CS5520 Mobile Application Development

Final Project

Fall 2021 - Team 66141

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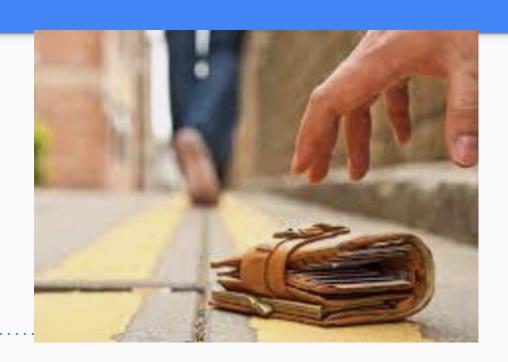


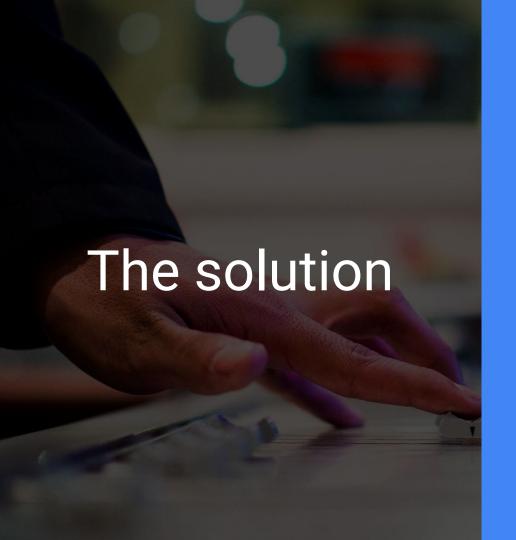
The problem

Cost on printing / mailing ATM card

Customer need to remember the ATM PIN in order to get the cash

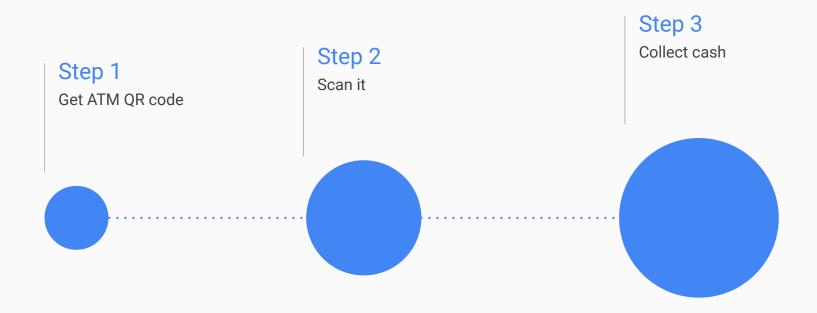
Fraudster on ATM cash



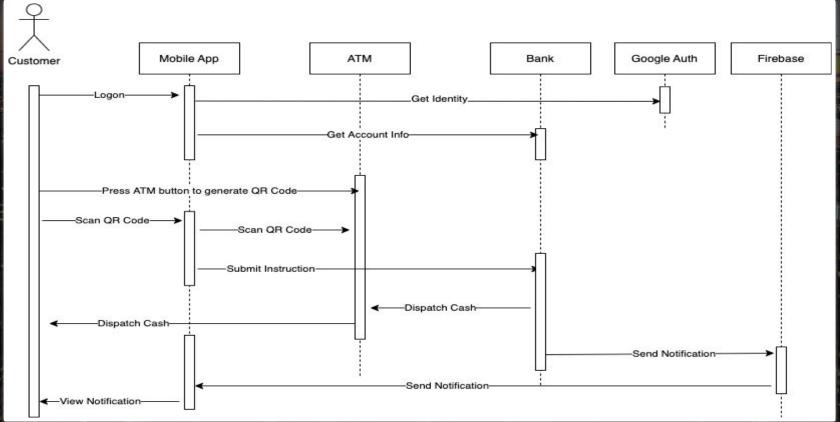


Why not replace the ATM Card with Mobile Device?

How it works



High Level Integration



Security

Biometric verification

Use customer biometric information to authenticate customer genuine

Push notification

Push notification will notify customer upon cash dispatch



react-navigation/native

react-native-gesture-handler

react-native-reanimated

react-native-screens

react-native-safe-area-context

react-native-community/masked-view

react-navigation/stack

react-session-api

react-native-elements

react-native-paper

react-native-snap-carousel

expo-google-app-auth

expo-notifications

expo-camera

expo-brightness

expo-location

expo-local-authentication

expo-sharing

expo-facebook

react-navigation/bottom-tabs

react-navigation/native-stack

lottie-react-native

react-native-maps

react-native-btr

react-native-view-shot

react-native-svg-charts

rn-linkedin-login

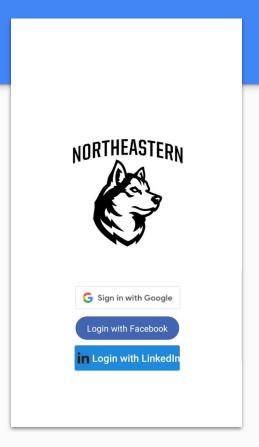
react-bootstrap

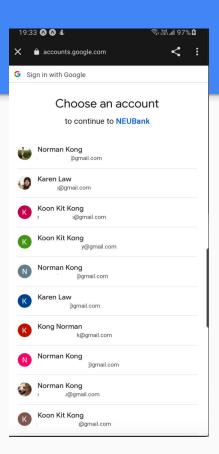
react-native-webview

react-native-indicators

expo-google-app-auth

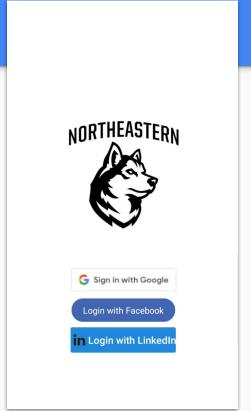
It provides Google
authentication integration for
Expo apps using a secure
system web browser with native
expo-app-auth

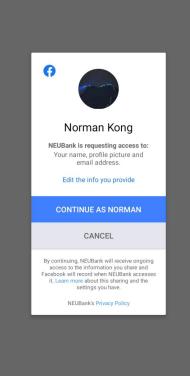




expo-facebook

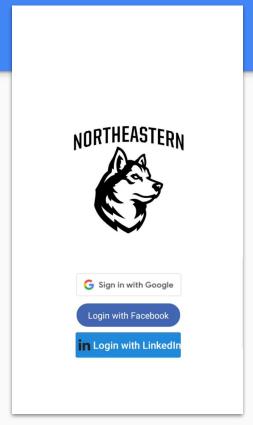
It provides Facebook app to app authentication integration

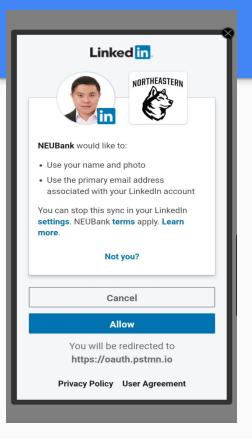




rn-linkedin-login

It provides LinkedIn OAuth integration using webview





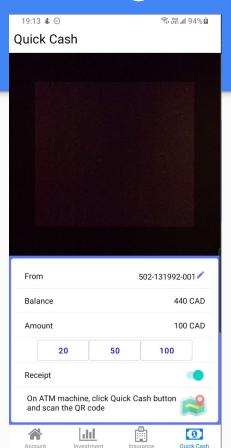
expo-camera / expo-brightness

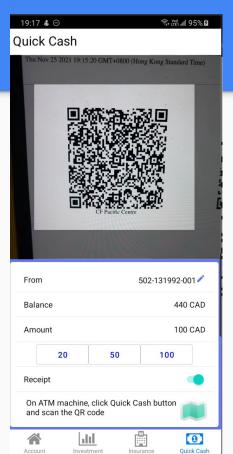
expo-camera

 Provides a React component that renders a preview for the device's front or back camera

expo-brightness

Get and set screen brightness.





expo-location / react-native-maps

expo-location

allows reading geolocation information from the device.

react-native-maps

 provides a Map component that uses Apple Maps or Google Maps on iOS and Google Maps on Android.

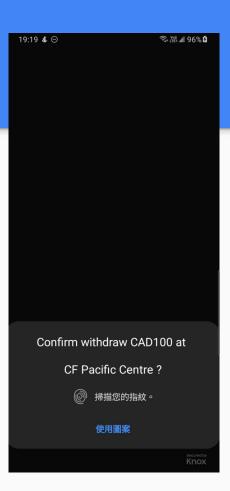




expo-local-authentication

expo-local-authentication

 allows you to use FaceID and TouchID (iOS) or the Biometric Prompt (Android) to authenticate the user with a face or fingerprint.

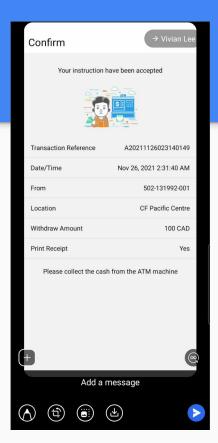


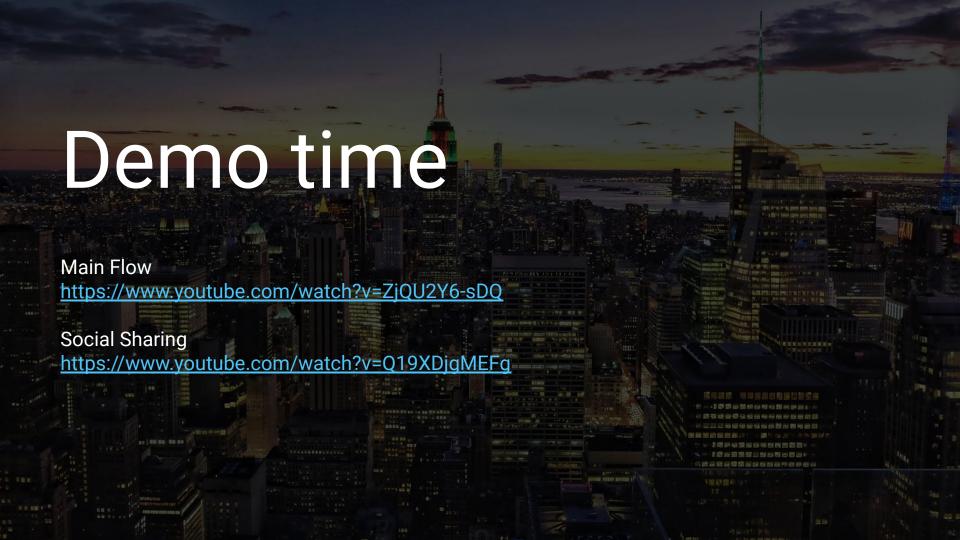
expo-sharing

expo-sharing

allows you to share files directly with other compatible applications.







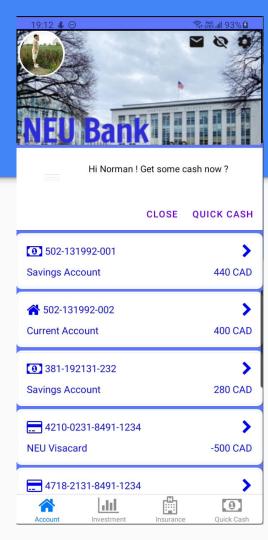


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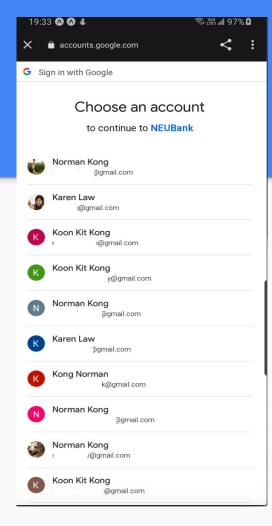


Login with Facebook

in Login with LinkedIn











Norman Kong

NEUBank is requesting access to: Your name, profile picture and email address

Edit the info you provide

CONTINUE AS NORMAN

CANCEL

By continuing, NEUBank will receive ongoing access to the information you share and Facebook will record when NEUBank accesses it. Learn more about this sharing and the settings you have.

NEUBank's Privacy Policy

Linked in





NEUBank would like to:

- Use your name and photo
- Use the primary email address associated with your LinkedIn account

You can stop this sync in your LinkedIn settings. NEUBank terms apply. Learn more.

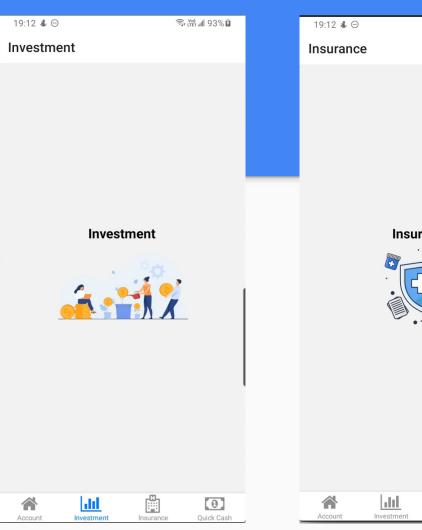
Not you?

Cancel

Allow

You will be redirected to https://oauth.pstmn.io

Privacy Policy User Agreement



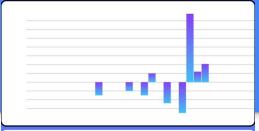
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Insurance

Quick Cash



Transaction History over last 30 days.



11/12/21 Quick Cash	-50 CAD
 11/12/21 Quick Gasii	-30 CAD

11/12/21 Quick Cash	-100 CAD
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11/16/21 Quick Cash	-100 CAD
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11/18/21 Schoo Fee	-150 CAD
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	11/19/	21 Cash Deposit	100 CAD

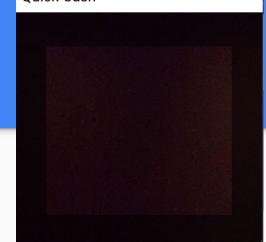
11/21/21 School Meal	-120 CAD
11/21/21 Oction Medi	120 000











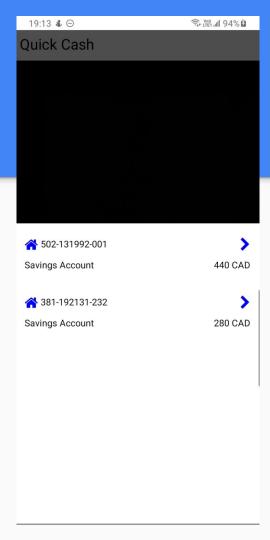
From	From 502-131992-001			
Balance		440 CAD		
Amount		100 CAD		
	20	50	100	
Receipt				
On ATM machine, click Quick Cash button and scan the QR code				9
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Investment

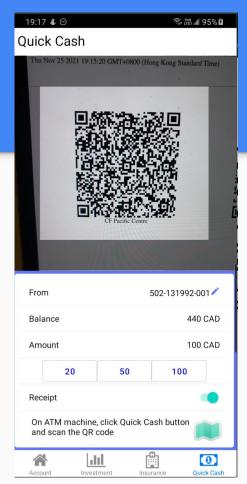
Account

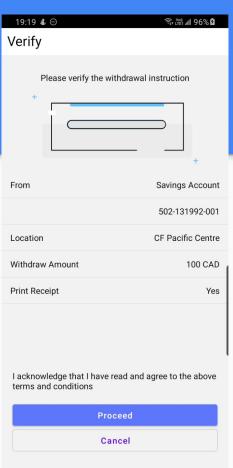
Insurance

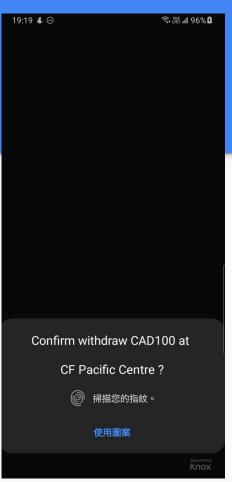
Quick Cash

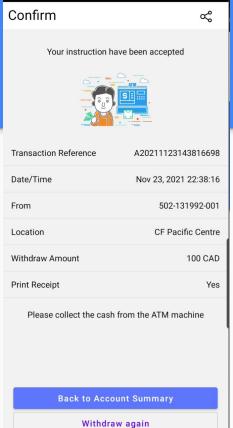












कि स्था ॥ 96% **छ**

19:20 & ⊖



