] Pouring Pot

[1x] Thermometer

Needed

Username@domain.com

Logout

Take Hobby Quiz

Inventory Guides Communities Suppliers

Candle Making

[10 kg] Soy Candle Wax ...

[7x 500ml] Silver Glass Vessel ...

[30 ml] Fragrance oils ...

[20 g] Green Candle Dye ...

[20 g] Red Candle Dye ...

[20 g] Blue Candle Dye ...

[20 g] Yellow Candle Dye ...

[3x] Pouring Pot ...

[1x] Thermometer ...

Needed

Wick Stickers or Glue Dots ...

Wick Bars ...

Paper Towels ...

Metal Spoon or Stir Stick ...

Username@domain.com

Logout

Take Hobby Quiz

Inventory Guides Communities Suppliers

Candle Making

[10 kg]	Soy Candle Wax	...
[7x 500ml]	Silver Glass Vessel	...
[30 ml]	Fragrance oils	...
[20 g]	Green Candle Dye	...
[20 g]	Red Candle Dye	...
[20 g]	Blue Candle Dye	...
[20 g]	Yellow Candle Dye	...
[3x]	Pouring Pot	...
[1x]	Thermometer	...

Needed

Wick Stickers or Glue Dots	...
Wick Bars	...
Paper Towels	...
Metal Spoon or Stir Stick	...

Add New Folder 

Add New Item 

Username@domain.com

Logout

Take Hobby Quiz

Inventory Guides Communities Suppliers

 Upload

Name
Quantity: 0 Units: ▾ Min Amount: 0

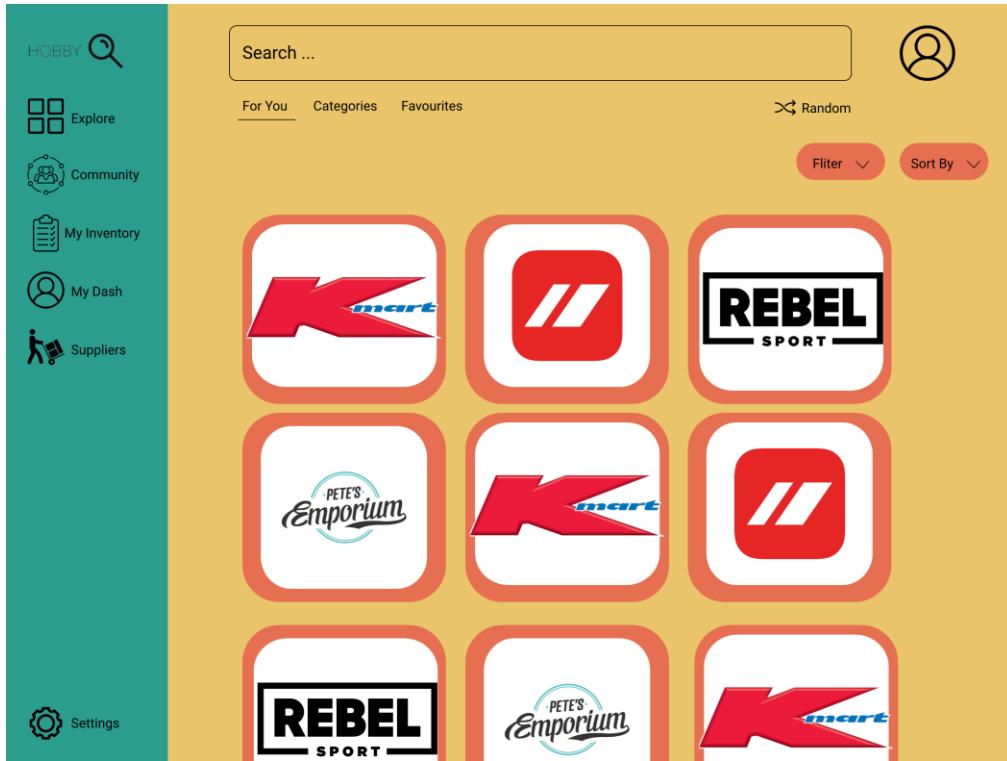
Store in ...

Expiry Date

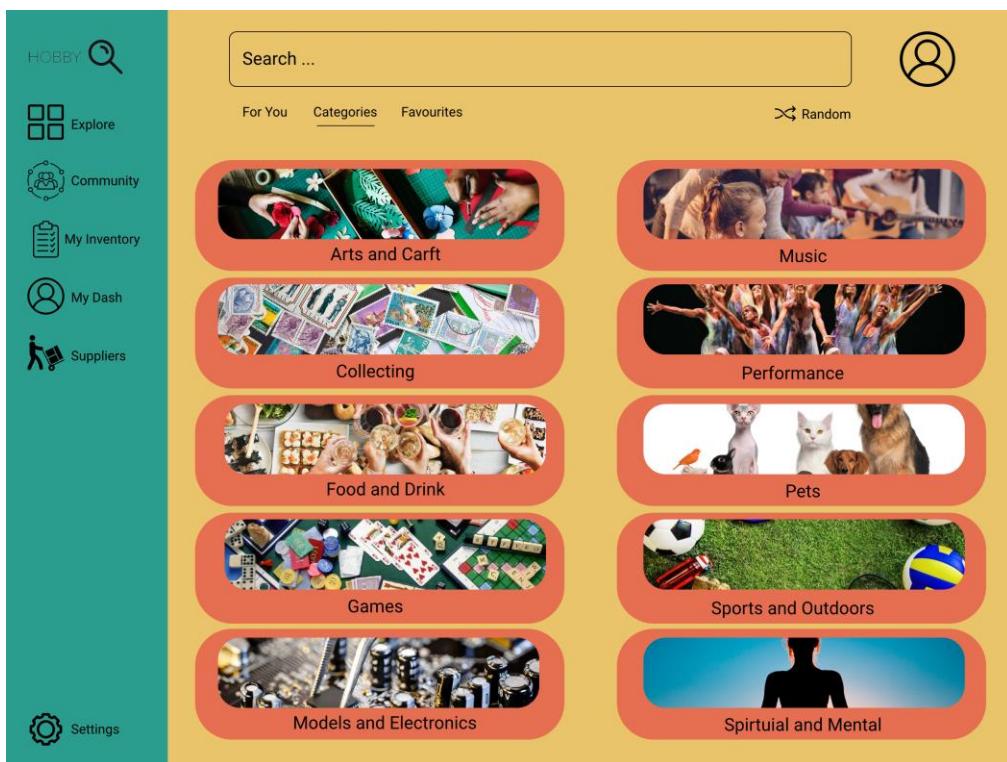
Notes:

Cancel Save

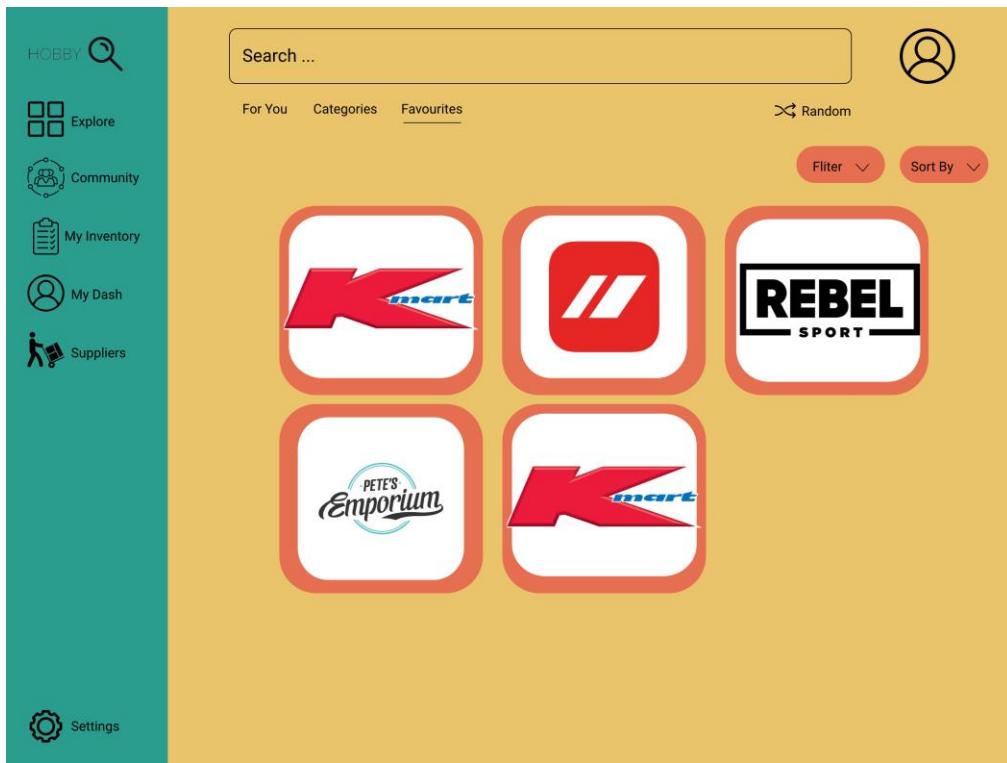
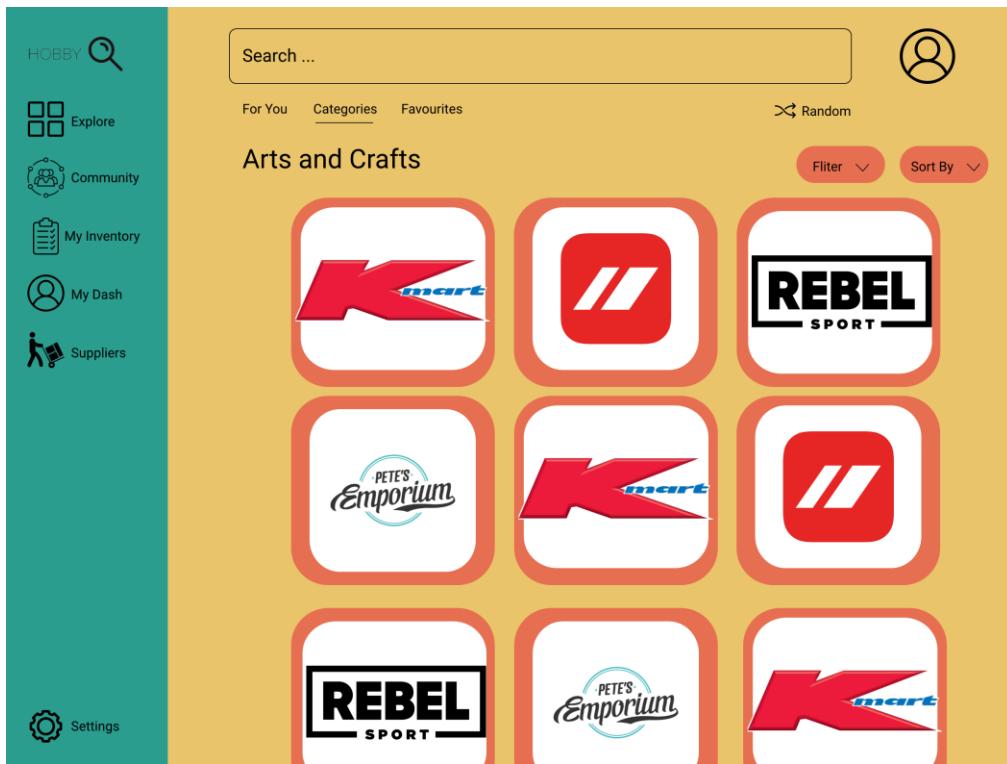
Suppliers



A screenshot of a mobile application interface for suppliers. The left sidebar is teal and contains icons for HOBBY (with a magnifying glass), Explore, Community, My Inventory, My Dash, Suppliers, and Settings. The main area has a yellow background. At the top right are a search bar with placeholder text "Search ...", a user profile icon, and buttons for "For You", "Categories", "Favourites", "Random", "Filter", and "Sort By". Below these are three rows of supplier logos in rounded squares: Row 1: K-mart, K-mart, REBEL SPORT; Row 2: PETE's Emporium, K-mart, K-mart; Row 3: REBEL SPORT, PETE's Emporium, K-mart.



A screenshot of a mobile application interface for categories. The left sidebar is teal and contains icons for HOBBY (with a magnifying glass), Explore, Community, My Inventory, My Dash, Suppliers, and Settings. The main area has a yellow background. At the top right are a search bar with placeholder text "Search ...", a user profile icon, and buttons for "For You", "Categories", "Favourites", "Random". Below these are two columns of category cards in rounded rectangles: Column 1: Arts and Craft, Collecting, Food and Drink, Games, Models and Electronics; Column 2: Music, Performance, Pets, Sports and Outdoors, Spiritual and Mental.



Testing

Heuristic Evaluation

Heuristic Evaluation

Name:

Prototype : High

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

No prompt to correctly follow rooms

No error or success messages to help user diagnose any issues

Heuristic Evaluation

Name:

Prototype : High

Heuristic Followed

- Visibility of system status
- Match between system and the real world
- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Heuristic Violated

- Visibility of system status
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- User Control and Freedom
- Consistency and Standards
- Error prevention
- Recognition rather than recall
- Flexibility and efficiency of use
- Aesthetic and minimalist design
- Help users recognise, diagnose, and recover from errors
- Help and documentation

Description and Comments

(Please give example of where heuristic were followed well or violated and any other suggestions)

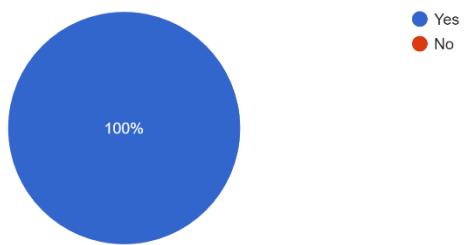
No way to hobbies, guides, communities, or supporters to favourites

Violating flexibility & efficiency of use

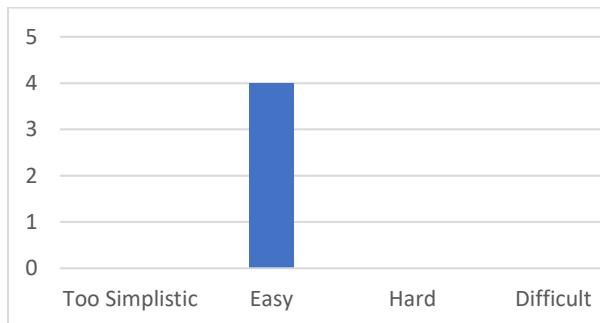
From getting back the results of these evaluations even though I only go 2 response it clear to see that I need to include more ways to help the user recognise, diagnose, and recover from errors as well as error preventions To do so I should include prompt as to what should be included in form fields ways to reset forgotten passwords and have help manual or FAQ that can help users use the app

Usability Evaluation

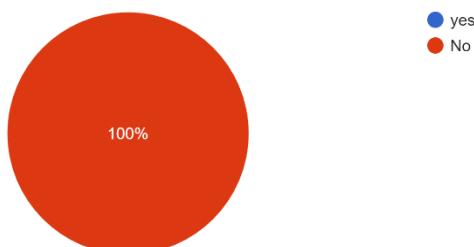
1. Can you easily identify multiple different hobbies?



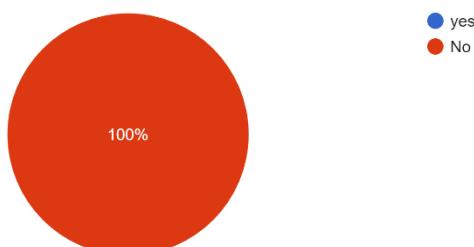
2. How easy is it to find different hobbies?



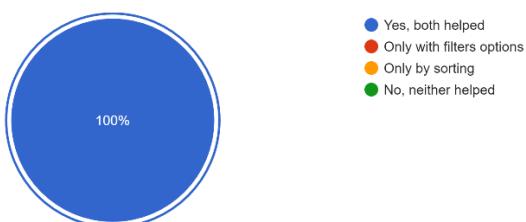
3. Are you able to filter down the list of hobbies?



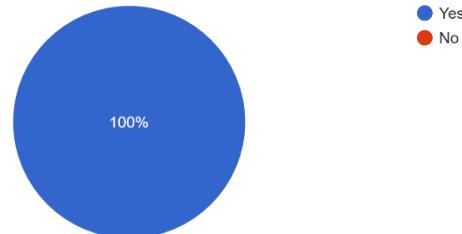
4. Are you able to sort the list of hobbies?



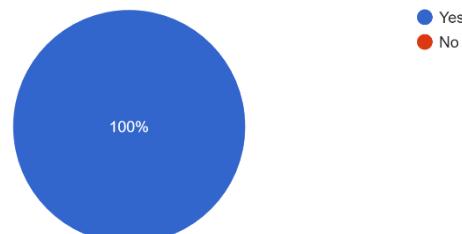
5. Does the filters and sorting options help narrow your search?



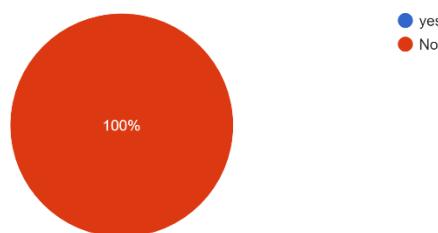
6. Are you able to find hobby based on given search terms?



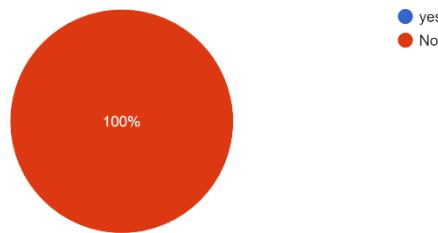
7. Are you able to get a random hobby from a randomised button option?



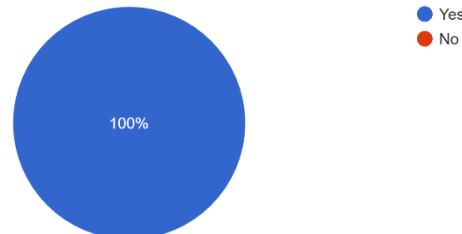
8. Are you able to take hobby quiz to narrow down hobby list with suggested hobbies?



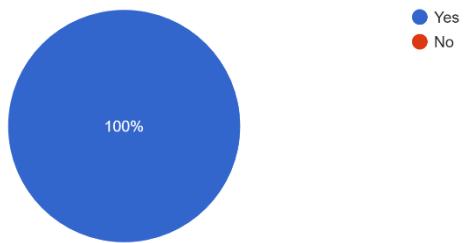
9. Are you able to save your favourite hobbies?



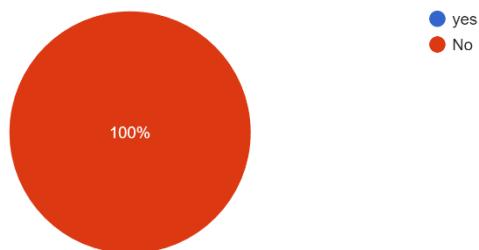
10. Are you able to find hobby description and information about hobby?



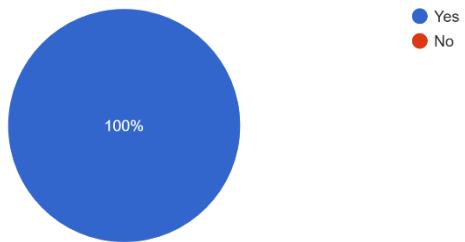
11. Are you able to find how to guides?



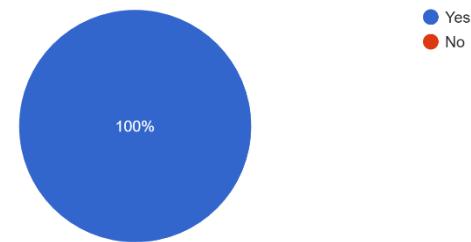
16. Are you able to save your favourite community posting?



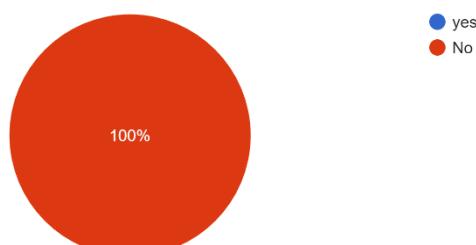
12. Are you able to suggest new hobby guides?



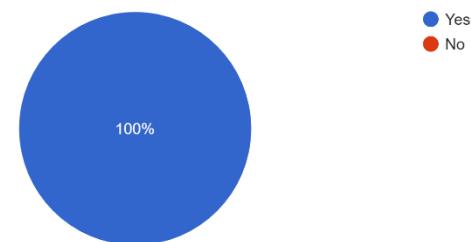
17. Are you able to find suppliers?



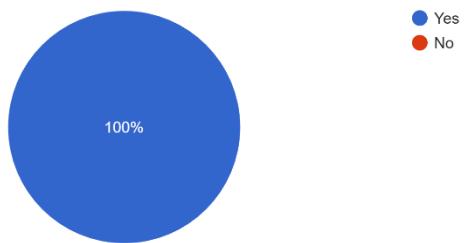
13. Are you able to save your favourite guide?



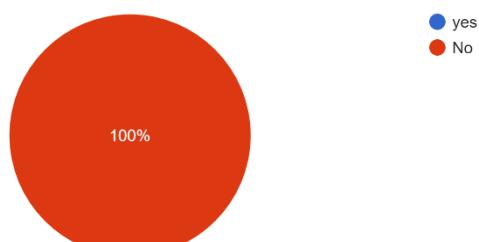
18. Can you make comparison between suppliers?



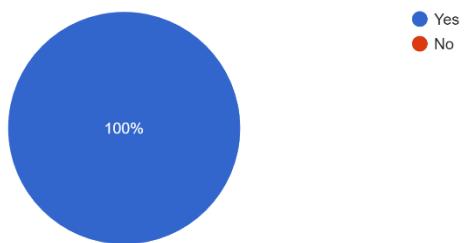
14. Are you able to communities related to given hobby?



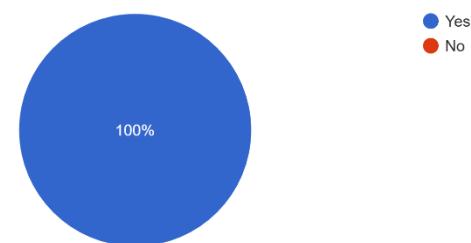
19. Are you able to save your favourite suppliers?



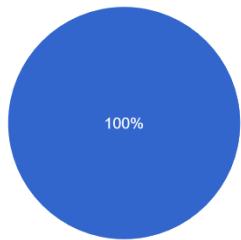
15. Are you able to suggest new hobby community groups?



20. Are you able to keep record of your current inventory of supplies?



21. Are you able to customise your inventory record to your own liking?



● Yes
● No

22. Any suggestions for improving inventory record keeping

No suggestions

23. Any suggestions for improving the app overall?

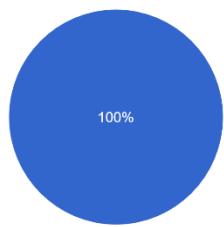
No suggestions

Even though only a few people responded to this evaluation all usability seem to be present except when coming to saving hobbies, guides, community groups and suppliers to favourites. During the creation of this prototype the heart options were missed out.

Design Evaluation

- 1. Do you like the main side navigation?**

YES/NO



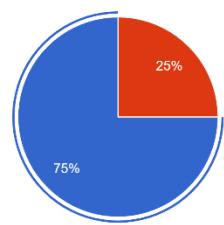
● Yes
● No

- 2. Does the explore icon best represent Explore page? YES/NO**



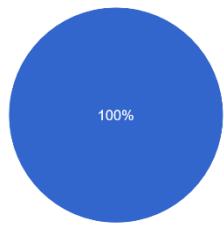
● Yes
● No

- 3. Does the community icon represent the Community page? YES/NO**



● Yes
● No

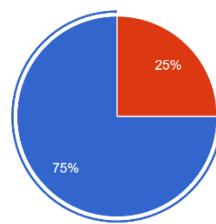
- 4. Does the My Dash icon best represent the user's profile page My Dash? YES/NO**



● Yes
● No

- 5. Does the My Inventory icon represent the user's inventory record page My Inventory?**

YES/NO



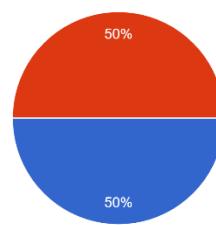
● Yes
● No

- 6. Does the supplier's icon best represent the suppliers page? YES/NO**



● Yes
● No

- 7. Do you like the colour scheme? YES/NO**



● Yes
● No

- 8. Does the given logo best represent Hobby Search ? YES/NO**



● Yes
● No

From getting the results of this evaluation I was able to set icon choices and colour scheme as well as logo choice. Going forward the design evaluation test framework should change to see if the implementation of these design elements are still good choices

Evaluation

From getting back the results of all evaluations it is clear to see that I need to include more ways to help the user recognise, diagnose, and recover from errors as well as error preventions To do so I should include prompt as to what should be included in form fields ways to reset forgotten passwords and have help manual or FAQ that can help users use the app. It also show that I need to insure there is inclusion of all functionality of useability repeated between prototypes before testing. Forgetting to include the heart options on the high-fidelity prototype lead this prototype's useability to be worst of than previously tested prototypes. The design evaluations gave help insight in to know what people liked however I want to know more in why people like or didn't like each element I think more questioning is needed here and perhaps give the user option alternatives to compare.

Development Plan

If I was to continue the project to the next steps I would do the following:

- Have more people test the two already included prototypes and see if the result are changed in anyway
- Question people on design aspect and see why they like or dislike certain element
- Redesign the app with different colour and icons and see how they all compare
- Create a hobby quiz
- Create forms with prompts
- Create help FQA
- Create overlays that let user know what the system is doing if there are delays or a task in the background has been complete e.g. suggested guides have been submitted for approval successfully or suggested community has been submitted for approval successfully
- Create search, filters, and sort by functionalities
- Create the suppliers page to have functionality for search and abilities to compare suppliers
- Create a prototype with more correct information and run test to see if a user is able to find a hobby they are interest in and try it out using the app
- Test that all functionality is working and shows results
- Get people response to the app see how they use it or don't use it. Get their thoughts, expectations, and experiences