

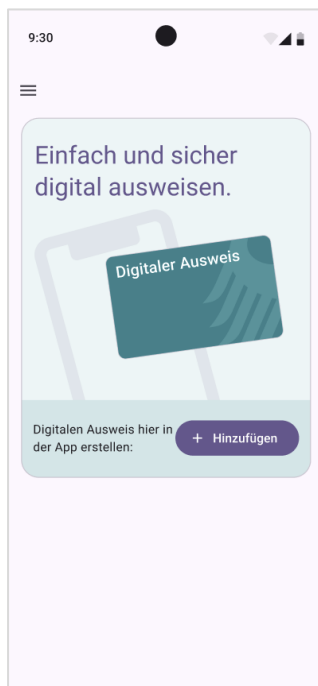
Supporting document for the EUDI-Wallet - User flow diagram; description for blind and visually impaired people

This document presents the current status of the user flow for creating a digital ID in the EUDI Wallet, illustrated with screenshots. The descriptions of the screenshots are intended to help visually impaired users get a sense of the planned implementation. This is intended to serve as a bridge until it becomes possible to test a prototype with the mobile platforms' built-in screen readers. The app's color scheme is still under development. Colors are not mentioned here unless they are used to convey additional information (e.g., a green checkmark or a red X indicating an error).

Explanation of the document's structure

Each new screenshot is marked with an h2 heading. A description of the content follows each screenshot. The alt text for each screenshot provides brief information about the context of the screen.

Screen #1



After completing the onboarding process, users are taken to the home screen of the wallet. In the upper-left corner is the hamburger menu icon (three horizontal lines), which takes users to the app settings.

In the top third of the home screen is a rectangular area that stands out from the background. At the top of this area is the heading “Simple and secure digital identification.” Below it is an image of a credit card-sized card with the text “Digital ID.” On the right side of the card, a wing of the federal eagle is partially visible. Below that is the prompt “Create a digital ID here in the app:” along with a button featuring a plus icon and the text “Add.”

Screen #2



The screen's headline reads: "Before we begin, do you have one of these IDs?"

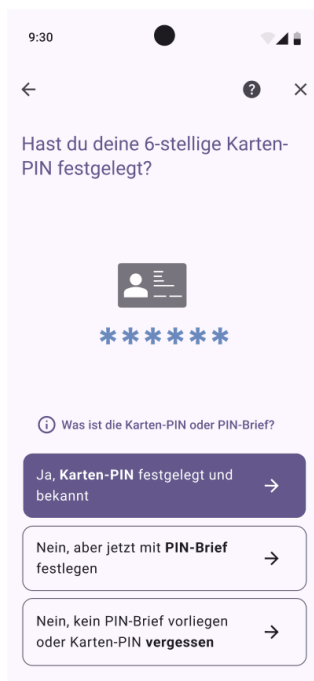
Above the headline, in the top left corner, there is a back arrow that takes the user back to the home screen. In the top right corner is a question mark icon. Clicking this opens information about this page.

Below this top row is the headline, followed by two illustrations: The first shows a German ID card, with the text "ID card" to the right of it. The second illustration shows a residence permit card, with the text "Residence Permit" to the right of it.

Below the two illustrations is a help button in the form of a text button. On the left side of the button is the info icon, consisting of the lowercase letter "i" in a circle, and to the right of it is the text "How do I add my ID to the Wallet app?". Clicking this button provides further relevant information.

Below that are the last two elements on the screen. There are two buttons: "Yes, I have one" to confirm possession of the ID card or residence permit, and "No, I don't have one".

Screen #3



The screen's headline reads: "Have you set your 6-digit card PIN?"

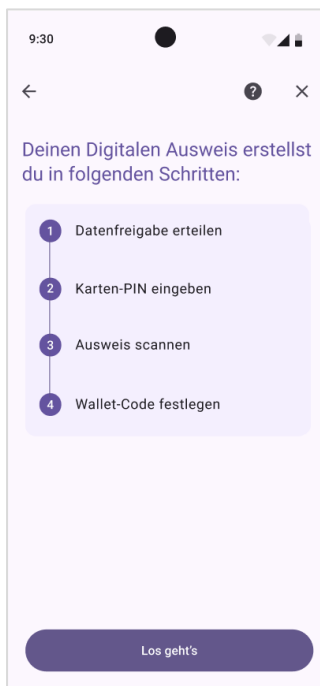
Above the headline, in the top left corner, there is a back arrow that takes the user back to the home screen. In the top right corner, there are two graphical controls in the form of icons: The one on the left is a question mark. This can be used to access information about this page. To the right of it is an "X," which can be used to cancel the process.

Below the heading, an illustration is displayed consisting of a stylized ID card and six stars, intended to symbolize a PIN entry.

Below the illustration is a help button in the form of a text button. On the left side of the button is the info icon, consisting of the lowercase letter "i" in a circle, and to the right of it is the text "What is the card PIN or PIN letter?". After clicking this button, additional information is provided.

Below that are the last three elements on the screen. There are three buttons labeled "Yes, **card PIN** set and known," "No, but set it now with the **PIN letter**," and "No, no PIN letter available or card PIN **forgotten**."

Screen #4



The screen's heading reads: "Follow these steps to create your digital ID:".

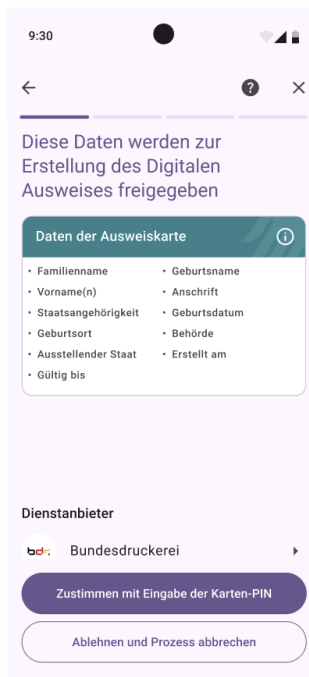
Above the heading, in the top left corner, there is a back arrow that takes the user back to the home screen. In the top right corner, there are two graphical controls in the form of icons: the one on the left is a question mark. Clicking this opens information about this page. To the right of it is an "X," which can be used to cancel the process.

Below the heading, the sequence of steps for digitizing the ID card is visualized: On the left, the numbers one through four are displayed in four circles arranged vertically in a line. Next to each circle, on the right, is the corresponding step:

1. Grant data access
2. Enter your card PIN
3. Scan your ID
4. Set your Wallet code

At the very bottom of the screen is the "Let's go" button, which you can use to start the process.

Screen #5



In the top row, there is a back arrow on the left that takes the user back to the home screen. In the top right corner, there are two graphical controls in the form of icons: the one on the left is a question mark. This can be used to access information about this page. To the right of it is an “X” that allows the user to cancel the process.

Below that, a progress bar spans the width of the screen. It is divided into four steps. Of the four sections, the left one has a significantly higher contrast than the three to its right.

Below the progress bar is the screen’s heading: “This data will be released for the creation of the digital ID card.” Below that is a box with a first line highlighted in color. Centered to the left in this line is the text “ID card data”; to the right is an info icon consisting of the lowercase letter “i” in a circle.

Below this first line, entries are listed in the box across two lines with bullet points. In the left column, there are six entries:

- Last name
- First name(s)
- Nationality
- Place of birth
- Issuing country
- Valid until

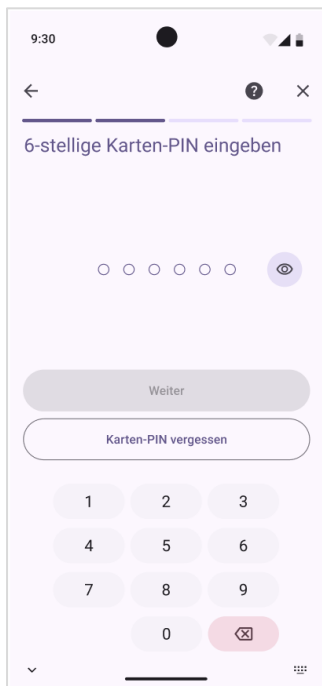
There are five entries in the right-hand column:

- Birth name
- Address
- Date of birth
- Agency
- Created on

In the lower third of the screen, the text “**Service Provider**” appears in bold, left-aligned. On the next line is the Bundesdruckerei logo, with the name “Bundesdruckerei” to its right.

At the very bottom of the screen, two buttons are arranged one above the other: “Agree and enter card PIN” and, below that, “Decline and cancel process”

Screen #6



The top part of the screen is identical to the previous one, except that now two of the four bars on the progress bar are highlighted.

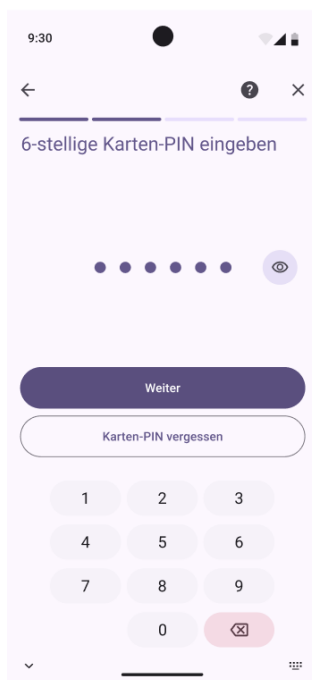
Below that is the screen’s heading: “Enter 6-digit card PIN.”

Centered in the middle of the screen, at a slight distance, are six unfilled circles. Next to them is an icon of a stylized open eye. This graphical button can be used to reveal the masked card PIN. When revealed, a crossed-out open eye is displayed.

Below the six circles, two buttons are visible. The top button is labeled “Next” and is disabled. This is visually indicated by a light gray background color with dark gray text. Below it is a “Forgot Card PIN” button.

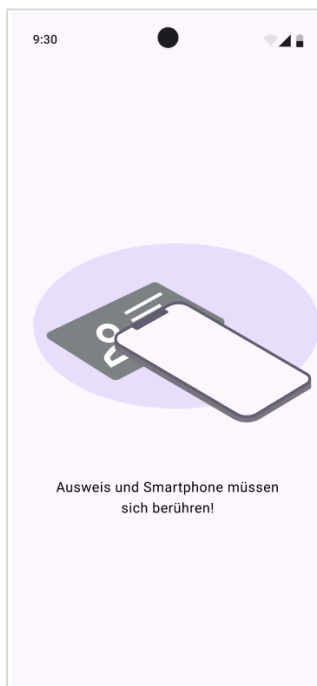
In the lower third of the screen is the input field for entering the PIN. In upcoming and final versions, this input option will be replaced by the system keyboard.

Screens #7



On this screen, the user has entered six digits. All the circles are now filled in, and the “Next” button is now enabled. This is visually indicated by the dark background and white text, which are consistent with the previous screens.

Screen #8



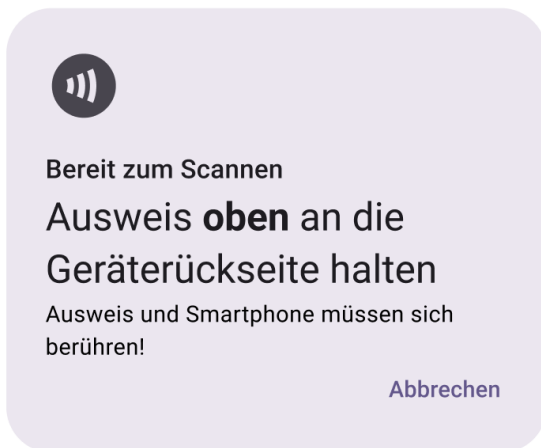
Screen #8 shows the NFC scan dialog for reading the ID card. An animation plays in the center of the screen. It shows a stylized ID card with a smartphone positioned above it at a slight distance. The smartphone's screen is facing upward. The smartphone moves downward toward the ID card and is placed on top of it.

Note: The animation will later be designed so that the position shown matches the position to be held in practice.

Below the animation is the text “The ID card and the smartphone must touch!”

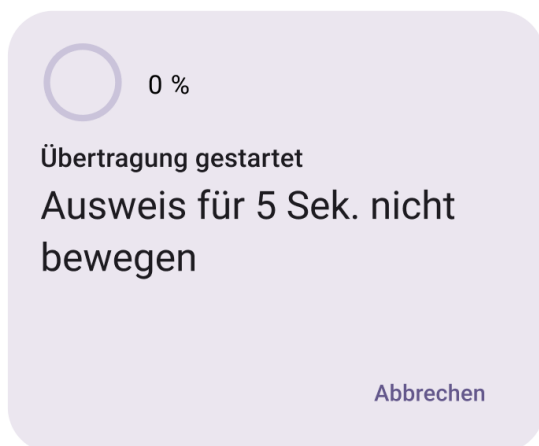
Text alternative for the animation read by the screen reader: “Hold the ID card against the back of the device until the rising tone ends. The ID card and the smartphone must touch.”

Screen #9



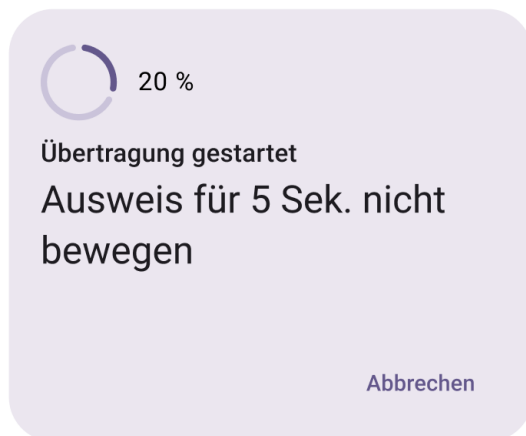
A small modal dialog box appears in the lower third of the screen. The NFC icon is visible in the top-left corner. Below it, in small, bold text, it says “Ready to scan.” This is followed by a paragraph and, in larger font, the text “Hold your ID card against the **top** of the back of the device.” The word “top” is in bold. Below that is a paragraph in small font: “Your ID card and smartphone must touch!” At the bottom right is the “Cancel” text button.

Screen #10



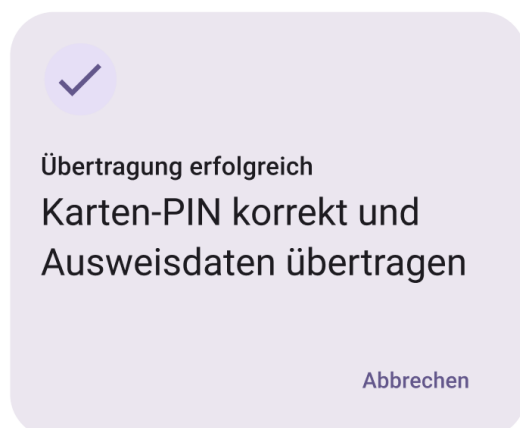
In the upper-left corner, where the NFC icon used to be, there is now an unfilled circle. To the right of it is the text “0%”. Below that, in small, bold font, is the text “Transfer started”. This is followed by a paragraph in large font: “Do not move the card for 5 seconds”. In the lower-right corner is a text button labeled “Cancel”.

Screen #11



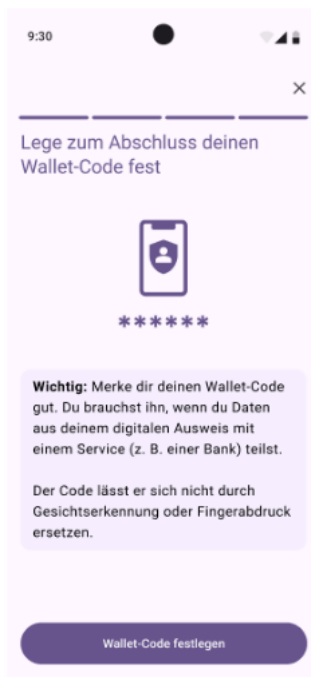
In the dialog box, the color of the circle changes in a clockwise direction. Starting at the top center, the color of the circle becomes darker or more saturated as it moves clockwise. To the right of it, the percentage value changes accordingly. A fully colored circle corresponds to 100%. At the bottom right is a button labeled “Cancel.”

Screen #12



When the circle is completely filled in and the status “100%” appears to the right of it, the dialog changes: The circle is replaced by a checkmark icon, and the percentage display to the right of it disappears. Below that, in small, bold text, it says “Transfer successful.” This is followed by a paragraph, and below that, in large text, it says “Card PIN correct and ID data transferred.” At the bottom right is a button labeled “Cancel.”

Screen #13

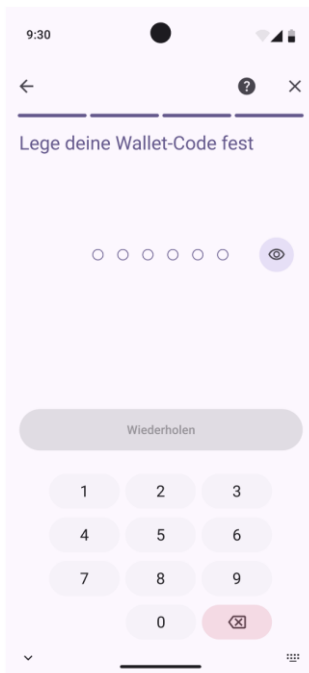


In Screen #13, all four segments of the progress bar are now shaded. In the top row, there are two graphical buttons in the upper right corner: on the left is a question mark icon, and to the right of it is an “x” icon to cancel the process.

Below that is the heading “Set your wallet code to complete the process.” In the center of the screen is a stylized smartphone. On the smartphone screen is a sign showing a stylized person. Below the smartphone are six asterisks. Below that is the text “**Important:** Make sure to remember your wallet code. You’ll need it when you share data from your digital ID with a service (such as a bank). The code cannot be replaced by facial recognition or a fingerprint.” The word “important” is highlighted in bold.

At the bottom of the screen, there is a button labeled “Set Wallet Code.”

Screen #14

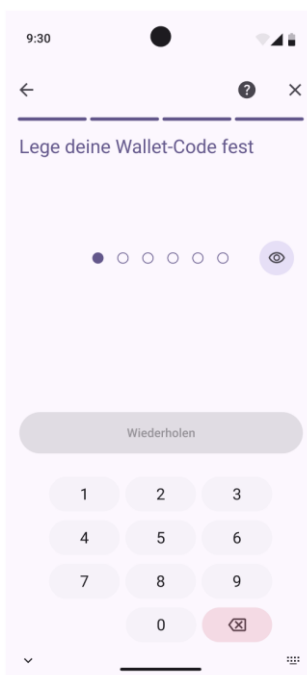


In the top row, there is now a left-pointing arrow icon in the top-left corner serving as the Back button. The rest remains the same: in the top-right corner, there are two buttons with the question mark icon and the “x” icon, and below them is the progress bar with four filled-in sections. Below that is the heading “Set your wallet code.”

In the center of the screen, there are now four circles. These are not filled in. An eye icon is displayed to the right of the circles. Below the circles is a grayed-out, disabled button labeled “Repeat.”

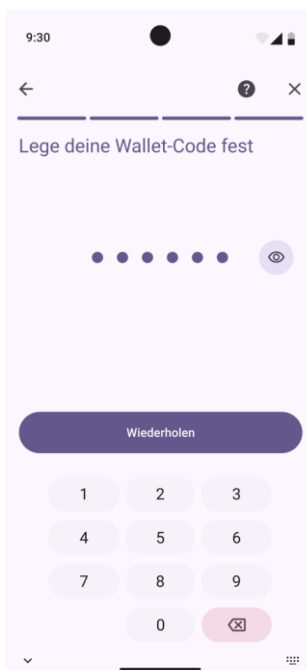
Below that is a numeric field divided into four rows: “1, 2, 3,” “4, 5, 6,” “7, 8, 9.” In the last row, the number 0 is in the middle, and to the right of it is the “Delete” symbol.

Screen #15



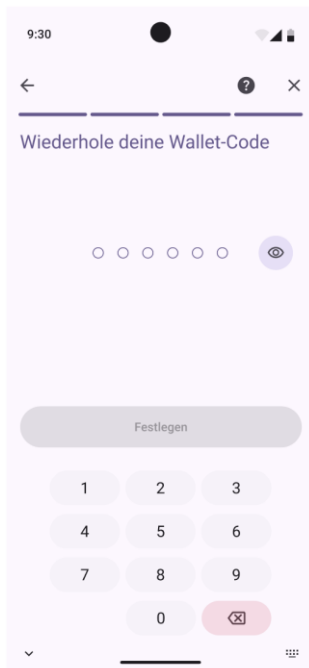
After entering a digit, the circles in the center of the screen are filled from left to right in the color of their border. After entering a digit, the left circle is filled, but the five circles to its right are not.

Screen #16



After six digits have been entered, all six circles are filled in. The “Repeat” button below changes from grayed-out/disabled to active when the sixth digit is entered. This is indicated by a contrast ratio of 4.8:1.

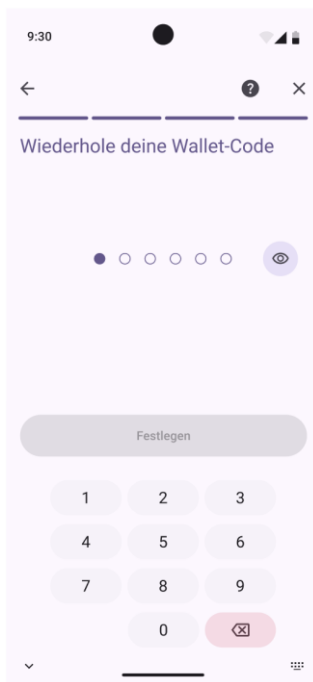
Screen #17



The layout of this screen is the same as the “Set Your Wallet Code” screen before entering a digit. However, there are two changes:

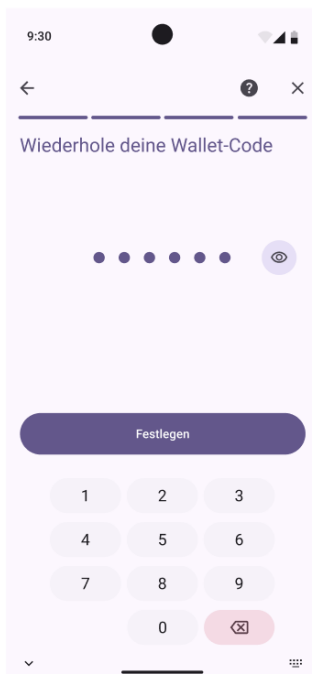
1. The heading now reads “Re-enter Your Wallet-Code”
2. The button above the keypad is now labeled “Set.”

Screen #18



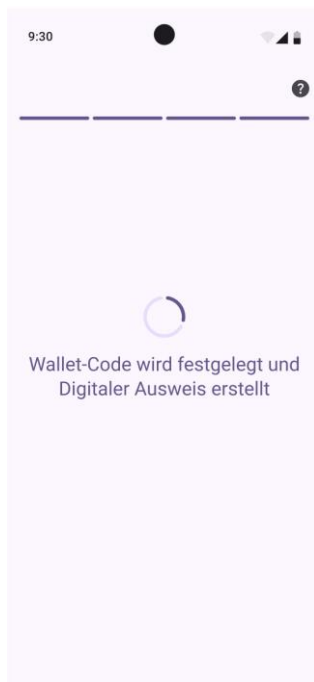
Just as when setting the wallet code, entering a digit using the on-screen keypad fills the circles in the center of the screen from left to right.

Screen #19



Once all six circles are filled in, the "Set" button becomes active.

Screen #20

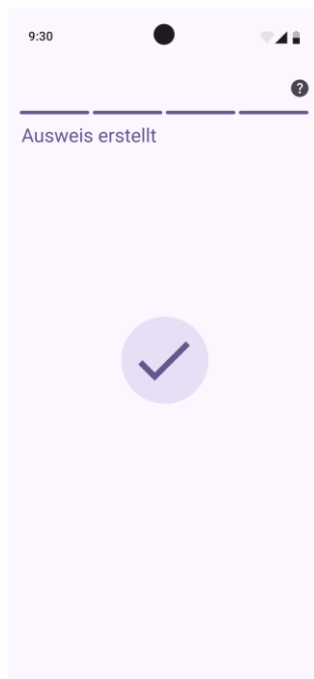


After tapping the “Set” button on Screen #19, the content changes.

The “Back” and “Cancel” buttons disappear from the top row. The graphical control with the question mark icon appears in the top-right corner. Below it, the progress bar with the four filled-in bars remains.

In the center of the screen, a circle is visible that fills up clockwise. Below it, in large text, it says: “Wallet code is being set and digital ID is being created”

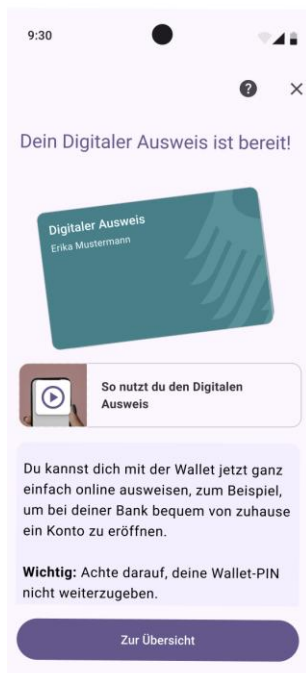
Screen #21



Once the circle is completely filled, the text “ID created” appears in large font below the progress bar.

A checkmark appears in the center of the screen in place of the previous circle.

Screen #22



The progress bar is no longer displayed. Below it is now the heading “Your digital ID is ready!”.

Below that is the image of a credit card-sized card, familiar from the start screen (Screen #1), featuring the text “Digital ID” and a cropped image of the federal eagle. On the next line below, in smaller font, is the person’s name.

Below the ID, there is a button featuring an image on the left and the text “How to use the digital ID” on the right. The image on the left shows a hand holding a smartphone. The “Play” icon is displayed on the device’s screen.

Below the button is a contrasting-colored rectangle with the text “You can now easily verify your identity online using the Wallet, for example, to open a bank account from the comfort of your home.” After a paragraph, the text “**Important:** Be sure not to share your Wallet PIN” appears, with “Important” in bold.

A “Back to Overview” button is displayed at the bottom of the screen.