



Washington

Driver's License

A more convenient and efficient alternative to your physical driver's license in Washington state.



Overview

Intro	1-5	Wireframes	14-18
Research	6-9	Visual Style	19-23
Key Features	10-13	Solution Screens	24-29



What's Wrong?

As an important document, the driver's license has **a lot of information**, including name, date of birth, and home address. The information is all **cramped** on a small card without hierarchy, making them harder to be found or sometimes causing confusions.

Current Issue

Unclear Illegible Inefficient



Driver's License



Intermediate Driver's License

Problem

Driver's licenses have **outdated** designs and struggle with **readability**, leaving users a higher chance of mistake and confusion.



Solution

To create a more **simple** and **efficient** alternative to our printed driver licenses, giving users the option to access their official driver licenses on their mobile devices.



6-9

Research

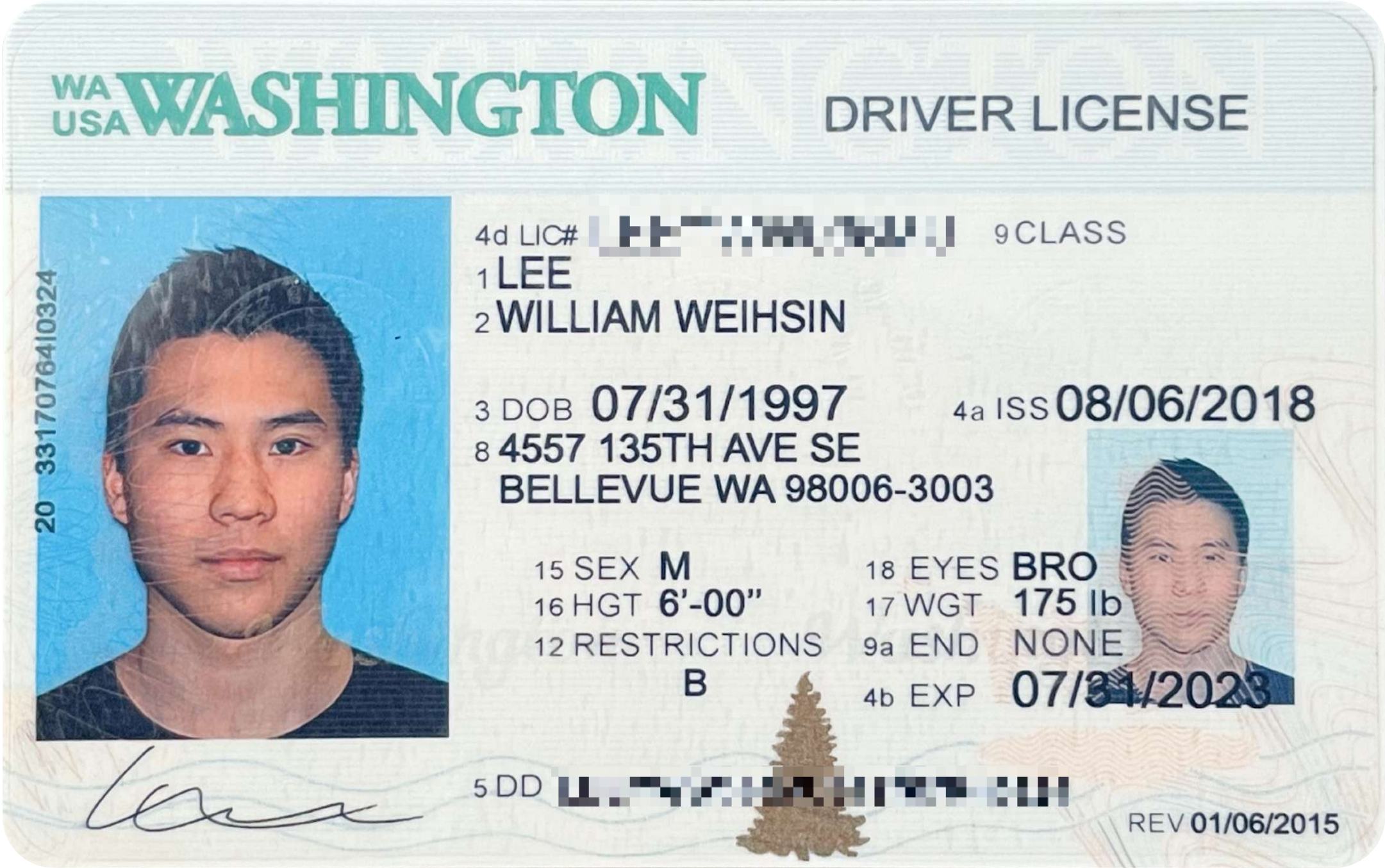
Investigate and understand the situation.

Driver's License

There are many pieces of information on a driver's license scattered around on the plastic card. Specific information takes time to find.

MAIN INFO

Picture	Expiration Date
License Number	Sex
Name	Restrictions
Date of Birth	Height
Address	Weight
Issue Date	Eye Color



Interviews

I interviewed some adults to get some insights on their experience with their driver’s licenses.

Anne

Anne carries her license in her wallet, which she keeps in a purse. She finds it annoying when she has to bring her whole purse to keep her license on her.

AGE	GENDER	LOCATIONS
22	Female	Doctors appointment, restaurants

Brandon

Brandon keeps on license in his wallet and with him at all times. However, he doesn’t like handing his ID and credit cards over to strangers.

AGE	GENDER	LOCATIONS
26	Male	Bars, concert venues

Use Cases

Full Information

LOCATIONS

Officer request, airport, doctors appointment, and car rentals

MAIN INFORMATION

Name, DOB, home address

Age Verification

LOCATIONS

Liquor store, restaurant, concerts, and grocery stores

MAIN INFORMATION

Picture, age

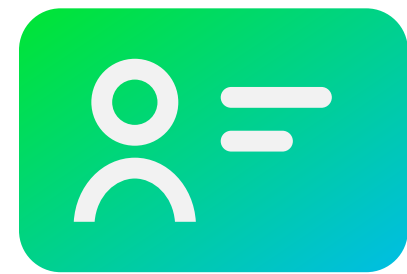
10-13

Key Features

The starting point of the main features.

Organizing Information

To make a more effecient viewing experience, I organized the information to fit **different scenarios**.



Full View

Full View displays the most accessed information, such as the picture, name, date of birth, and address. More information can be revealed through scroll.



Age View

Age View is simply for age varification only without showing other information. It displays the expire date, date of birth, and age.



Scan View

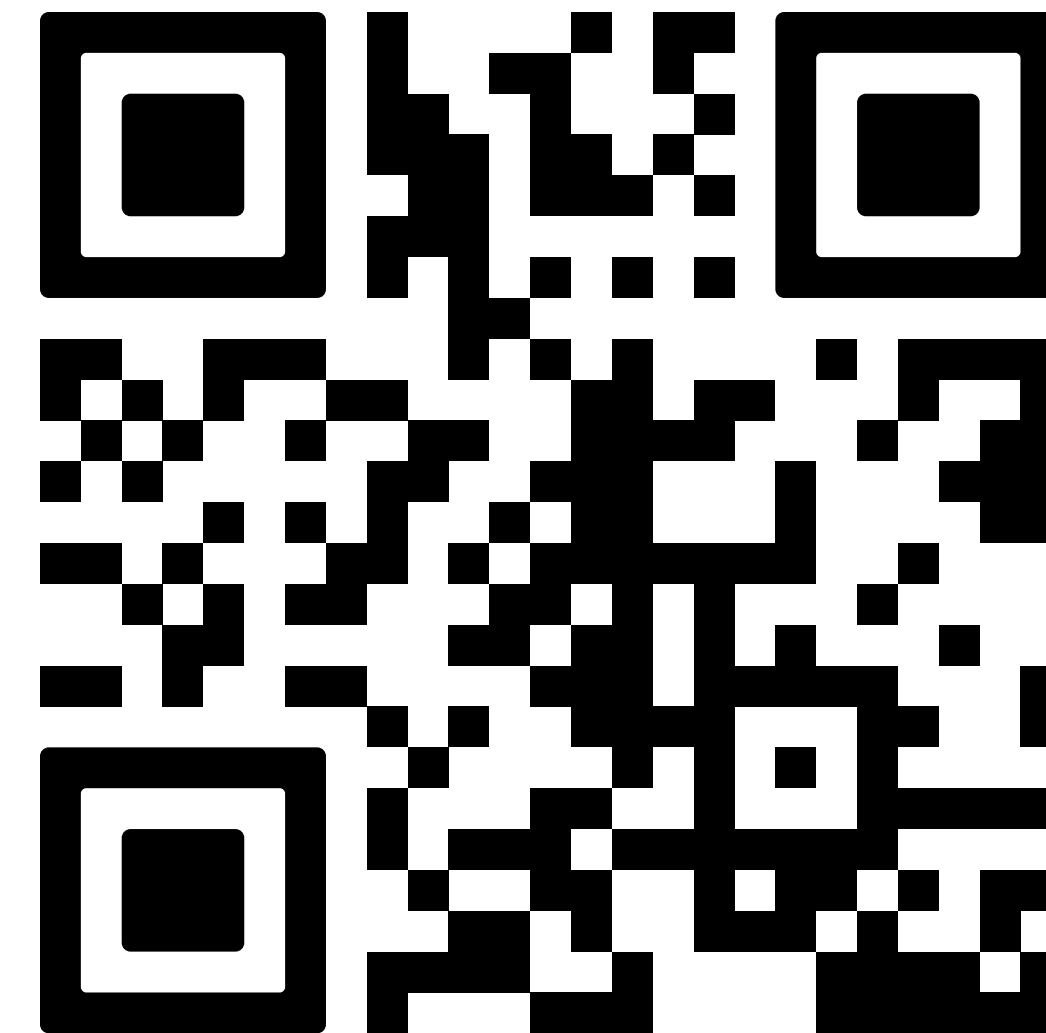
Scan View is for contactless varification, which prevents users from handing their phones over and speeds up the process.

Scanning Technology

Our current license can be scanned through the bar code on the back. However, many **digital tickets** are moving on to QR codes instead of barcodes, making it more easily scanned through phone cameras.



Bar Code



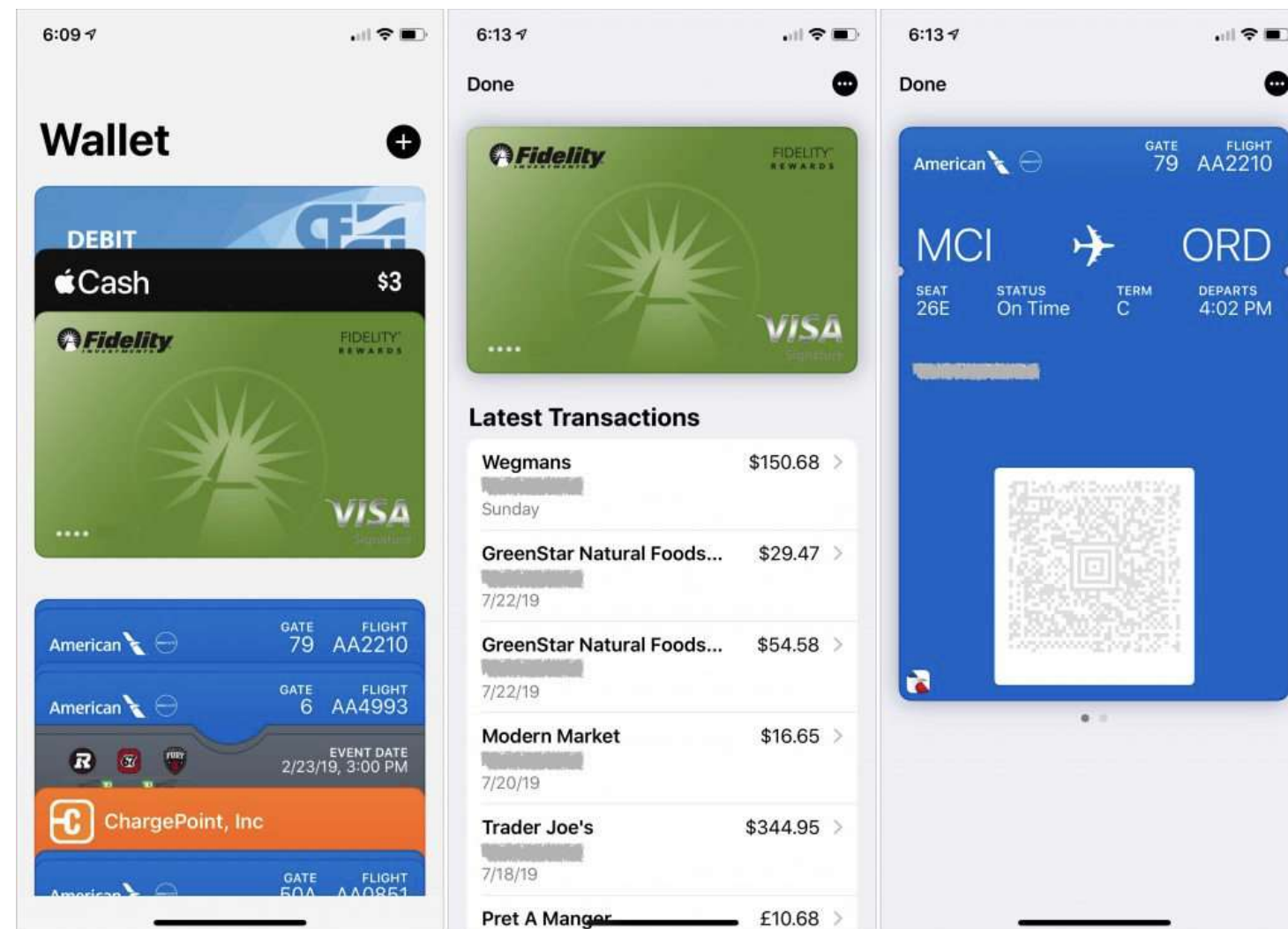
QR Code

Device Intergation

The Apple Wallet app can store credit cards and tickets, which is where the digital license can be added to. The license will be able take advantage of the **short-range wireless technology (Tap to pay)**.



Tap to Pay



Apple Wallet



14-18

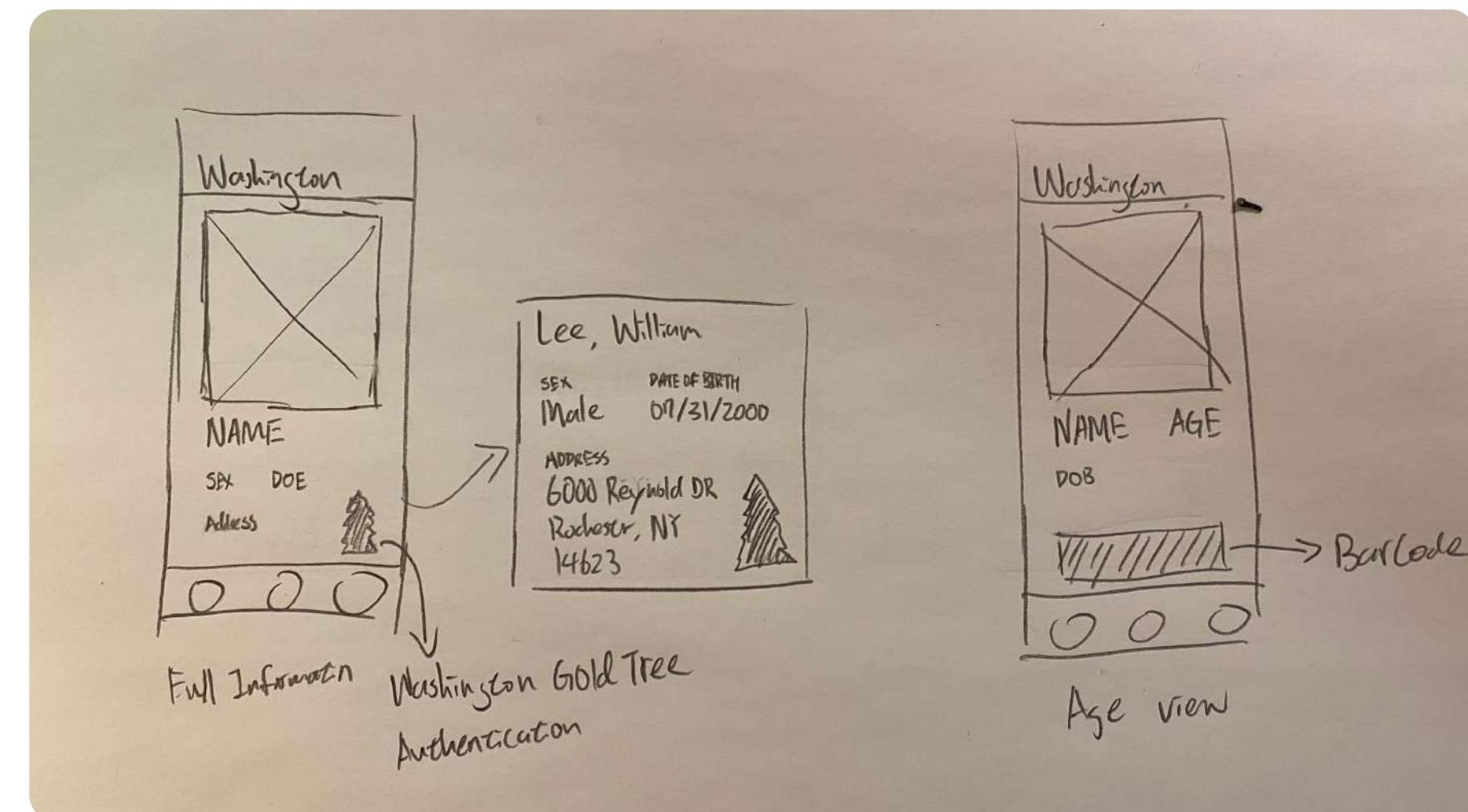
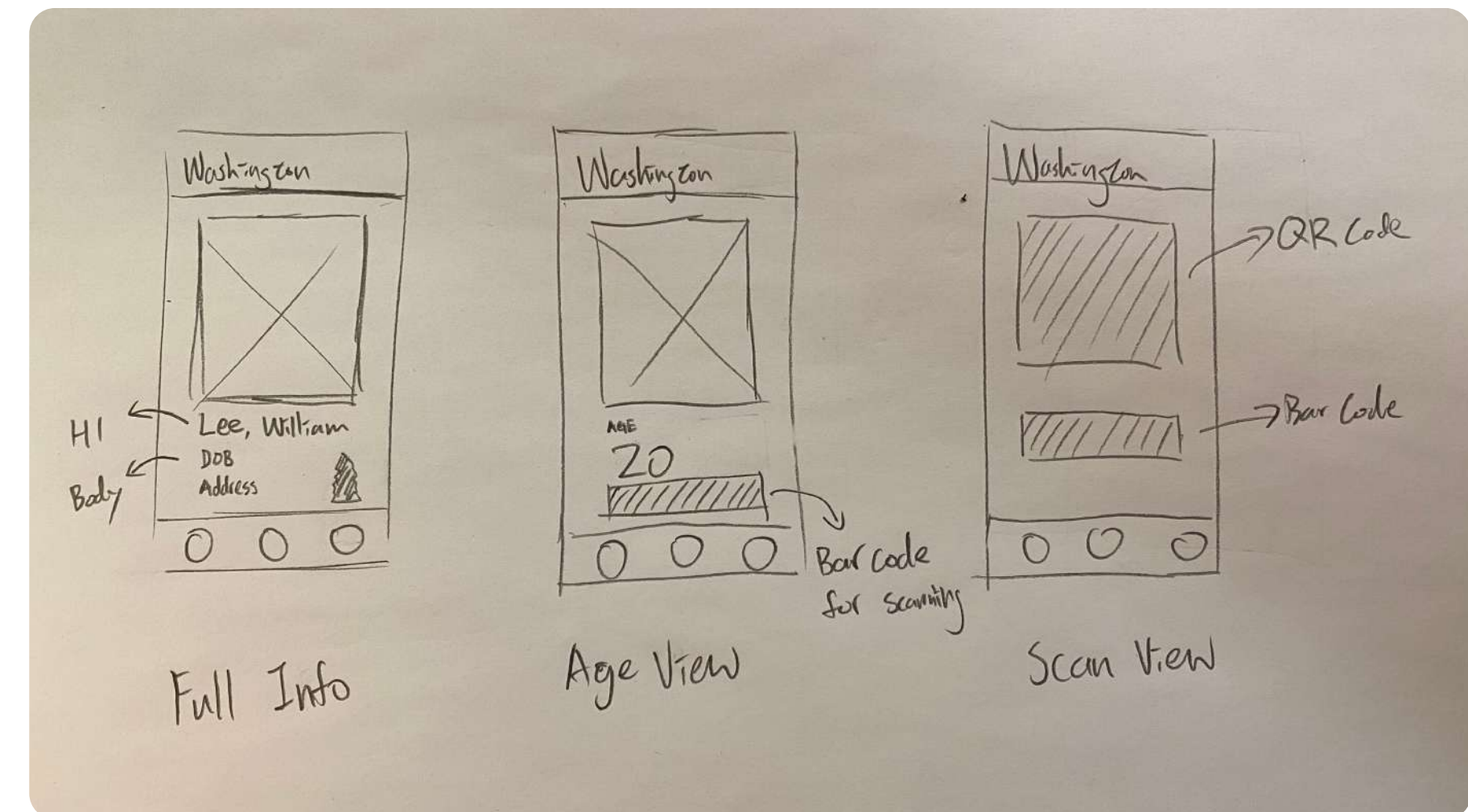
Wireframes

Time for the drawing board.

Sketches

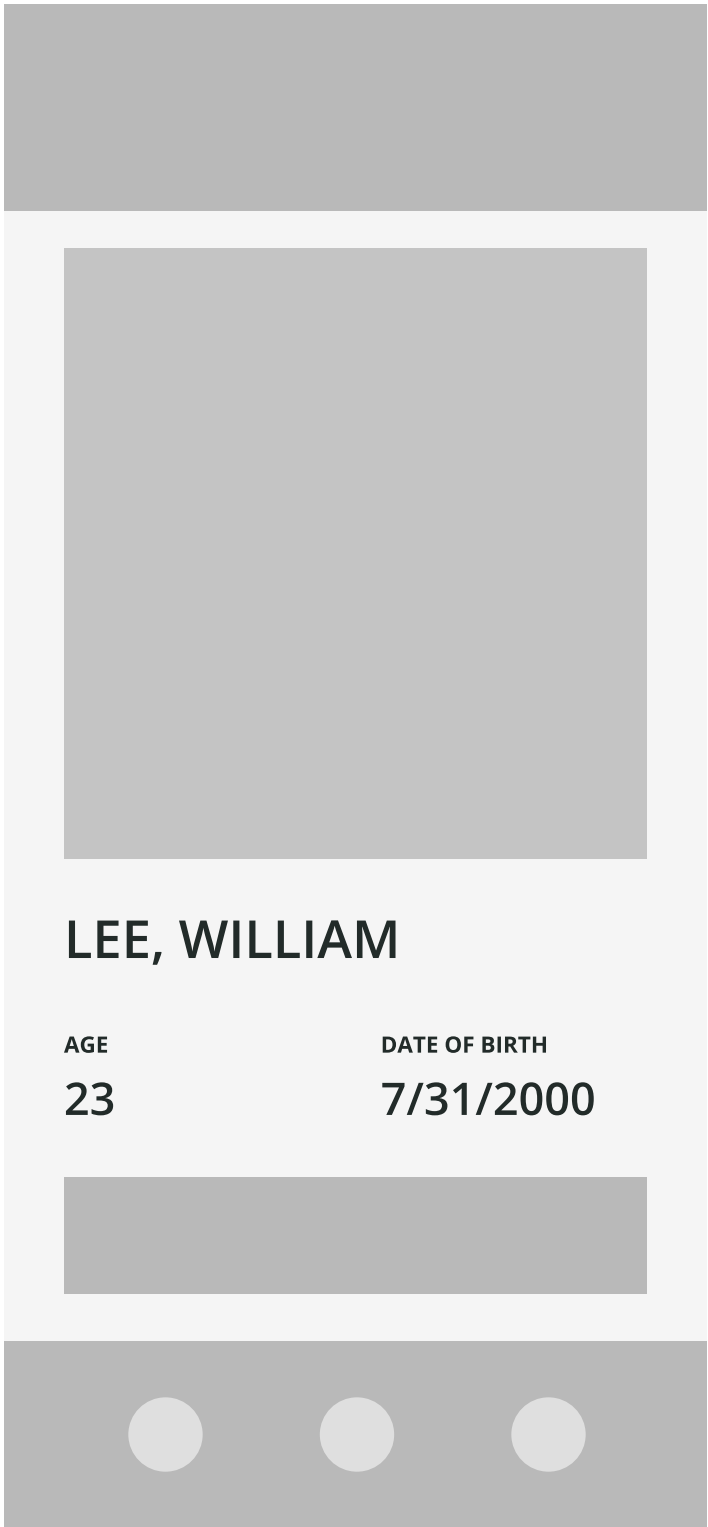
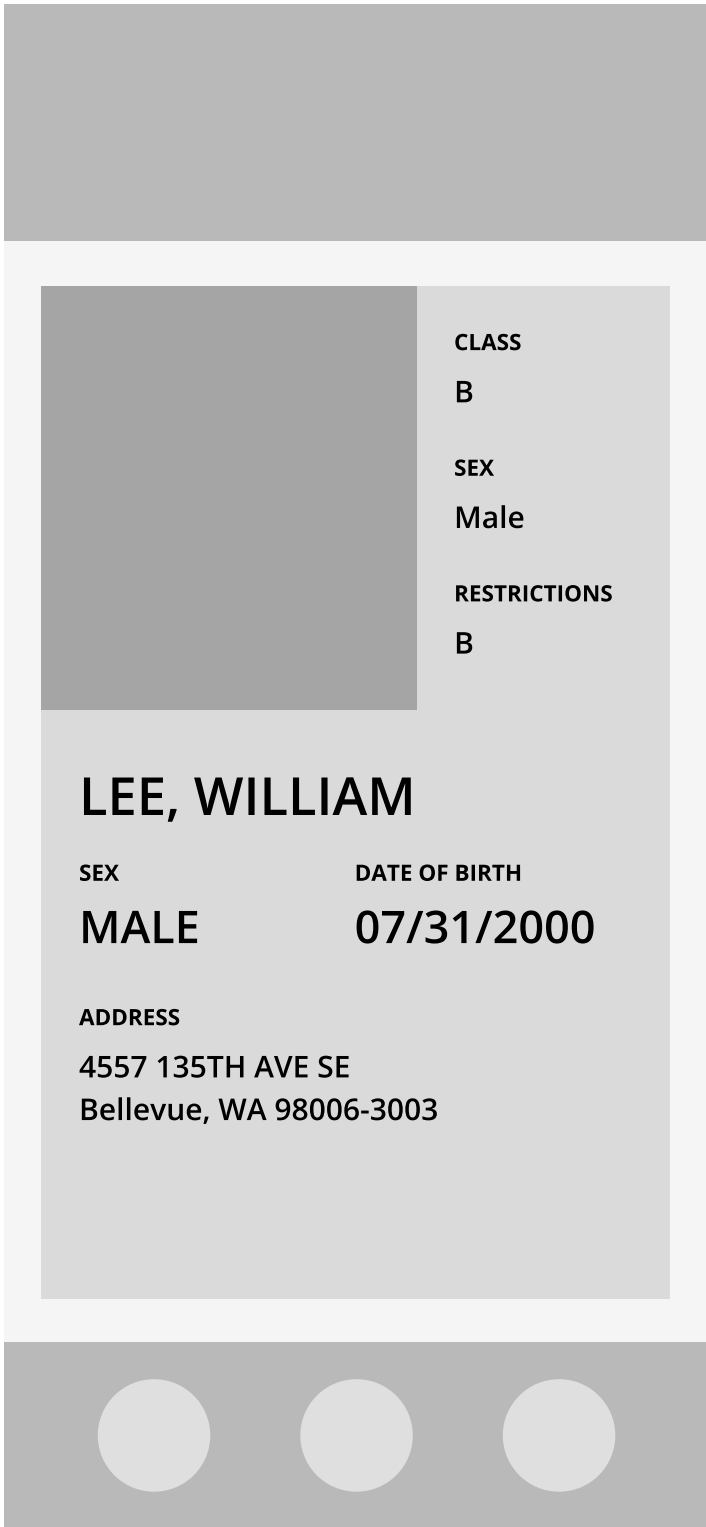
The license app is divided to 3 different sections, full info, age view, and scan view.

- The full info page is for **self identification**, when information is asked to be presented and viewed.
- Age view is for age verification only, the page provides nothing more than **age related information**.
- The scan page is only for when scanning is required. Instead of collecting information from a mobile device, **scanning information** digitally is much more efficient.



Initial Wireframes

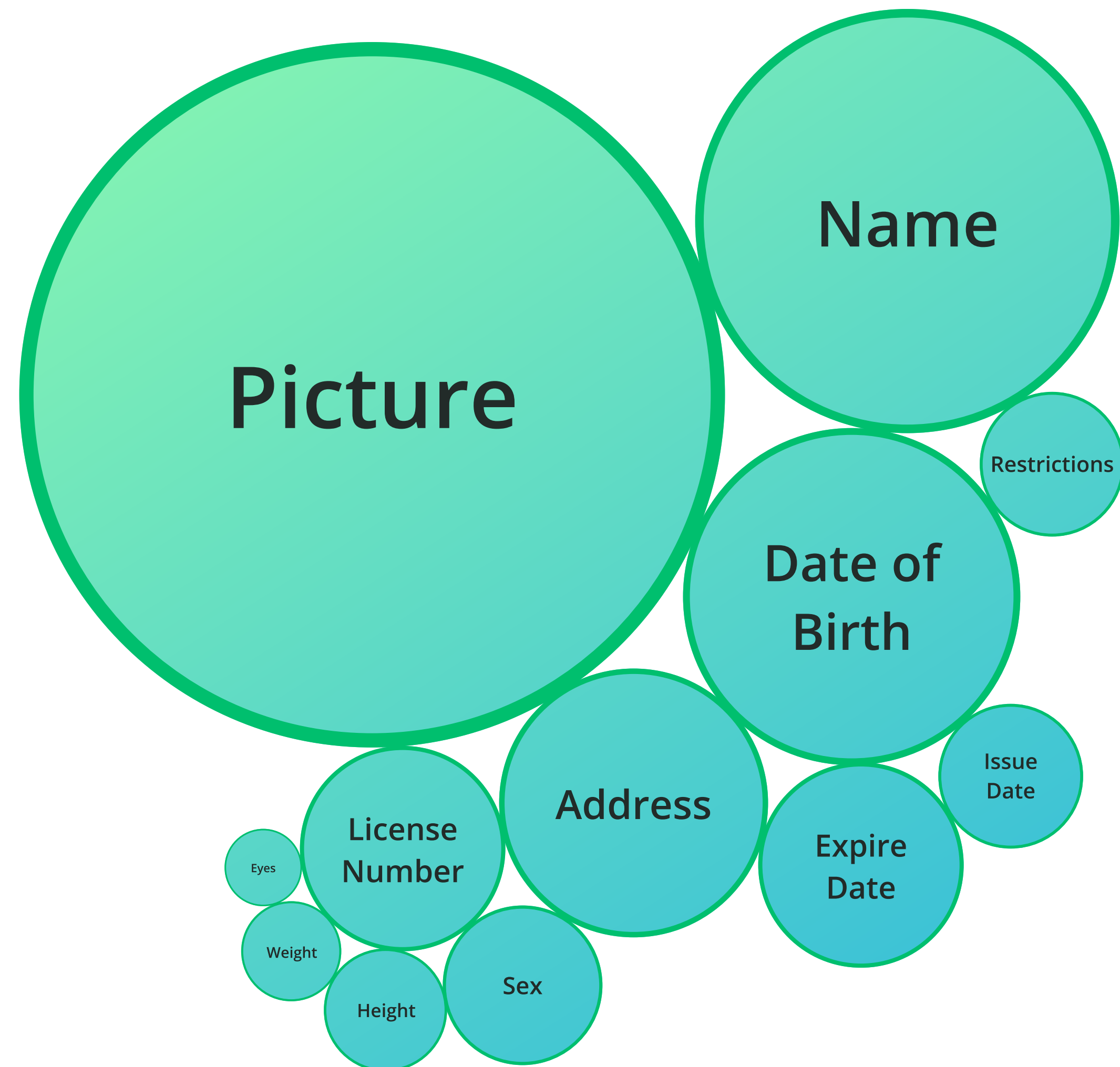
I started with laying out all the information and **organizing** them in a much more legible layout, making sure the information is easy to read. I made **readability** the first thing to focus on, solving for the biggest complaint about the license.



Iterations

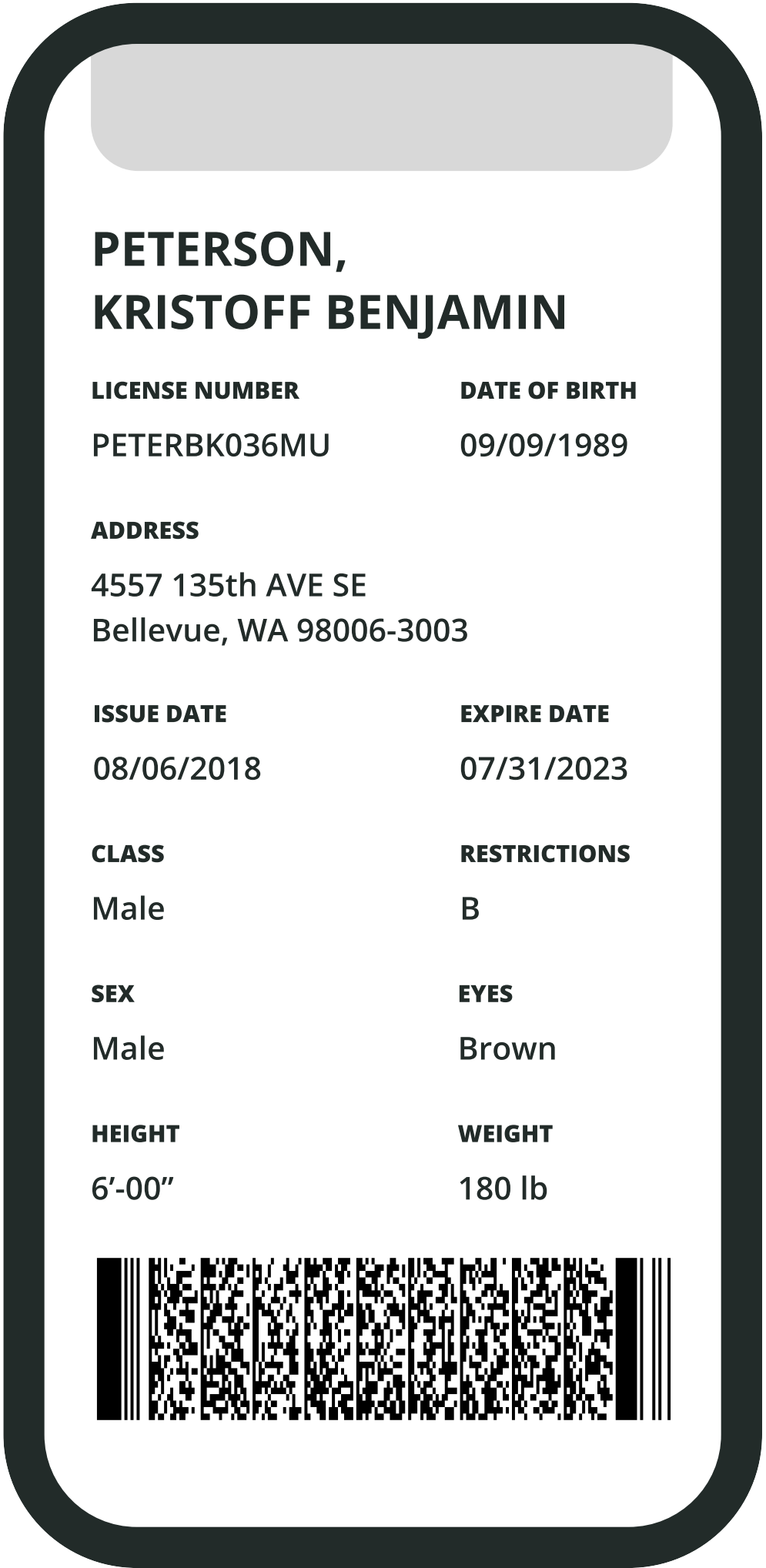
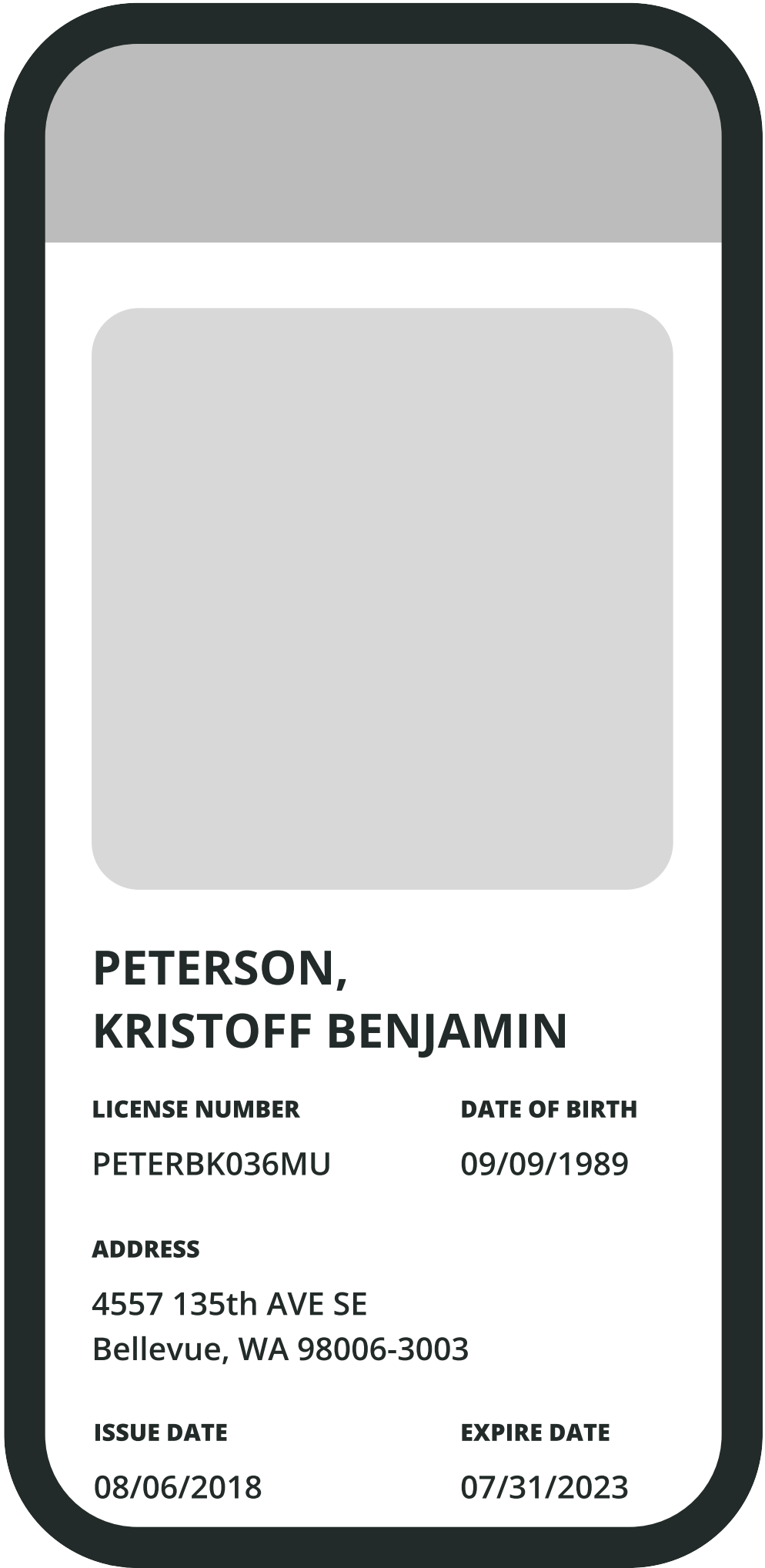
Information Priority

From the interviews, I learned that not every piece of information on the license is equal in **importance**, prioritizing them will help me group information for better efficiency.



Updated Wireframes

Following my priority list, I reorganized the information to fit user’s needs better. With the insights I got from interviews, I’m able to make more **informed decisions**. The bar code is kept at the very bottom to accommodate legacy scanners during this **transition period**.



19-23

Visual Style

The look and feel of the app.

MOODBOARD

Nature in the Future

It focuses on the concept of futuristic nature, fusing the natural greenery of Washington state and the futuristic world ahead of us. It reminds the user of the potential of technology and the precious nature at the same time.

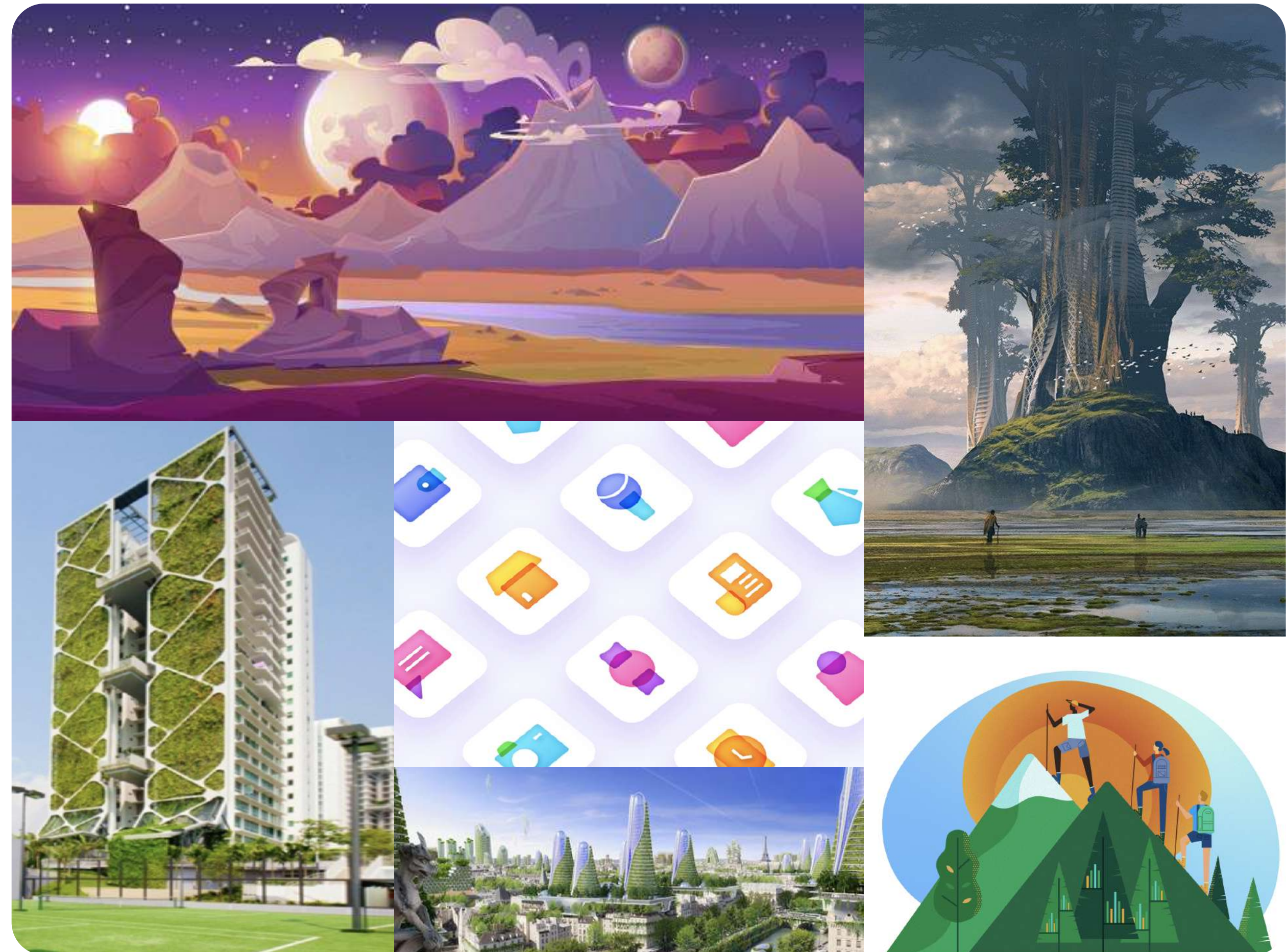
KEY WORDS

Futuristic

Vibrant

Bright

Advanced



Nature in the Future

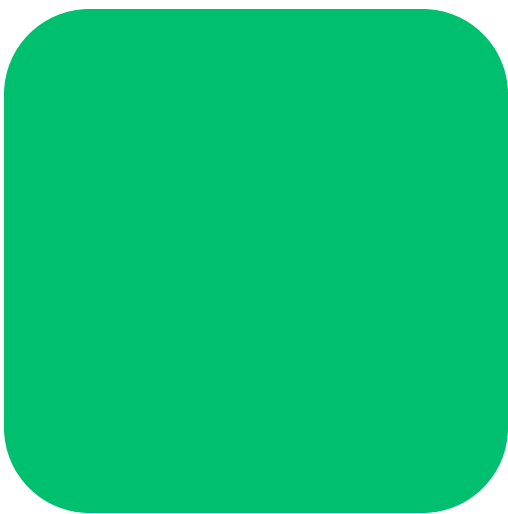
Typography

H1
Open Sans
24pt, Bold

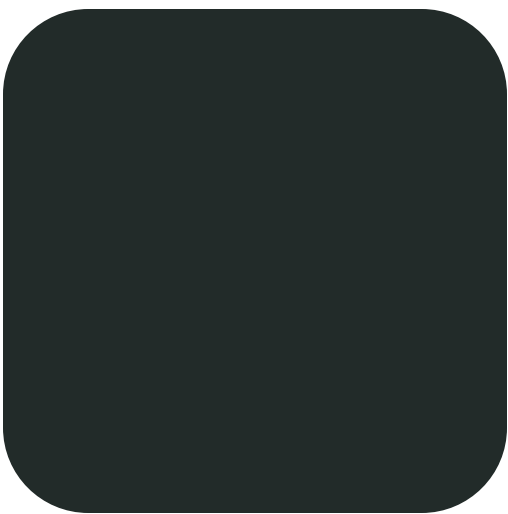
H2
The quick brown fox jumps over the lazy dog
12pt, ExtraBold

BODY
The quick brown fox jumps over the lazy dog
16pt, Medium

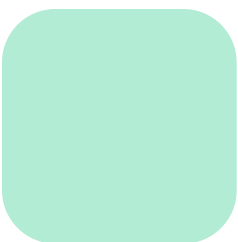
Colors



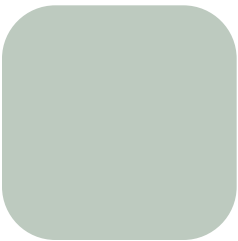
#00BF6E



#222B29



#B3ECD4



#BDCABF



#00DB30

#00BDE7



#85F4B2

#33BCDB

Graphic Assets

Graphic

Mt. Rainier is the tallest mountain in Washington state, making it one of the most iconic symbols of the state.

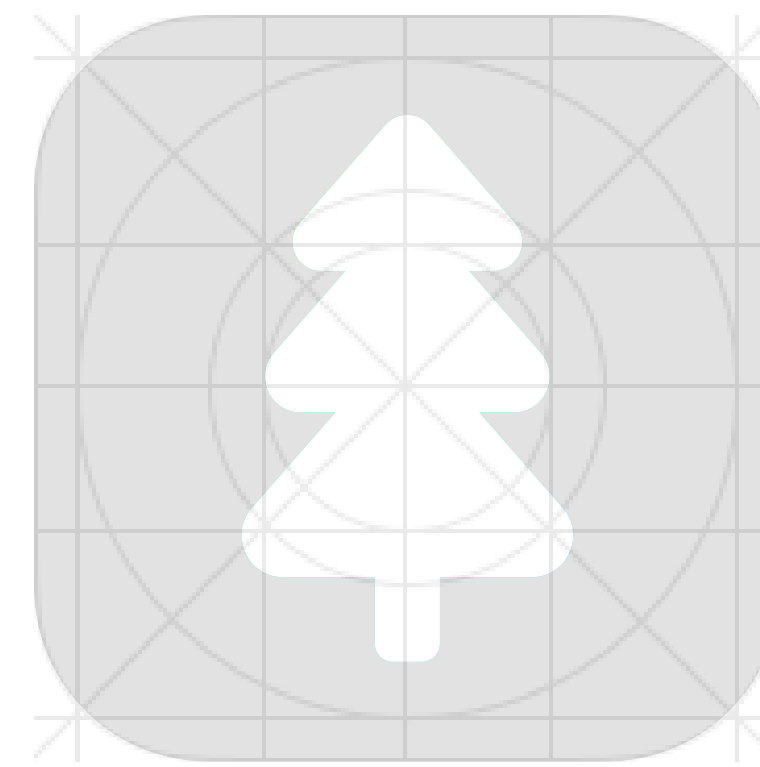


Filled



Outlined

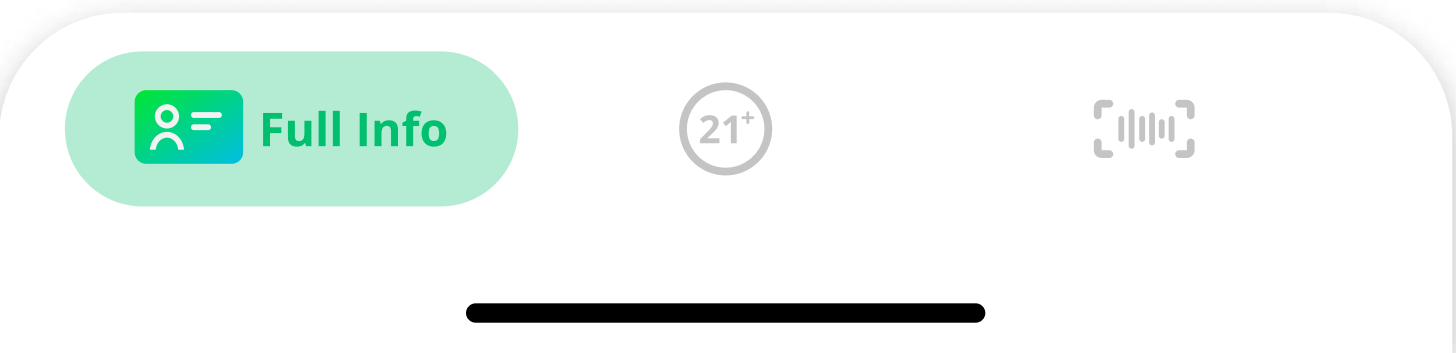
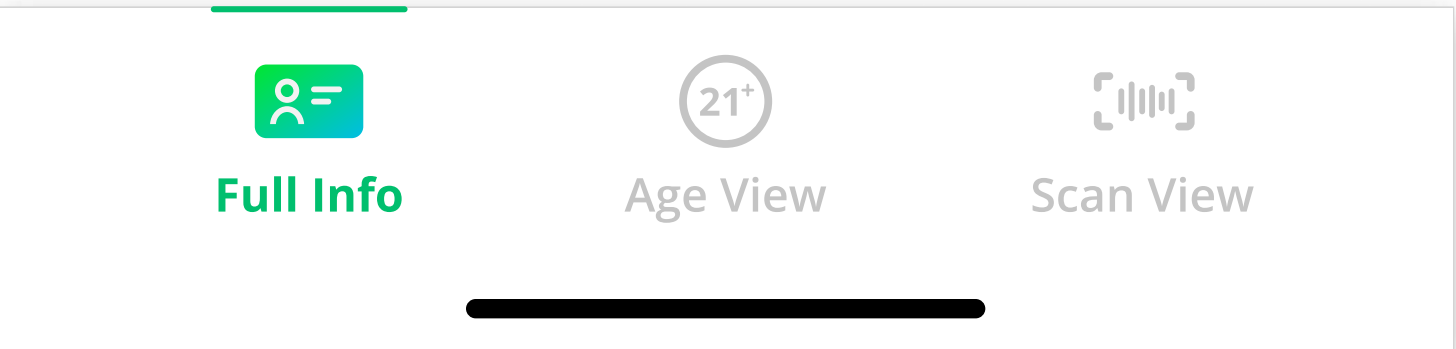
Logo



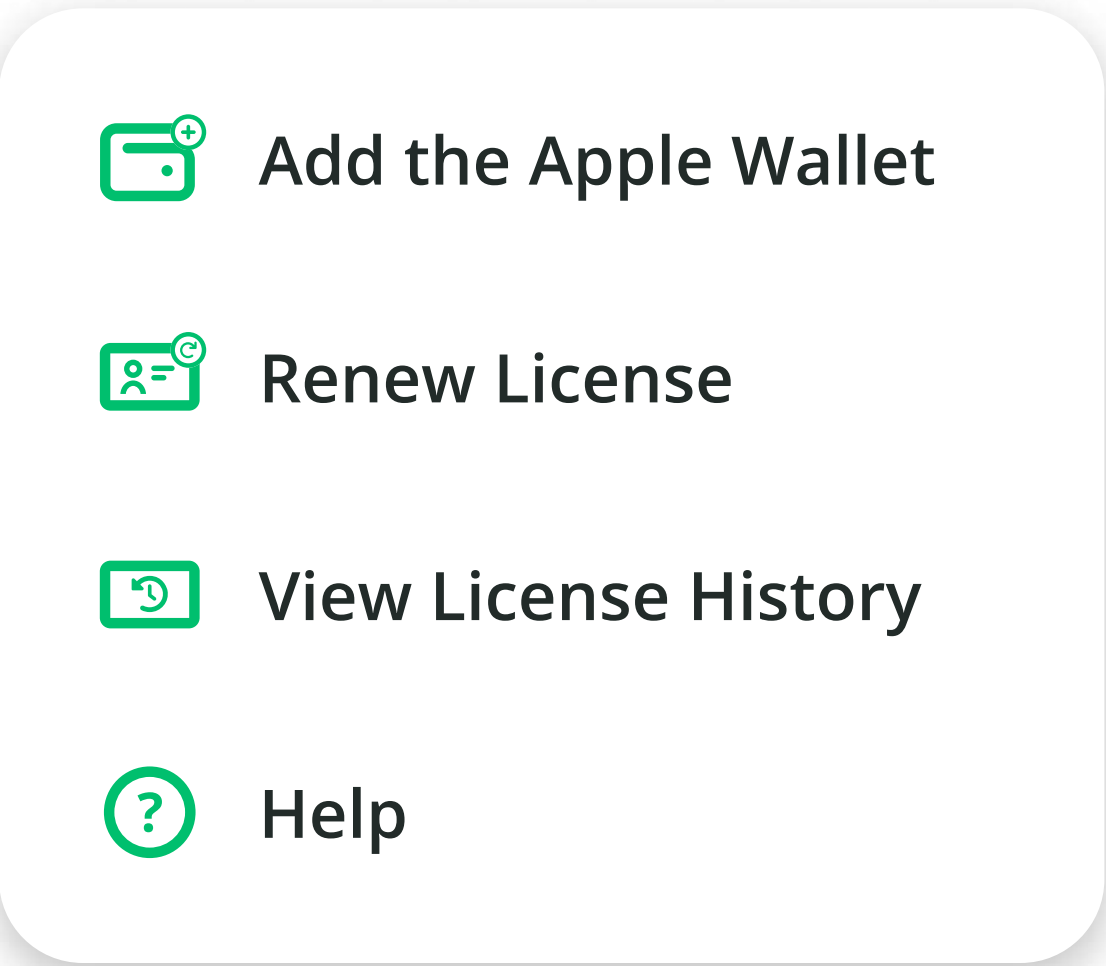
Inspired by Washington's state tree, Western Hemlock, I designed the logo to symbolize and stay true to the state's natural icons.

UI components

Menu Bar



List



Buttons

More Information



24-29

Solution Screens

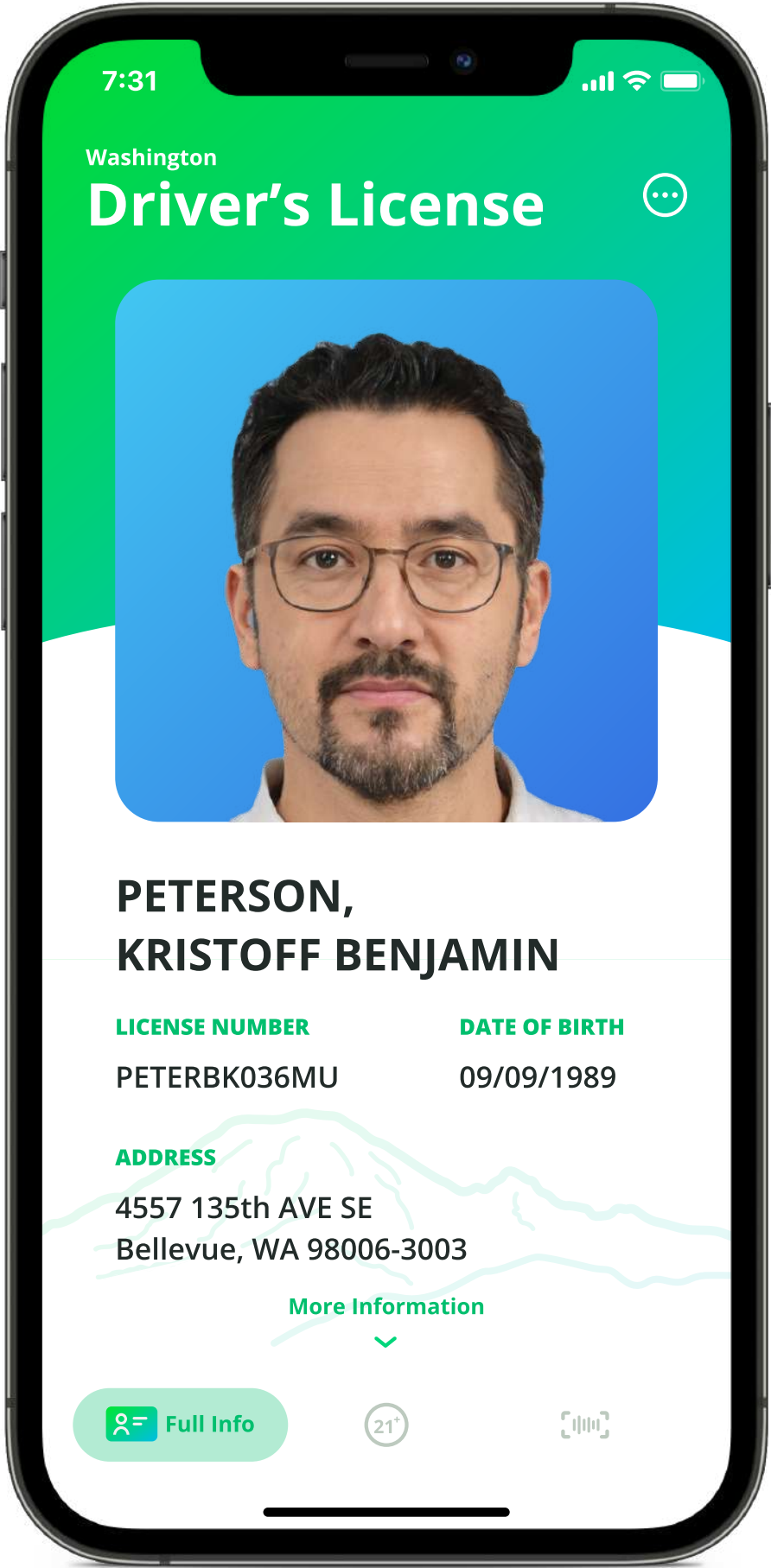
The final result.

Will Lee - Washington Driver's License

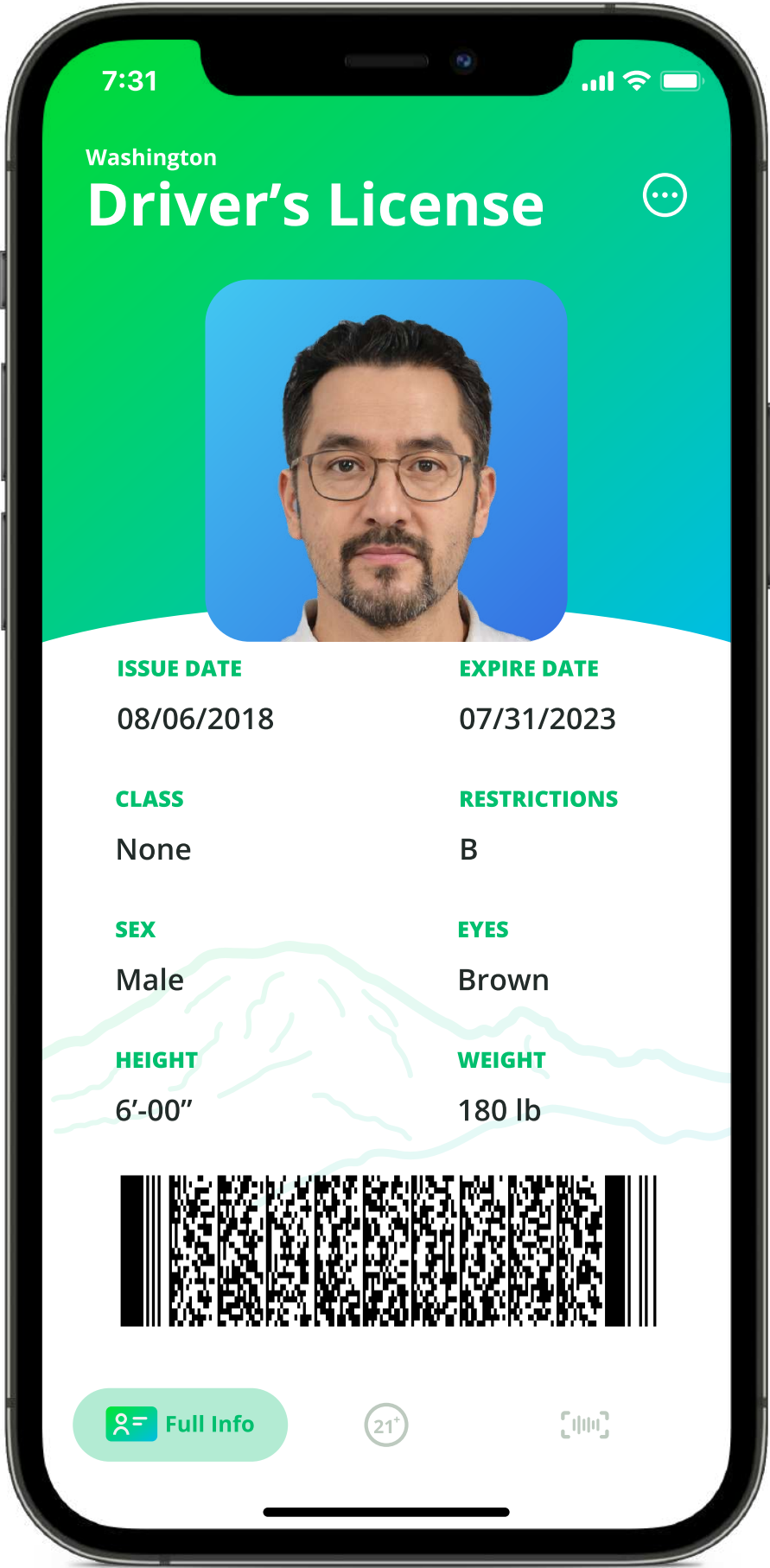
A stylized illustration of a mountain range in shades of green and teal, located at the bottom of the slide.

License View

Users are presented with a **clean and simple** version of their driver's license in a digital format. To reveal additional information, users can either click on More Information or scroll to reveal.



Full Info

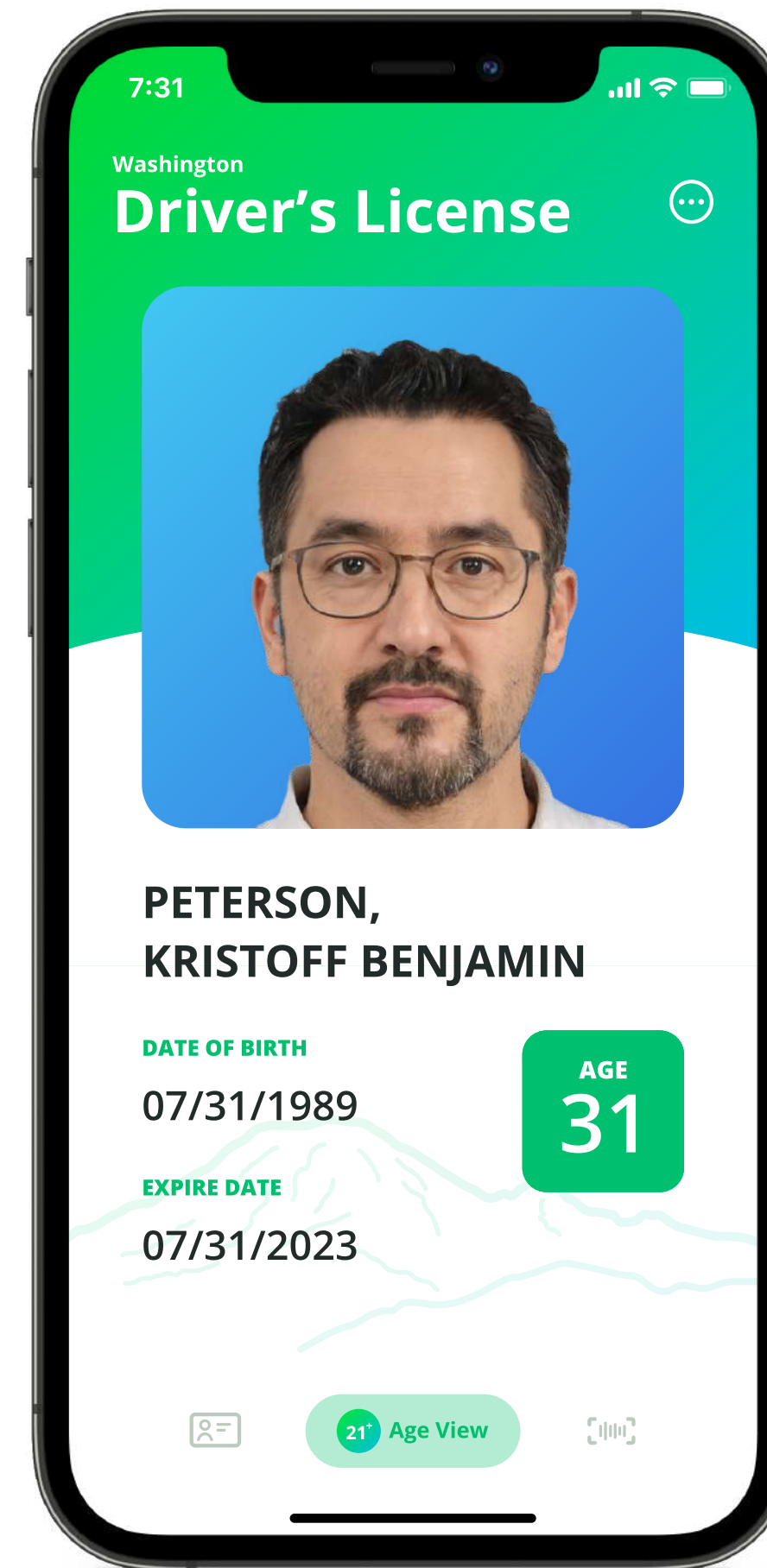


Full Info Scroll

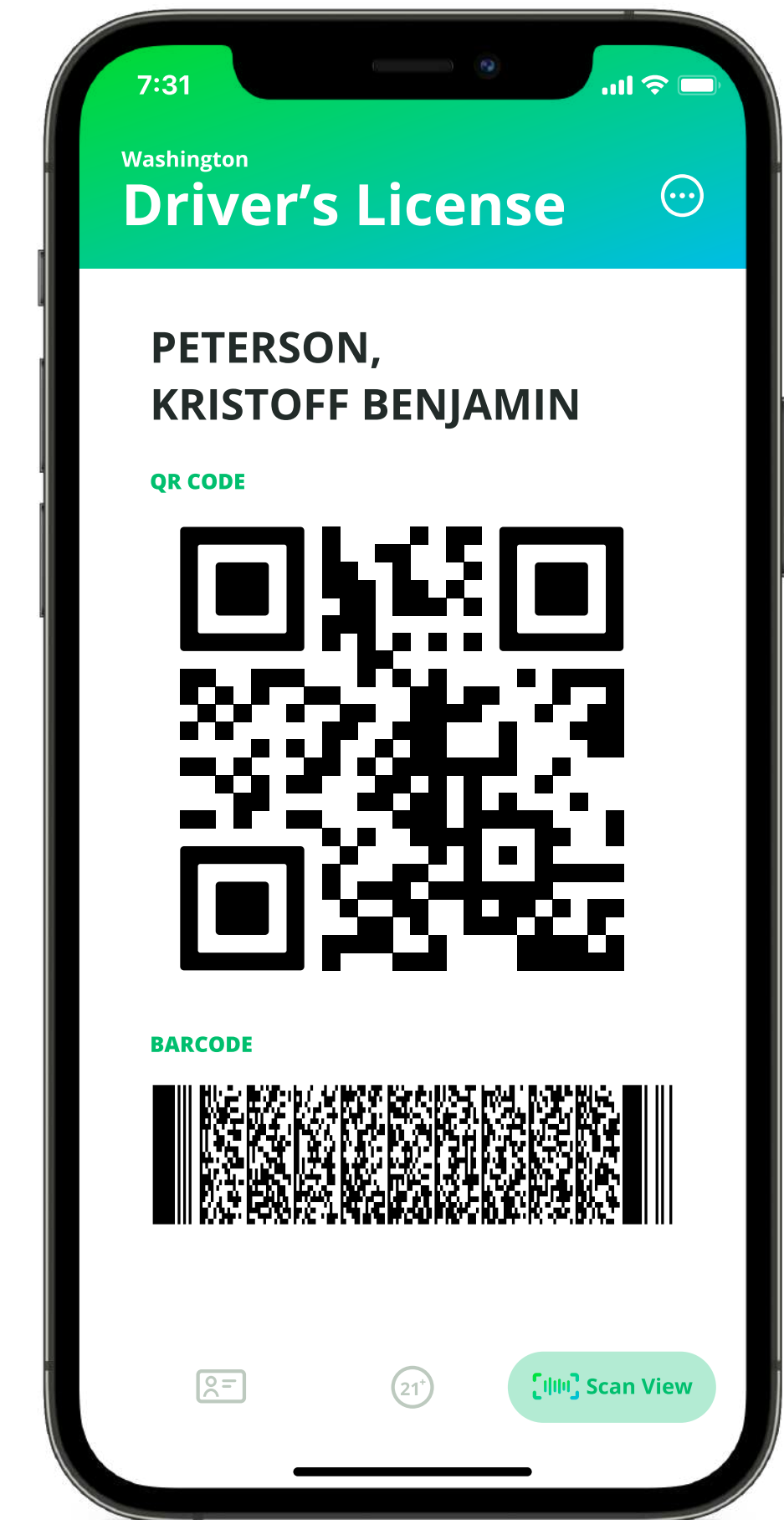
FINAL DESIGN

Age View & Scan View

As some users don't like to show strangers more information than they need to, Age View is specifically for **age verification**. Scan View is for only for scanning, both QR code and barcode, giving users a more **efficient** way to provide information.



Age View



Scan View

Authentication

To ensure the authenticity of the digital ID, users can **Haptic Touch (long press)** on the Mt. Rainier watermark to play an animation. This separates the genuine digital ID from a simple screenshot.

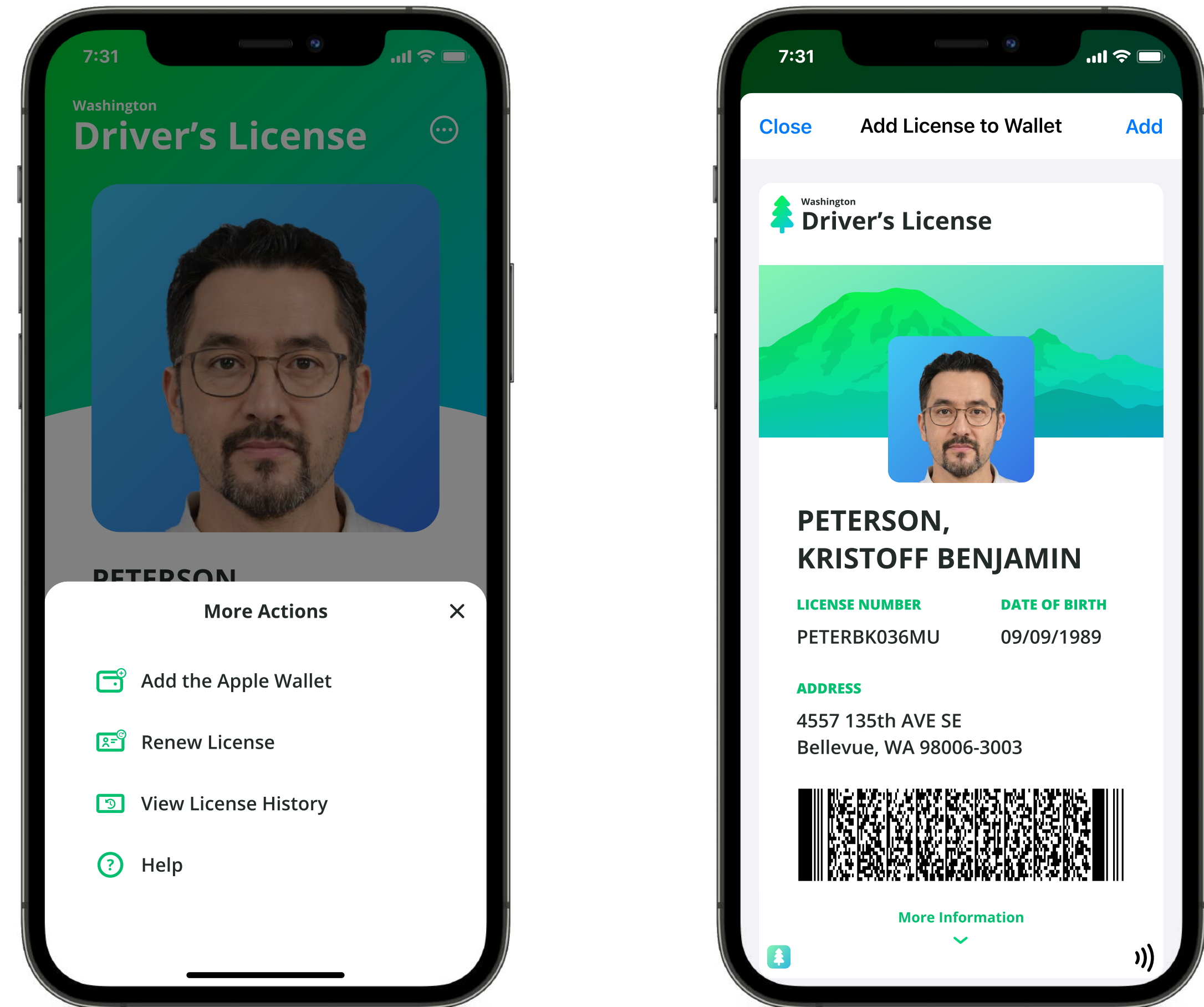


Authentication Animation

FINAL DESIGN

Wallet Intergration

Users can add their digital driver's license to their Apple Wallet for easier and quicker access.

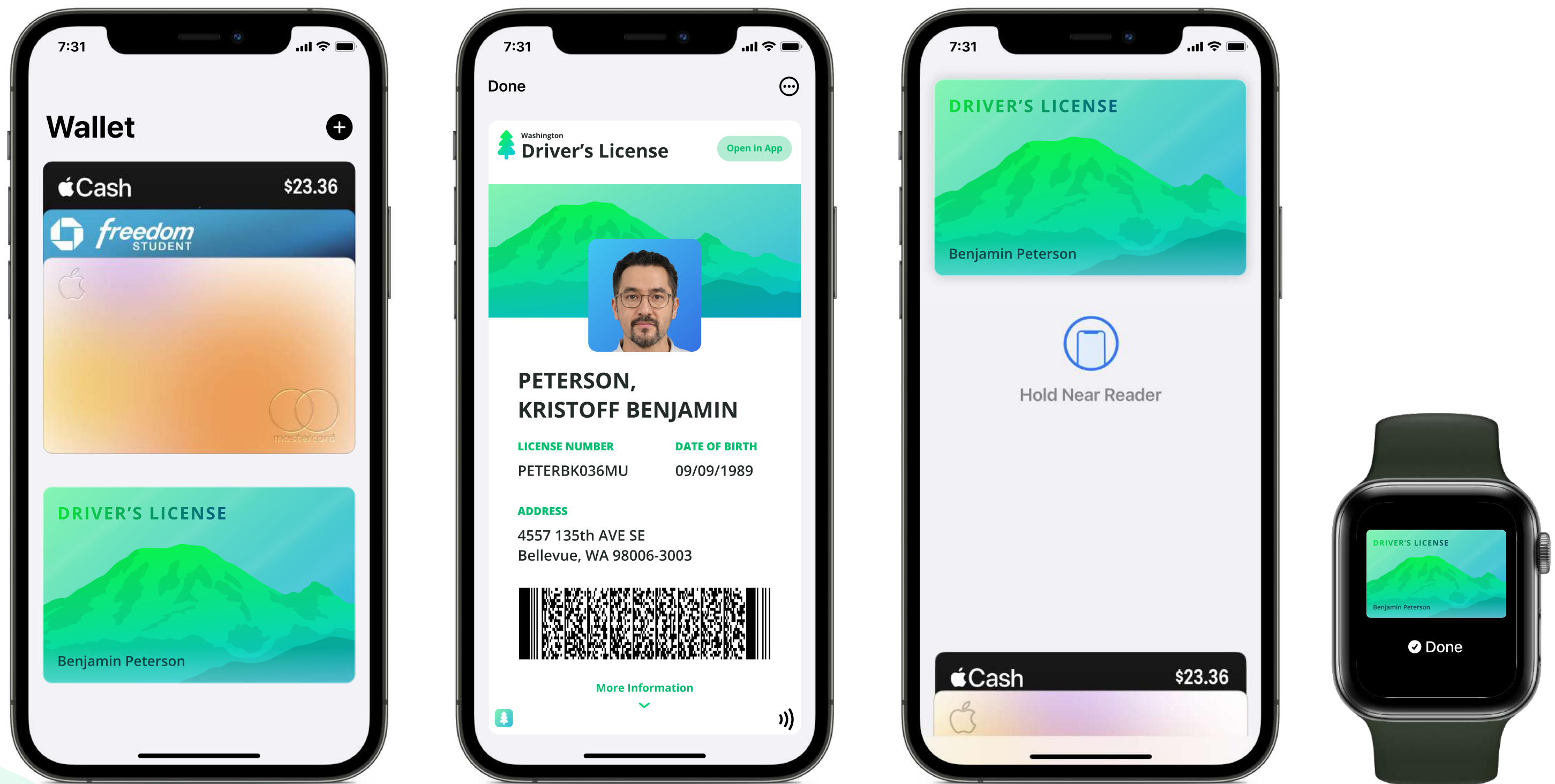


Add License to Wallet

FINAL DESIGN

Apple Wallet

With the driver's license in the Apple Wallet, users can easily provide information with **short-range wireless technology** like credit cards, giving users an even quicker and secure method than scanning.



Apple Wallet View

Further Exploration

Adding the license

I would like to get more in-depth to the process of adding the license to the app. It could be **account based** and scans the barcode to add the license in the app, taking advantage of the phone cameras. This beginning process intrigues me, and it's worth spending some time on to make the whole concept more thorough.



Thank you

Will Lee - Washington Driver's License