BMO: Dropdown Component - Android
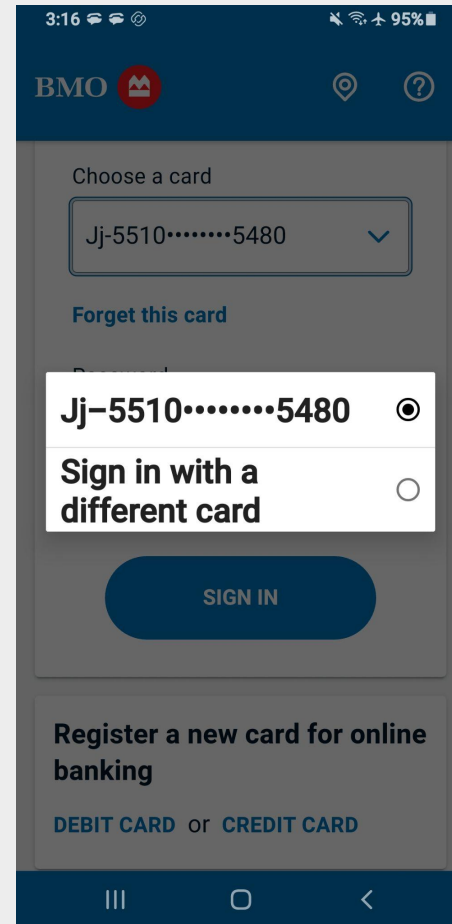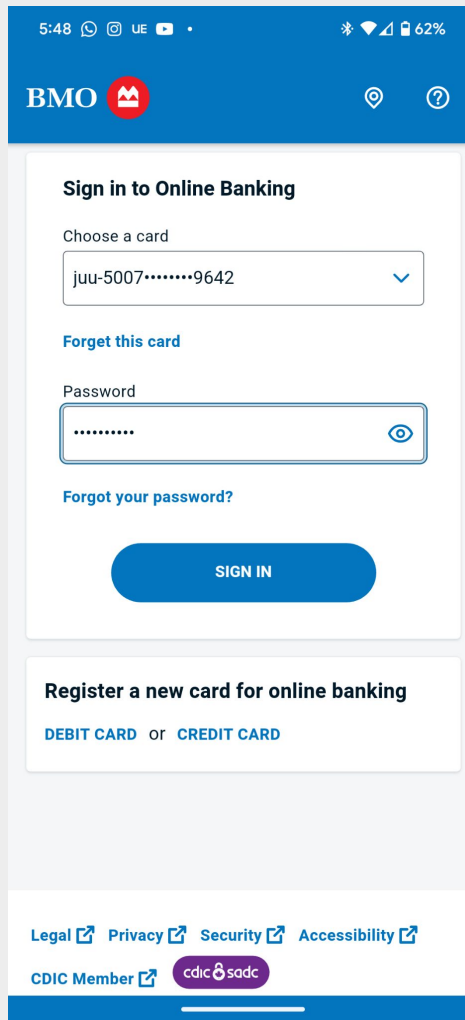
Presented by: Jackson Onyeka
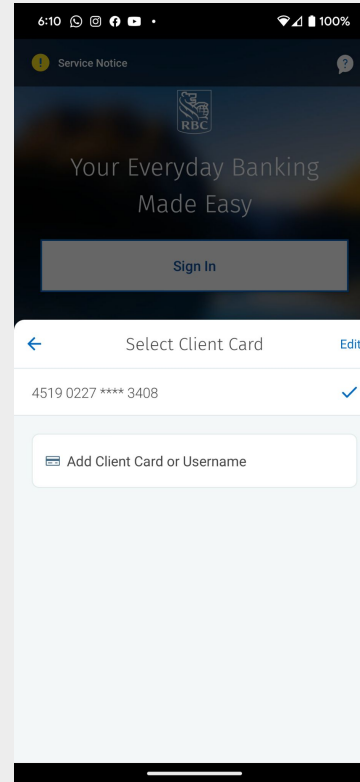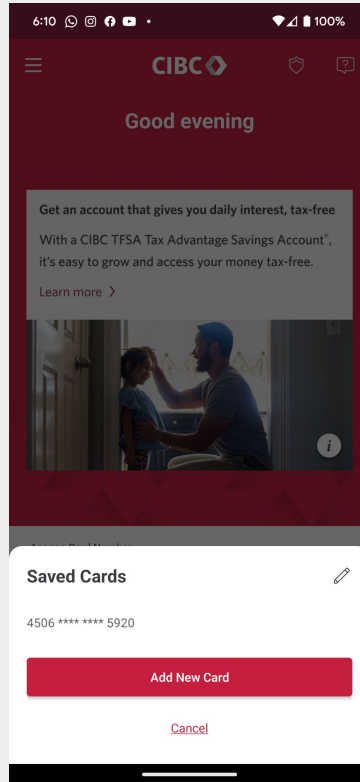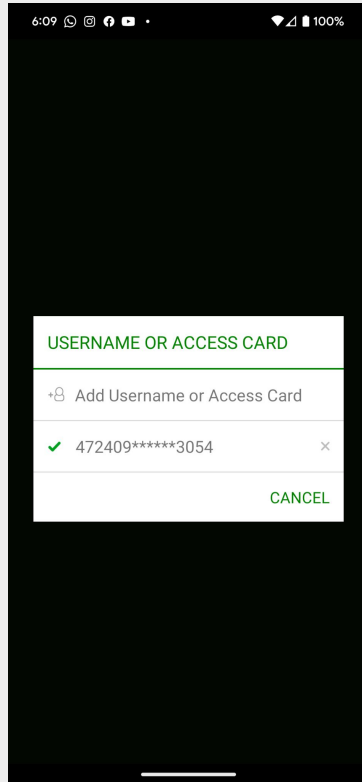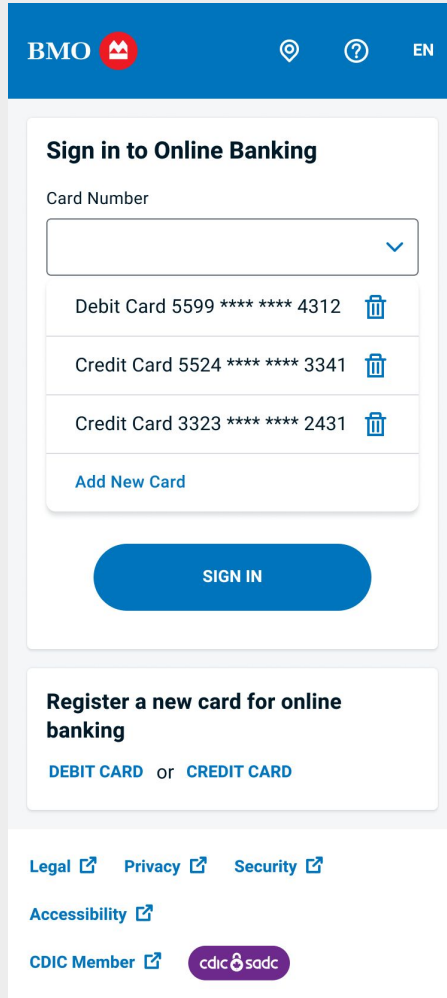
BMO

Overview

Currently, the user experience for selecting which card option you want to use to log into your mobile app from the sign in page is very unpleasant on Android.

Competitive Research

Ideation

Pros
- -Less clicks for the user to take any action on the dropdown

Cons
- -User could click on trash icon by mistake
- -It covers the visibility of primary content displayed on the screen when dropdown is populated with more cards

Ideation
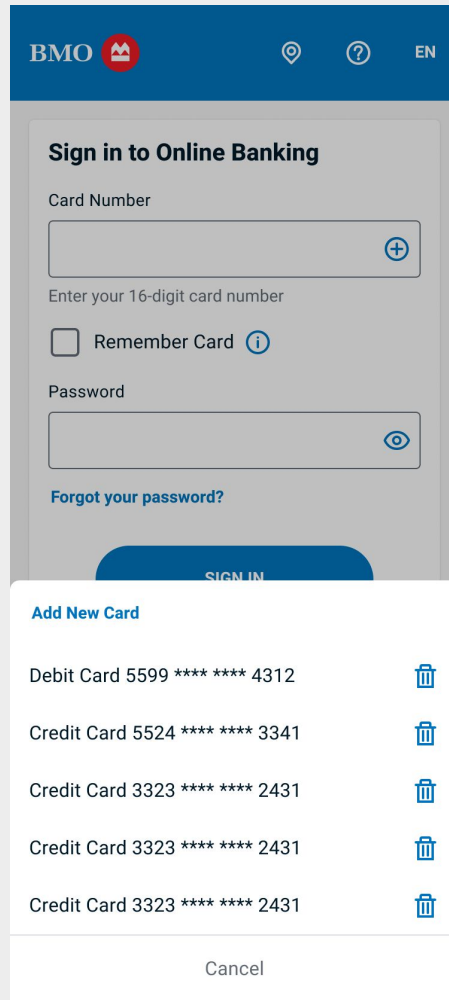
Pros

- All user actions are visible to the user
- Less education for the user
- Does not cover primary content

Cons

- -More clicks
- -User could click on trash icon by mistake due to real estate

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Ideation

BMO 📍 ❓ EN

Sign in to Online Banking

Card Number

4500********500 ⌄

Enter your 16-digit card number

☐ Remember Card ⓘ

Password

Card Number

Debit Card 5599********4312

Credit Card 5524********3341

Credit Card 3323********2431

Debit Card 5599********4312

Debit Card 5599********4312

Credit Card 3323********2431

Debit Card 5599********4312

Sign in with a different card

Cancel

Pros

- -Less clicks for the user to take any action
- More scalable as you add more cards to the bottomsheet

Cons

- -User has limited options for editing cards

User Stories

Design Systems & Accessibility

After evaluating the potential ideas with the team, I liaised with the stakeholders responsible for our design systems and adherence to accessibility. Some of the questions that were addressed include:

Should the items in the bottomsheet be coded as a list

Should we change the icon of the dropdown if we are translating to bottomsheet

How do we address the focused state for selecting cards for screen readers

What is the max amount of cards that can be loaded in the bottomsheet for retail user

What is the maximum height for the bottomsheet before we introduce a scroll

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Solve

Prototype

BMO Financial Group | BMO Enterprise Confluence | Home | Recent ⌄ | Spaces ⌄ | Teams ⌄ | Apps ⌄ | Templates | Create
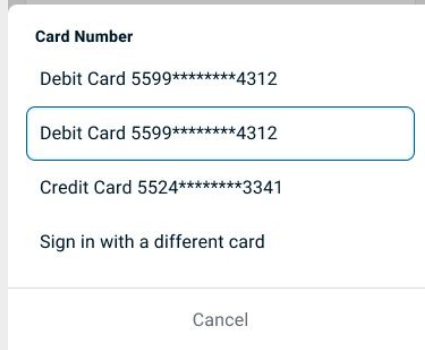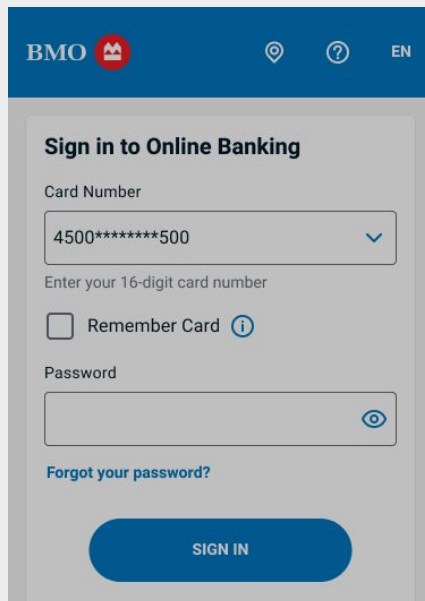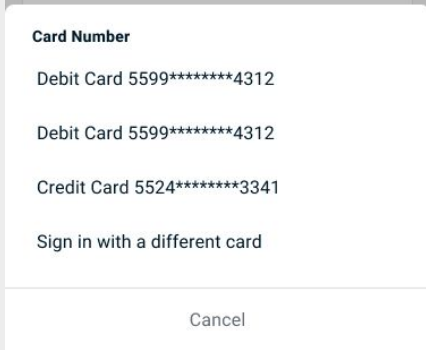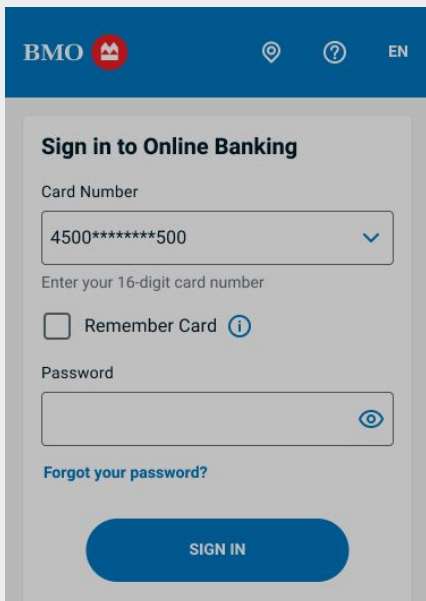
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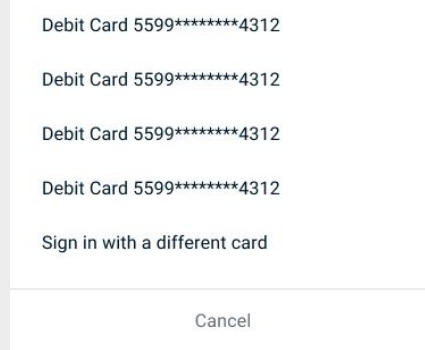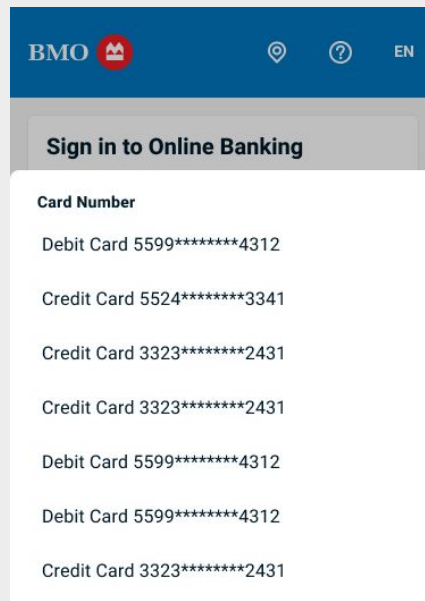
Banking xD Team

- › Checkbox
- › Chip
- › Date Picker
- › Filters
- ⌄ Inputs
  - › Alphanumeric Fi...
  - › Currency Field
  - › Predictive Field
  - › Text Area
  - ⌄ Dropdown Field
    - • Dropdown/B...
  - › Dropdown Input I...
  - › Dropdown Field ...
- › Link
- › Notifications
- › Pagination
- › Popover
- › Radio Button

Banking xD Team / ... / Dropdown Field

Share

Confidential

Dropdown/Bottomsheet for Android

OJ Created by Onyeka Jackson-Ekwugum
Last updated: Apr 20, 2023 • 2 min read • 6 people viewed • Add Workflow • Page numbering is off

Dimensions & Scrolling

Android Dropdown/Bottom-sheet: This is a custom native component. This component will be used to replace all the current existing Android dropdown in the Mobile App.

Specs include;

Height & Width

- For mobile the **height** of the component should not exceed 691px.
- Max-height for each list item should be 48px.
- Header 'Card Number' spacer is 24px.
- All options must be coded as lists.

Android (10)

BMO — Sign in to Online Banking — Card Number — 4500*******500 — Enter your 16-digit card number — ☐ Remember Card — Password