Tab 1 (App Launch)   **1 / 49**

WalletWatch© ⚙

| Add | Analytics | History |

Amount*: | $ 0.00 |

Description:

Date: 02/21/20 📅

1	2	3
4	5	6
7	8	9
	0	⌫ x

Tap a Tab or Settings Gear Icon After Entering PIN

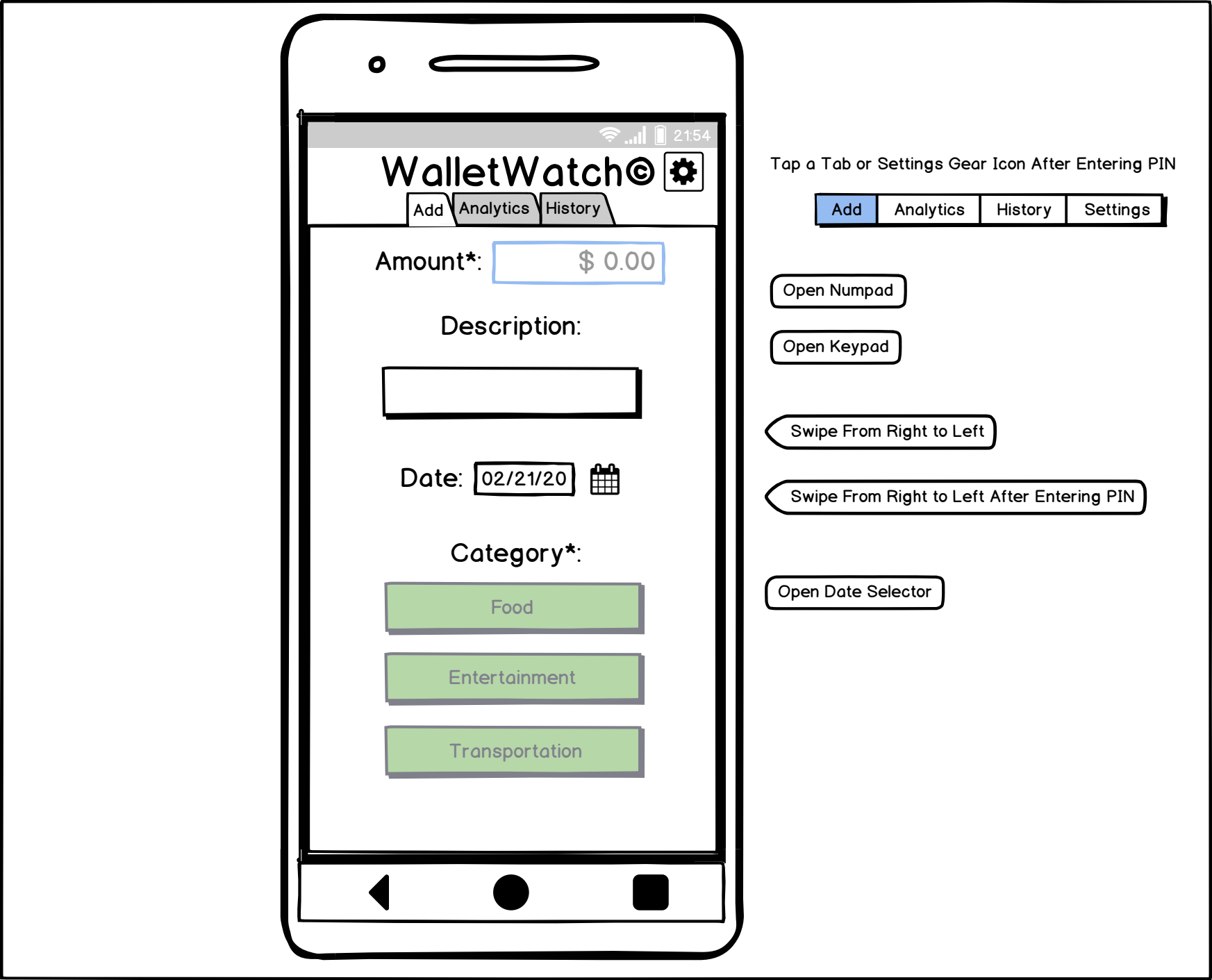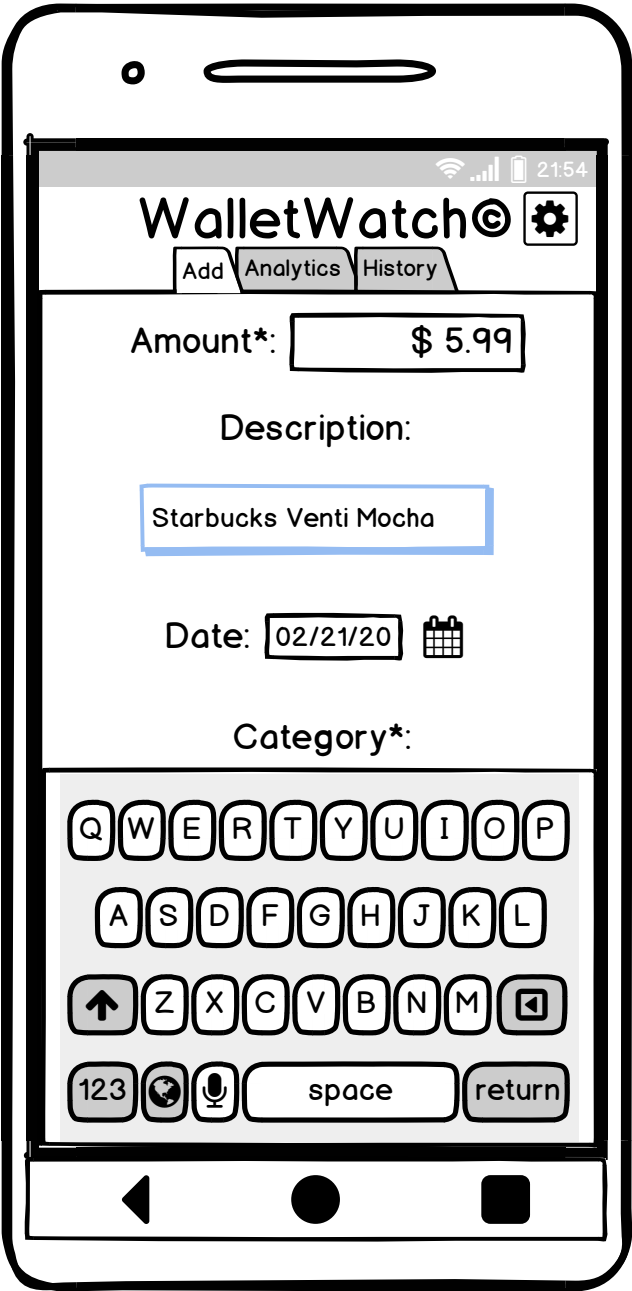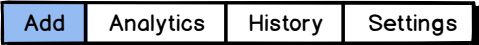| Add | Analytics | History | Settings |

Open Keypad

Open Date Selector

Screen displayed upon app launch. User must enter valid dollar amount to enable green category buttons. Tapping any other tab or the gear will require PIN, unless PIN was recently entered or not enabled. Tapping back arrow closes numpad.

Tab 1 (No Numpad)   **2 / 49**

WalletWatch© ⚙

Add	Analytics	History

Amount*: $ 0.00

Description:

Date: 02/21/20 📅

Category*:

Food

Entertainment

Transportation

Tap a Tab or Settings Gear Icon After Entering PIN

Add	Analytics	History	Settings

Open Numpad

Open Keypad

Swipe From Right to Left

Swipe From Right to Left After Entering PIN

Open Date Selector

User must enter valid dollar amount to enable green category buttons. Tapping/swiping to any other tab or the gear will require PIN, unless PIN was recently entered or not enabled.

Tab 1 (Filled In)   **3 / 49**

WalletWatch© ⚙

| Add | Analytics | History |

Amount*: [$ 5.99]

Description:

[Starbucks Venti Mocha]

Date: [02/21/20] 📅

Category*:

Tap a Tab or Settings Gear Icon After Entering PIN
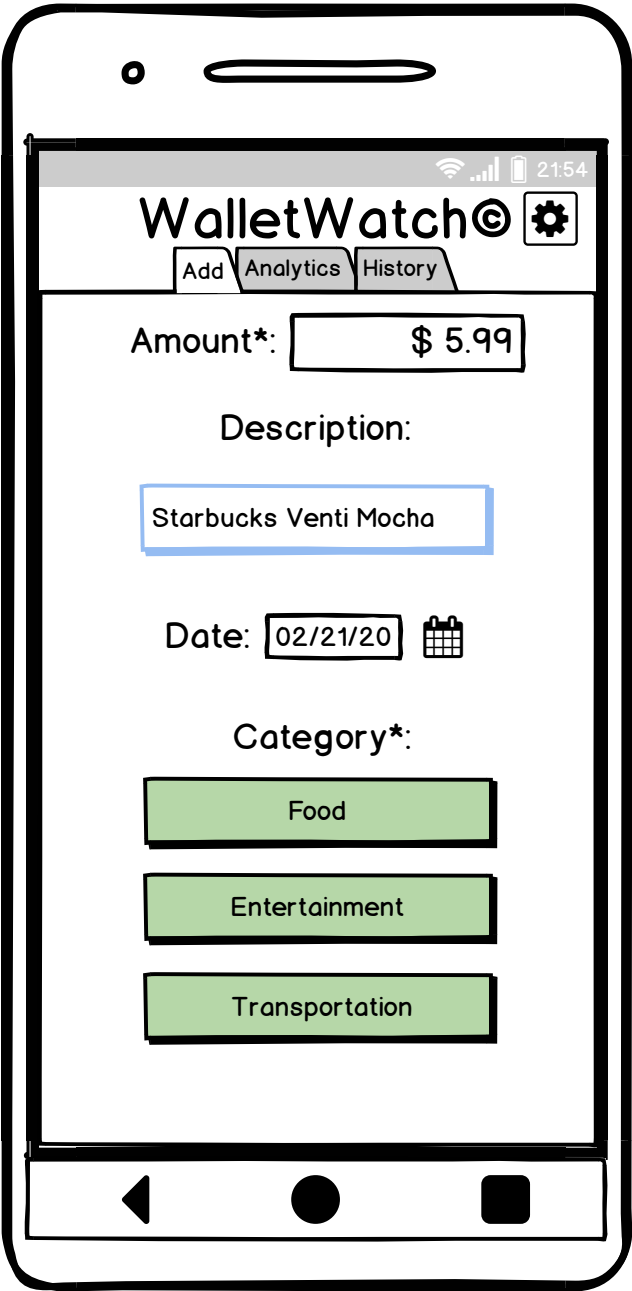
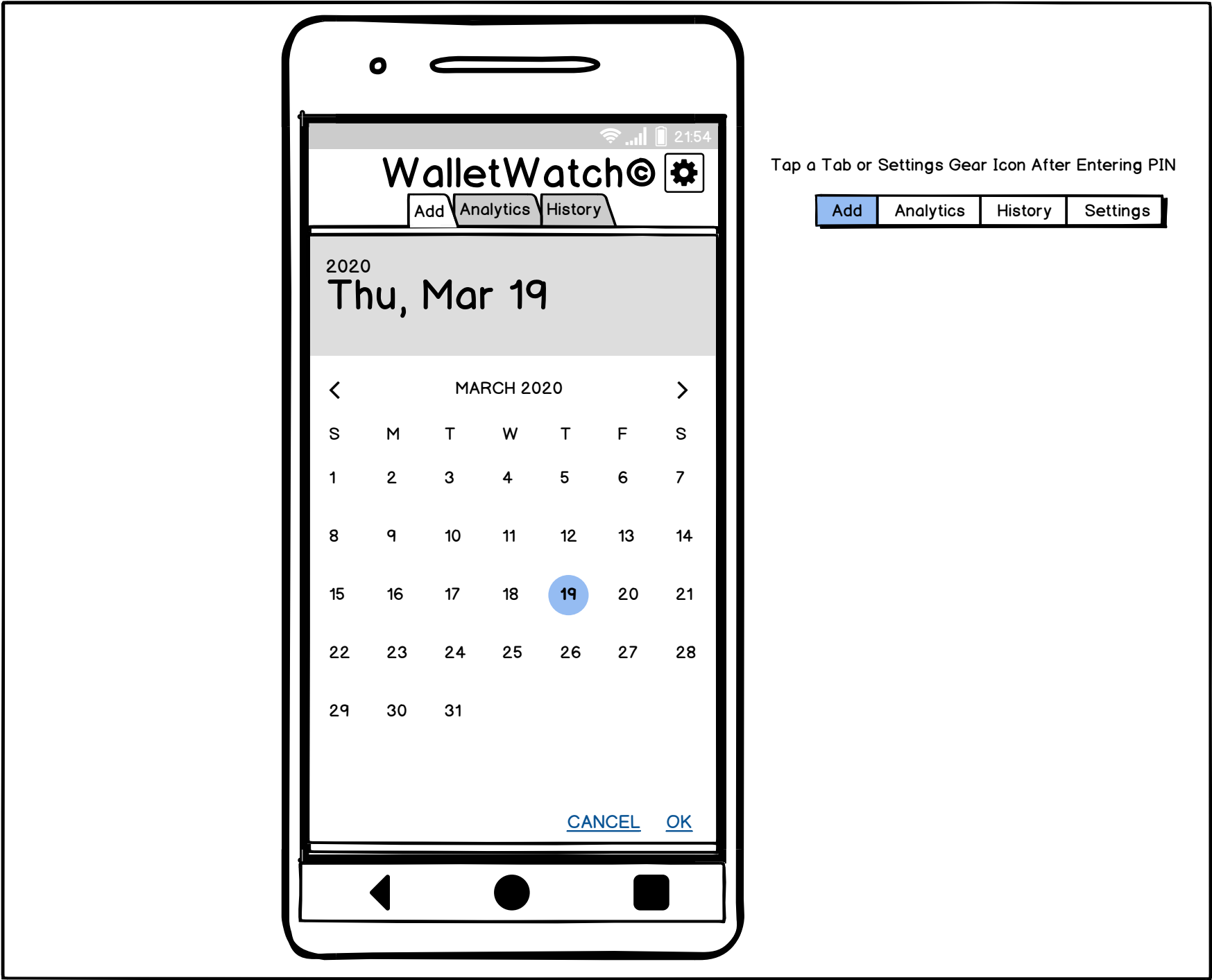| Add | Analytics | History | Settings |

Open Numpad

Swipe From Right to Left

Swipe From Right to Left After Entering PIN

Open Date Selector

Tapping any other tab or the gear will require PIN, unless PIN was recently entered or not enabled. Tapping any category button will add entry to local data repo and reset this screen to be identical to app launch. Category buttons will only be enabled if valid dollar amount entered. Tapping date selector will open calendar view selector. The Date and Description fields are optional, which is also why the Amount and Category fields have an asterick as to denote required fields.

Tab 1 (No Keypad Filled In)   **4 / 49**

WalletWatch©

Add Analytics History

Amount*: $ 5.99

Description:

Starbucks Venti Mocha

Date: 02/21/20

Category*:

Food

Entertainment

Transportation

Tap a Tab or Settings Gear Icon After Entering PIN

Add Analytics History Settings
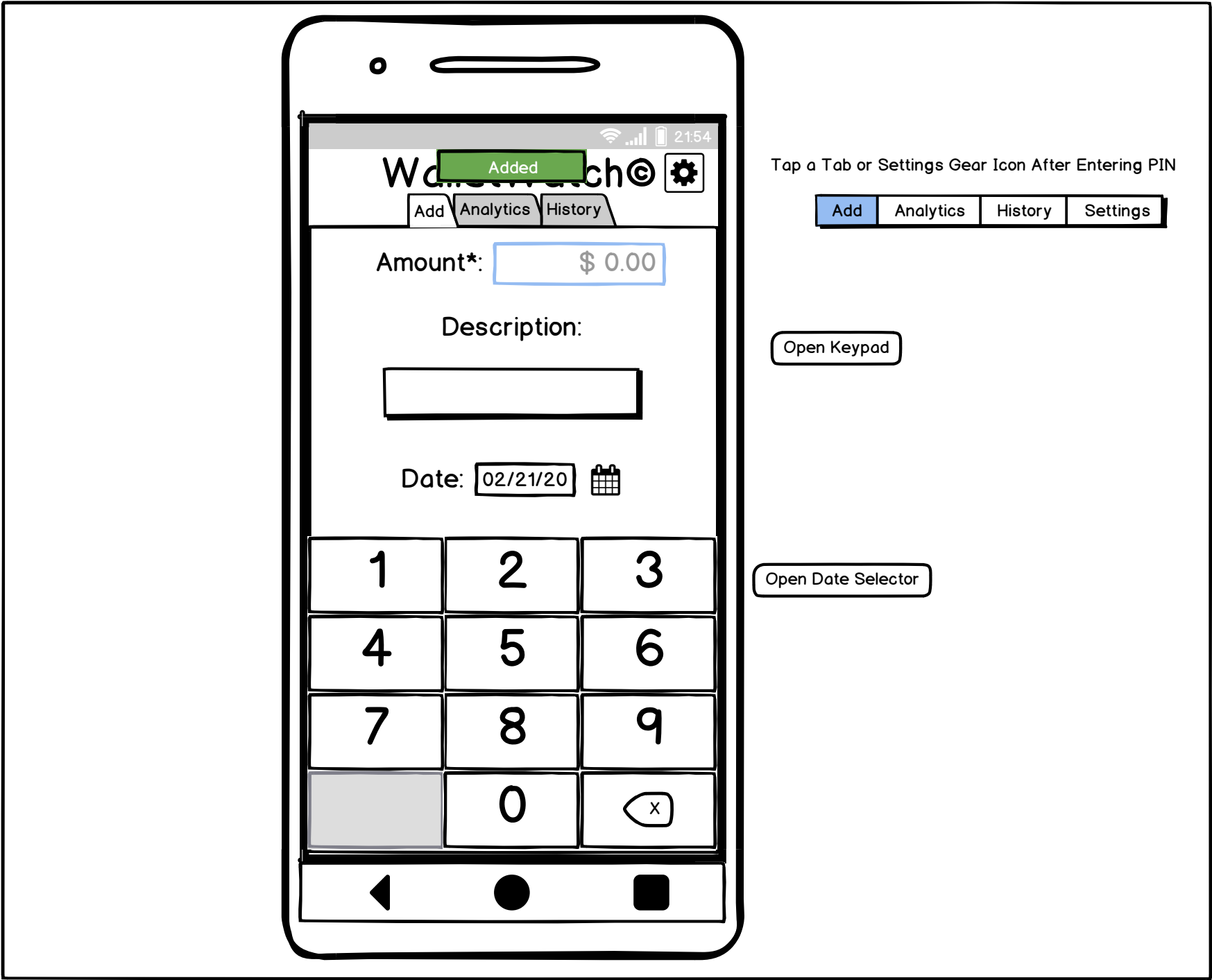
Open Numpad

Open Keypad

Swipe From Right to Left

Swipe From Right to Left After Entering PIN
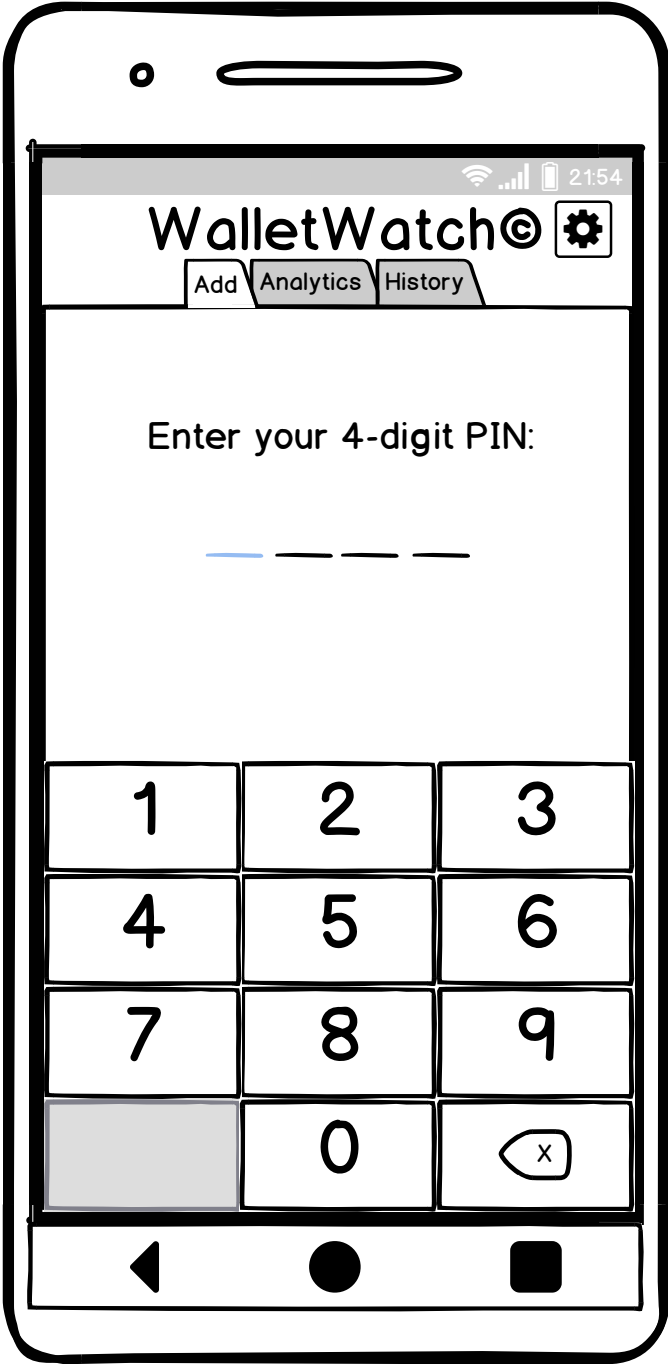
Open Date Selector

Tapping/swiping to any other tab or the gear will require PIN, unless PIN was recently entered or not enabled. Tapping any category button will add entry to local data repo and reset this screen to be identical to app launch. Category buttons will only be enabled if valid dollar amount entered. Tapping date selector will open calendar view selector. The Date and Description fields are optional, which is also why the Amount and Category fields have an asterick as to denote required fields.

Tab 1 (Select Date)   5 / 49

WalletWatch© ⚙

Add | Analytics | History

2020
Thu, Mar 19

<   MARCH 2020   >

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

CANCEL   OK

Tap a Tab or Settings Gear Icon After Entering PIN

| Add | Analytics | History | Settings |

Swiping will switch to adjacent month. Tapping any other tab or the gear will require PIN, unless recently entered or not enabled. Tapping Add, back arrow, CANCEL, or OK will close this calendar view popup. Future dates will be disabled, unreachable, and greyed-out.

Tab 1 (Added)   6 / 49

Added

WalletWatch© ⚙

Add | Analytics | History

Amount*: | $ 0.00

Description:

Date: 02/21/20 📅

1	2	3
4	5	6
7	8	9
	0	X

Tap a Tab or Settings Gear Icon After Entering PIN

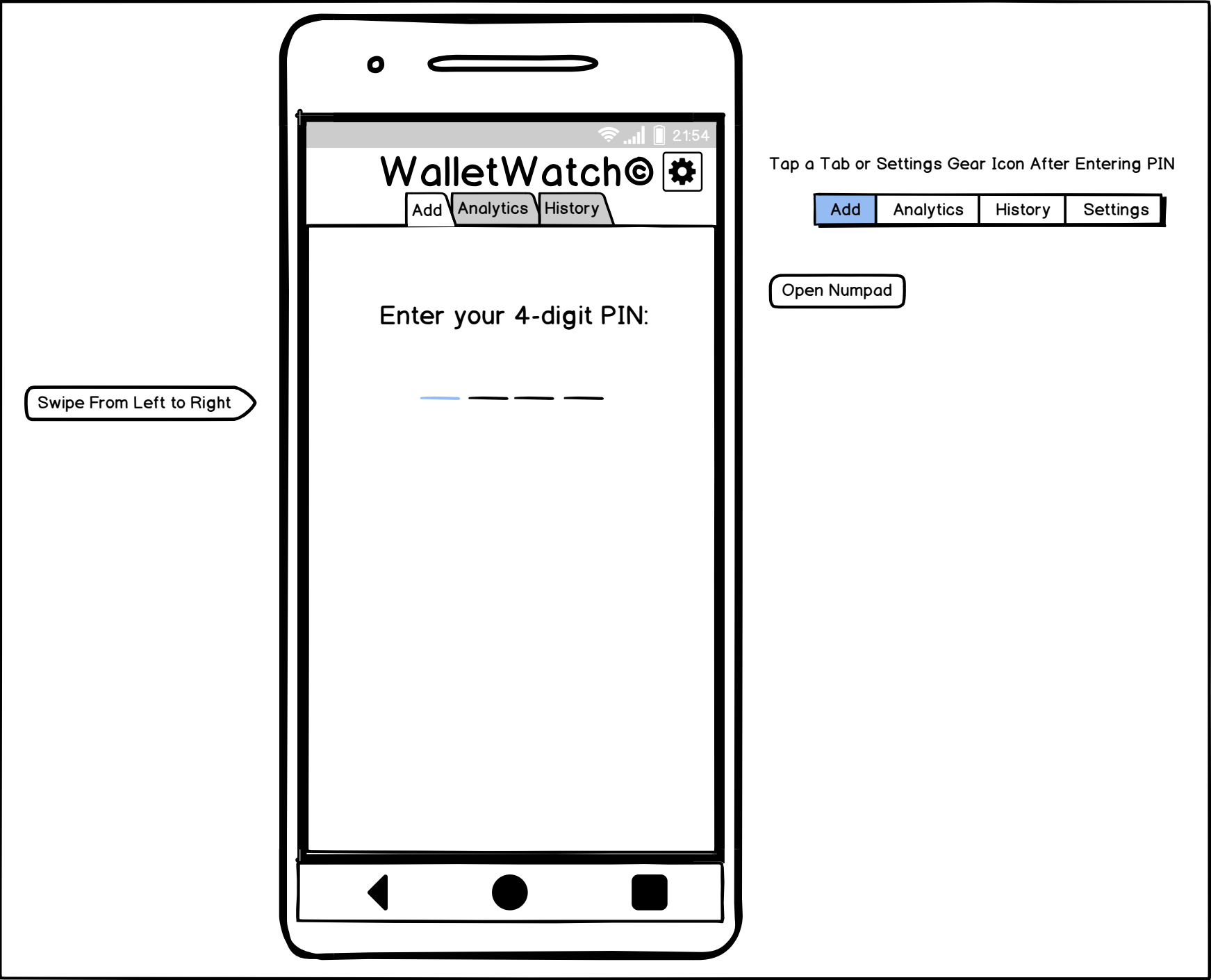Add | Analytics | History | Settings

Open Keypad

Open Date Selector

Identical to the app launch screen, except that a small green popup that drops down at the top and then fades after a couple seconds to denote success.

WalletWatch© ⚙

Add | Analytics | History

Enter your 4-digit PIN:

— — — —

1	2	3
4	5	6
7	8	9
	0	X

Tap a Tab or Settings Gear Icon After Entering PIN

| Add | Analytics | History | Settings |

This screen will popup any time user requests a protected view while the PIN has not been answered recently and is enabled. Tapping anywhere outside the numpad, such as the back arrow, will close the numpad.

WalletWatch© ⚙

Add | Analytics | History

Enter your 4-digit PIN:

— — — —

Swipe From Left to Right

Tap a Tab or Settings Gear Icon After Entering PIN

Add | Analytics | History | Settings

Open Numpad

21:54

This screen will popup any time user requests a protected view while the PIN has not been answered recently and is enabled. Tapping Add will go to app launch screen. Tapping the back arrow or swiping will also go to the app launch screen.
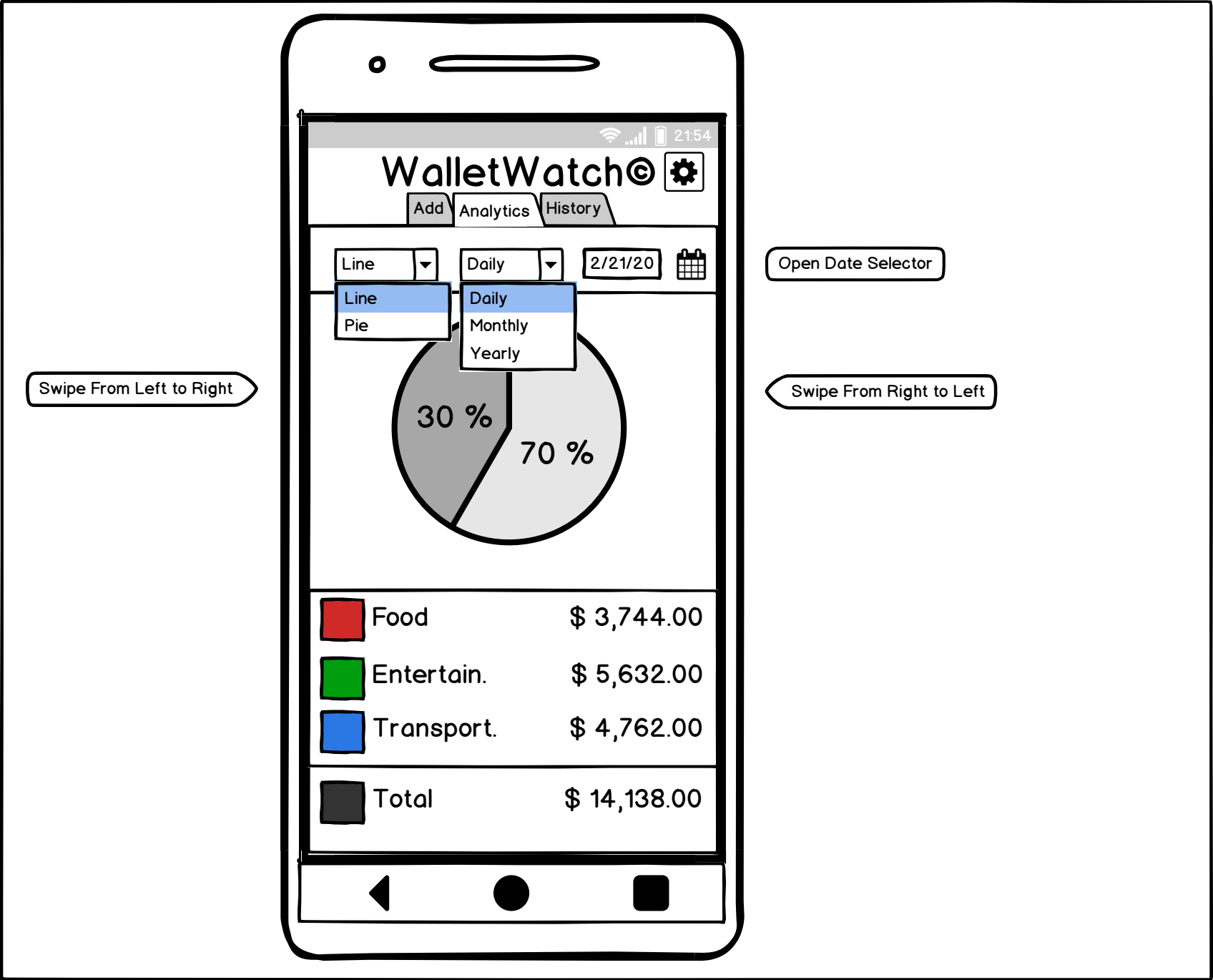
Tab 2 (Line Daily) 9 / 49
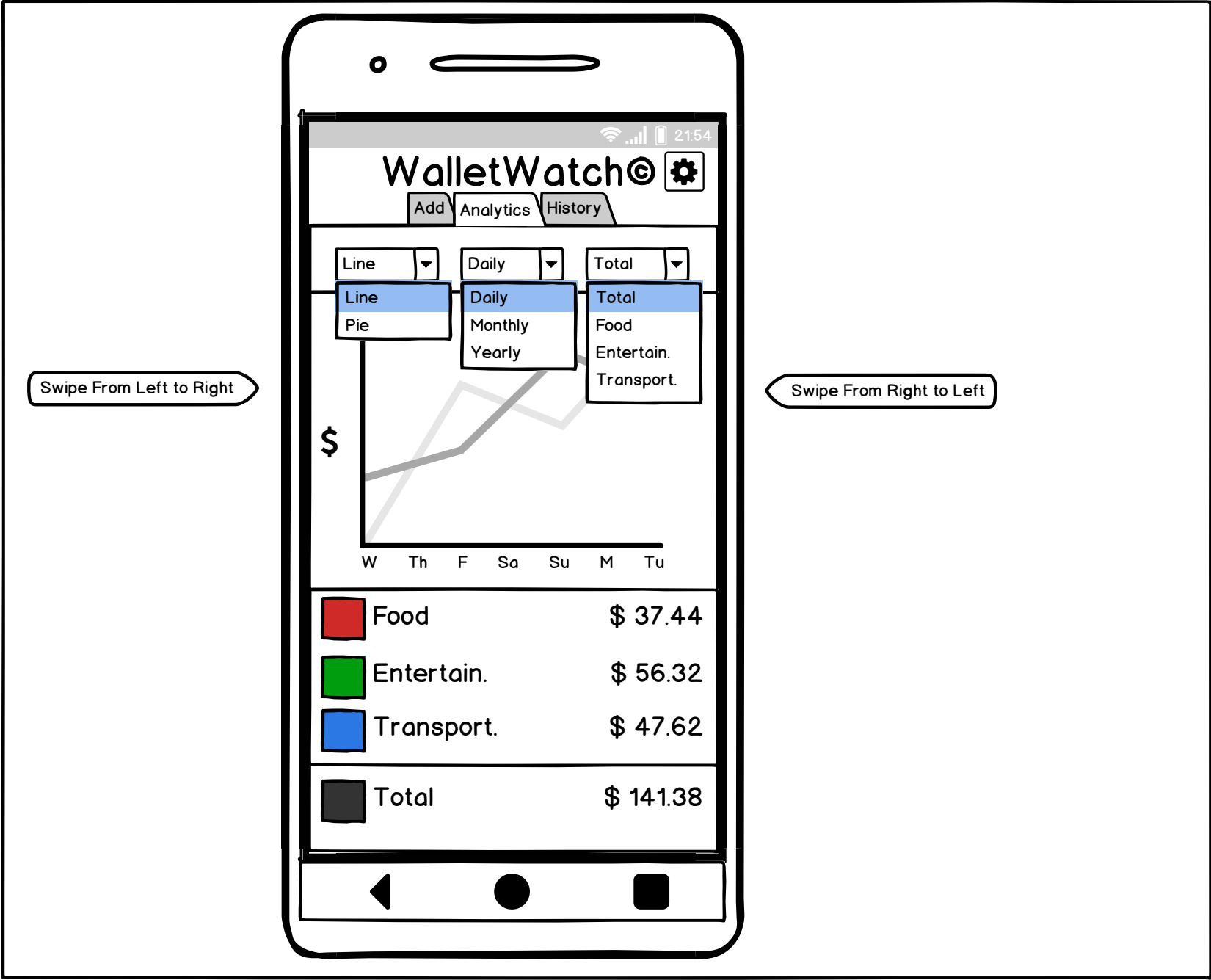
This view shows a line chart for the past 7 days, namely of the combined totals of all 3 categories. Only one single line will ever be displayed at a time on the chart, but Balsamiq does not have a line chart with only one line. If Total is selected, then the line will be colored black. If the first category is selected, then the line will be colored red. If the second category is selected, then the line will be colored green. If the third category is selected, then the line will be colored blue.
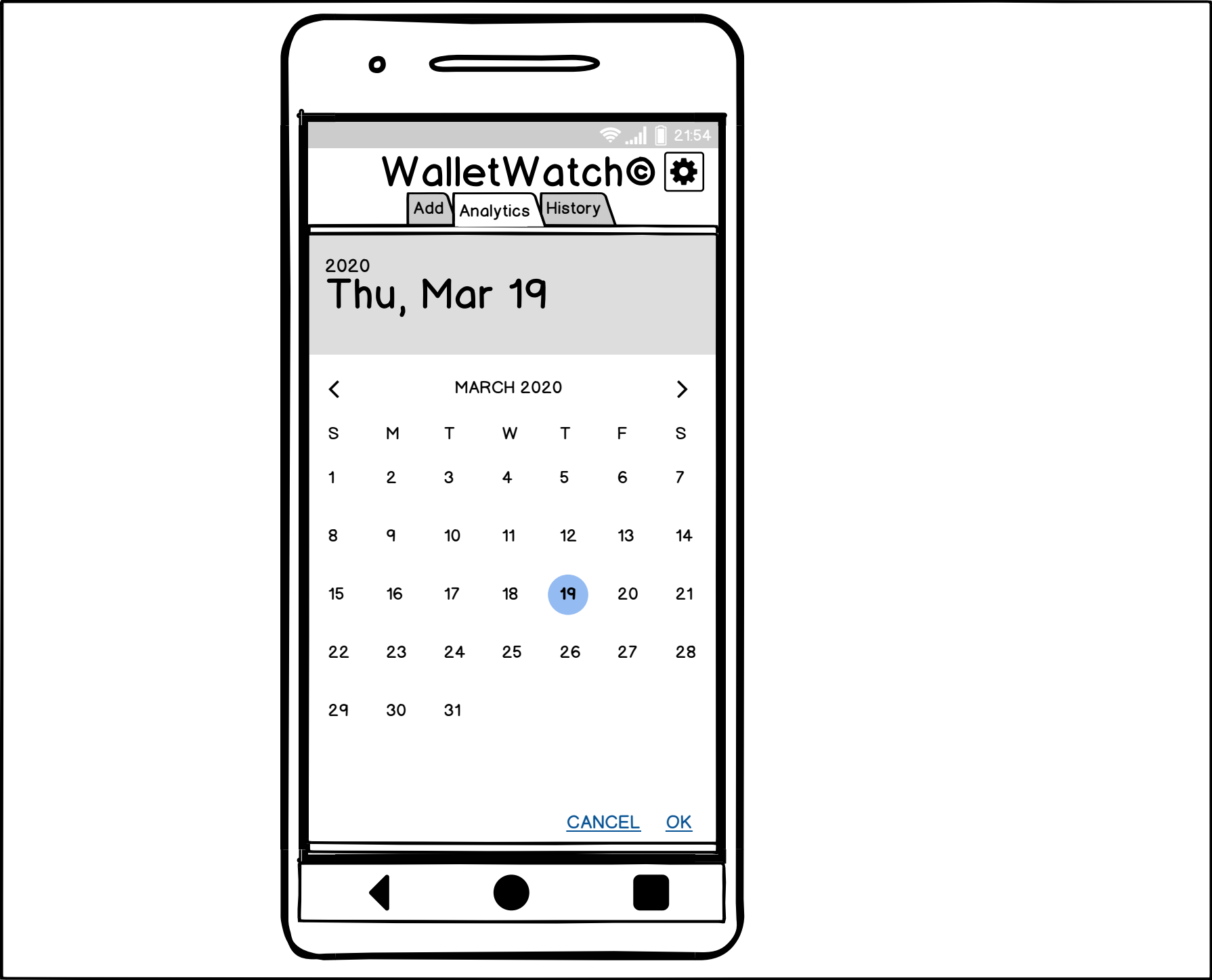
Tab 2 (Line Monthly)

10 / 49
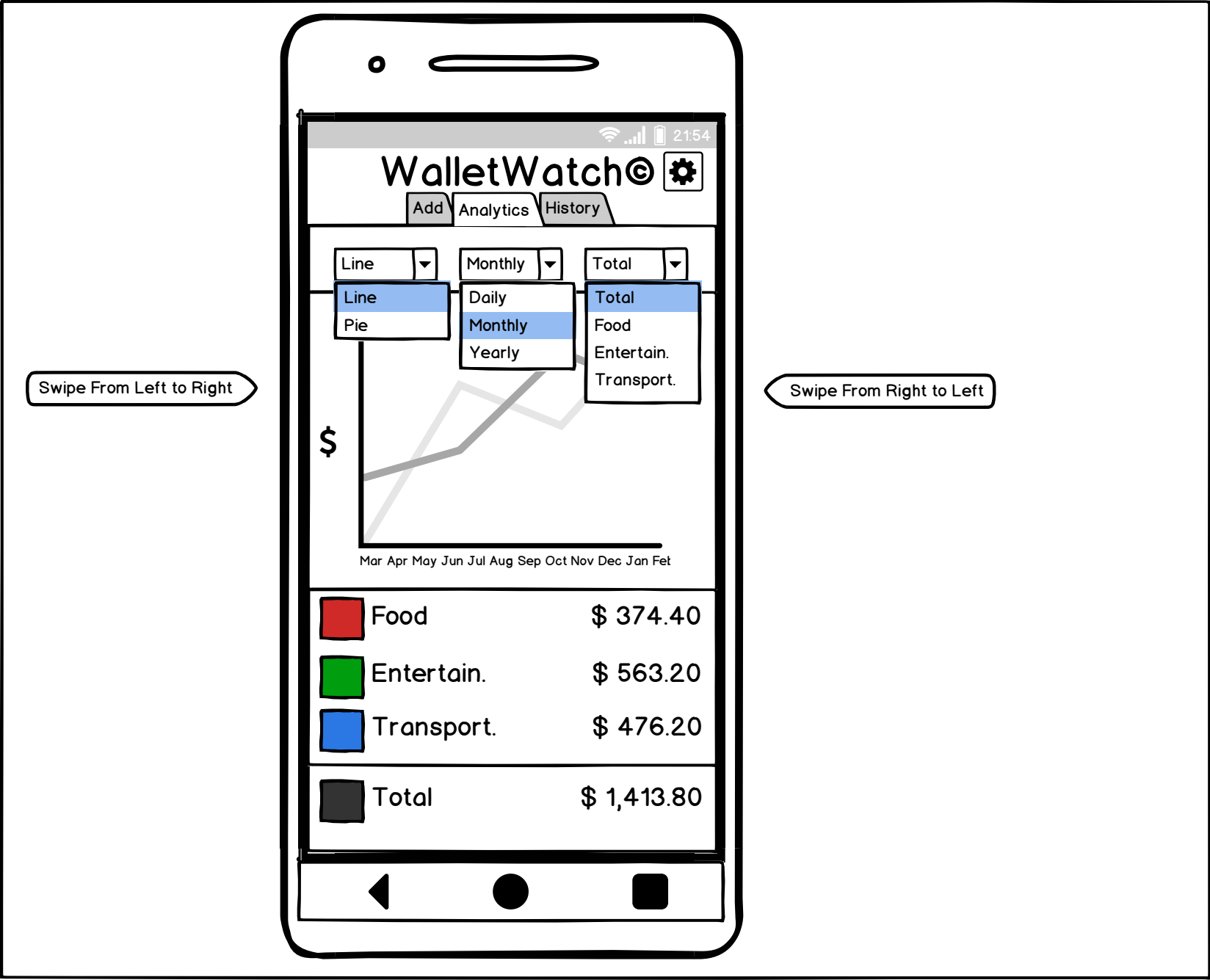
This view shows a line chart for the past 12 months, namely of the combined totals of all 3 categories. Only one single line will ever be displayed at a time on the chart, but Balsamiq does not have a line chart with only one line. If Total is selected, then the line will be colored black. If the first category is selected, then the line will be colored red. If the second category is selected, then the line will be colored green. If the third category is selected, then the line will be colored blue.
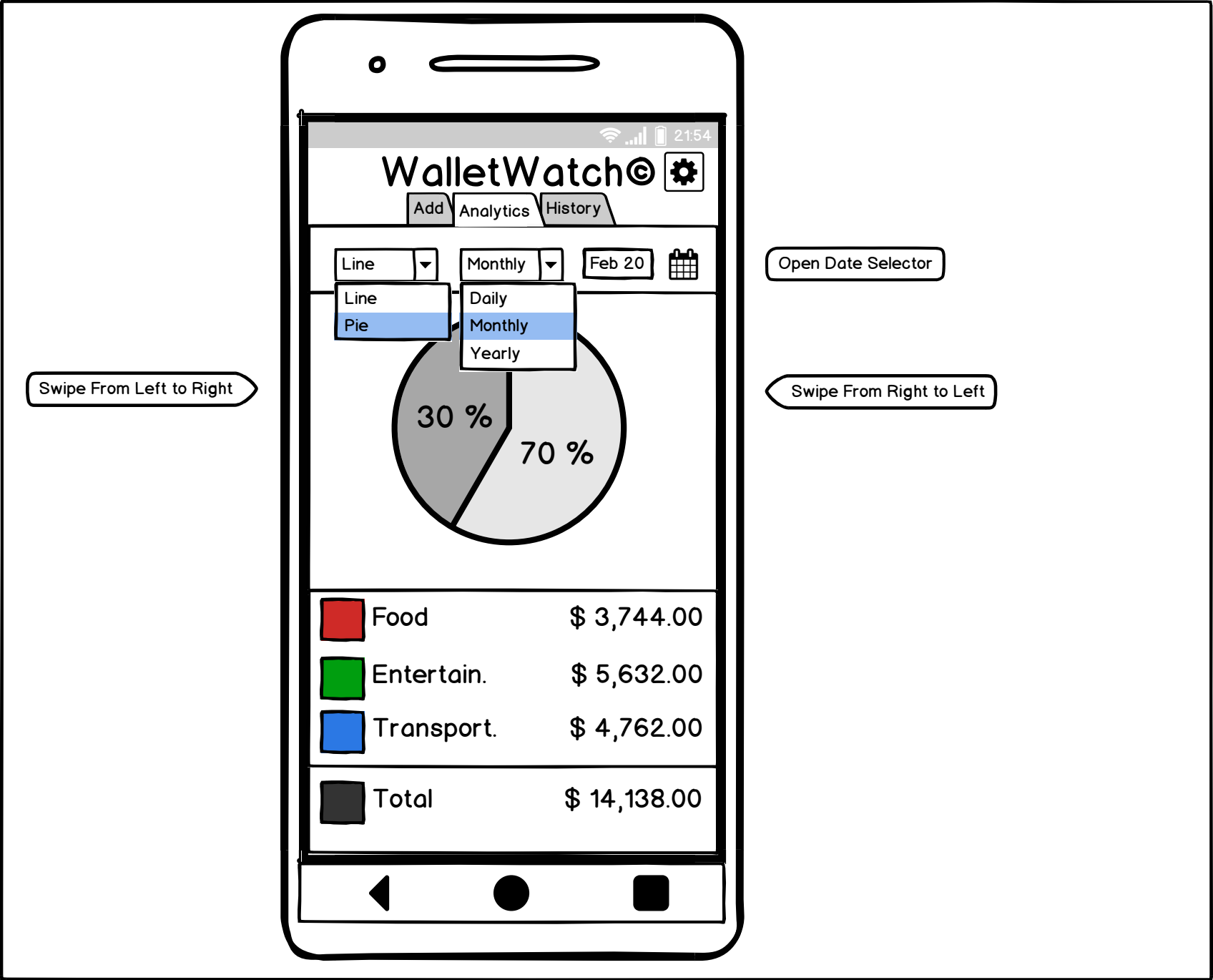
Tab 2 (Line Yearly)

11 / 49
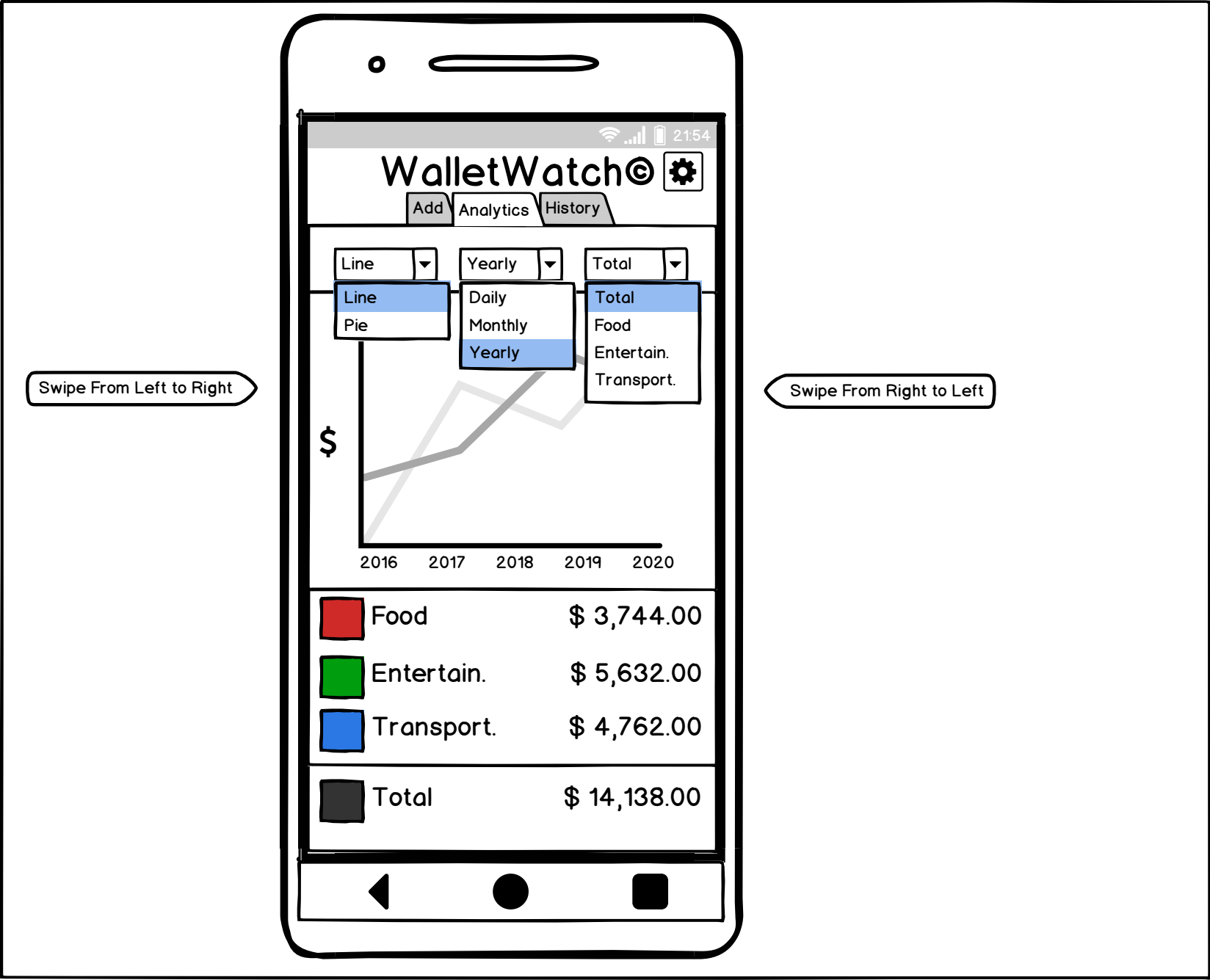
This view shows a line chart for the past 5 years, namely of the combined totals of all 3 categories. Only one single line will ever be displayed at a time on the chart, but Balsamiq does not have a line chart with only one line. If Total is selected, then the line will be colored black. If the first category is selected, then the line will be colored red. If the second category is selected, then the line will be colored green. If the third category is selected, then the line will be colored blue.

Tab 2 (Pie Daily)

12 / 49

WalletWatch©

Add | Analytics | History

Line ▼   Daily ▼   2/21/20

Line		Daily
Pie		Monthly
		Yearly

Open Date Selector

Swipe From Left to Right

Swipe From Right to Left

30 %   70 %

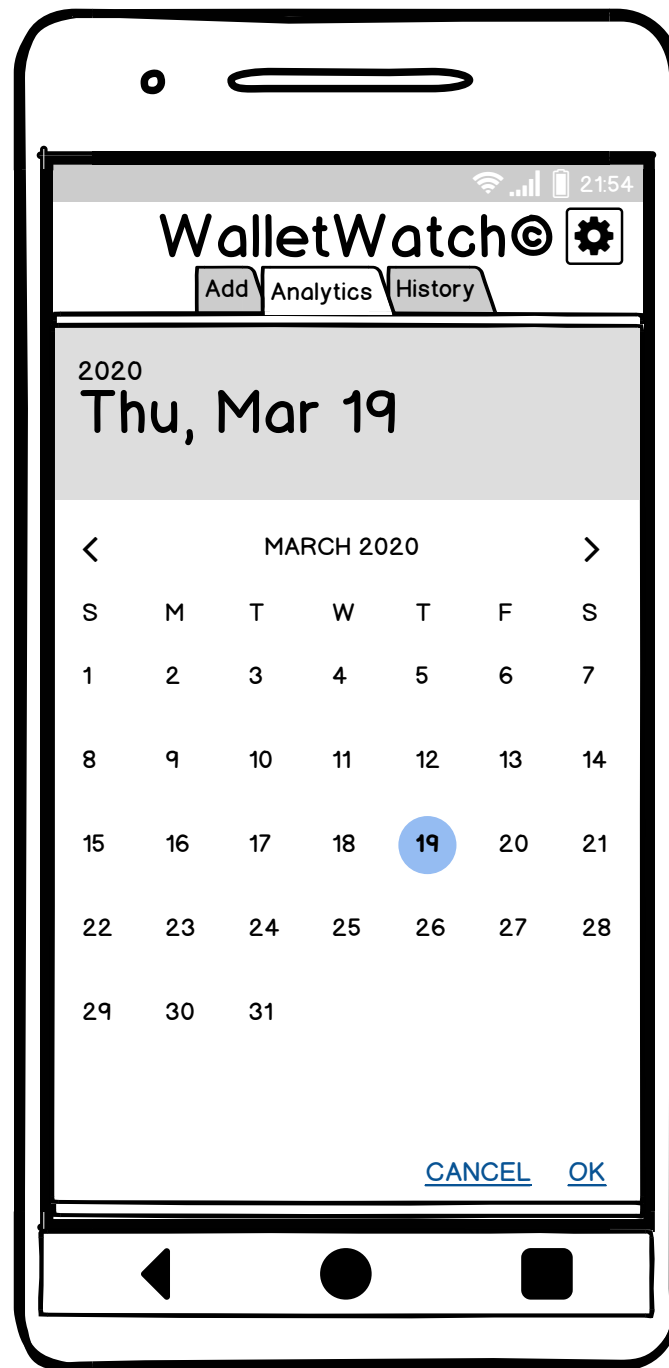| 🟥 | Food | $ 3,744.00 |
🟩	Entertain.	$ 5,632.00
🟦	Transport.	$ 4,762.00
⬛	Total	$ 14,138.00

This view shows a pie chart of the total current expenses for the date Friday, February 21, 2020. Balsamiq does not have a pie chart with 3 slices, but each slice would be colored either 1) red, 2) green, or 3) blue, each with their respective integer percentage of the total. Tapping the date selector will allow the user to look at a different year.
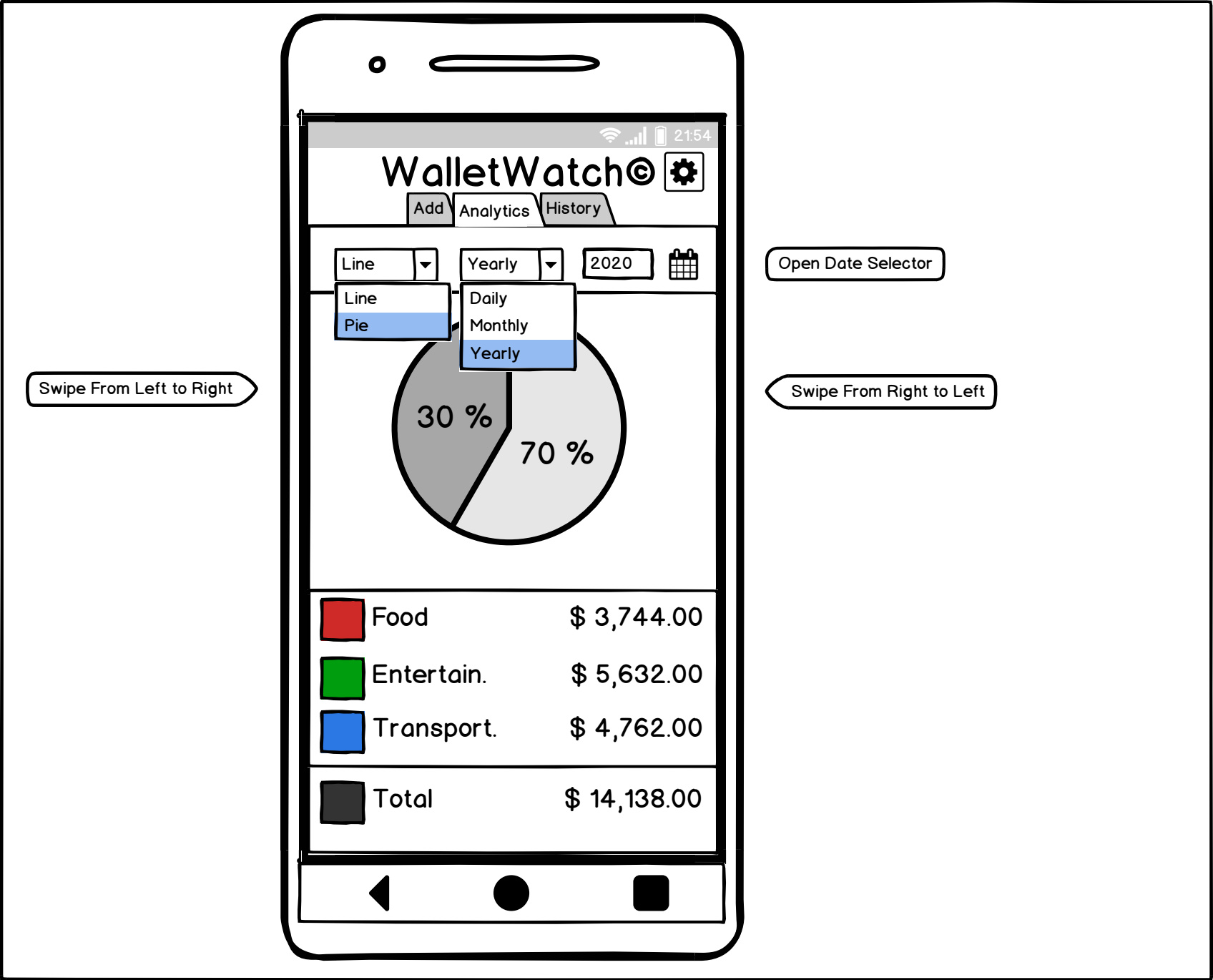
Tab 2 (Choose Date)

13 / 49

WalletWatch© ⚙

Add | Analytics | History

2020
Thu, Mar 19

| | MARCH 2020 | |
| ‹ | | › |

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	**19**	20	21
22	23	24	25	26	27	28
29	30	31				

CANCEL   OK

This popup allows the user to select a different day for the daily pie chart. Tapping a Tab, back arrow, CANCEL, or OK will close the the popup.

Tab 2 (Pie Monthly)

14 / 49

WalletWatch© ⚙

Add | Analytics | History

Line ▼ | Monthly ▼ | Feb 20 | 📅

Line
Pie

Daily
Monthly
Yearly

Open Date Selector

Swipe From Left to Right

Swipe From Right to Left

30 %

70 %

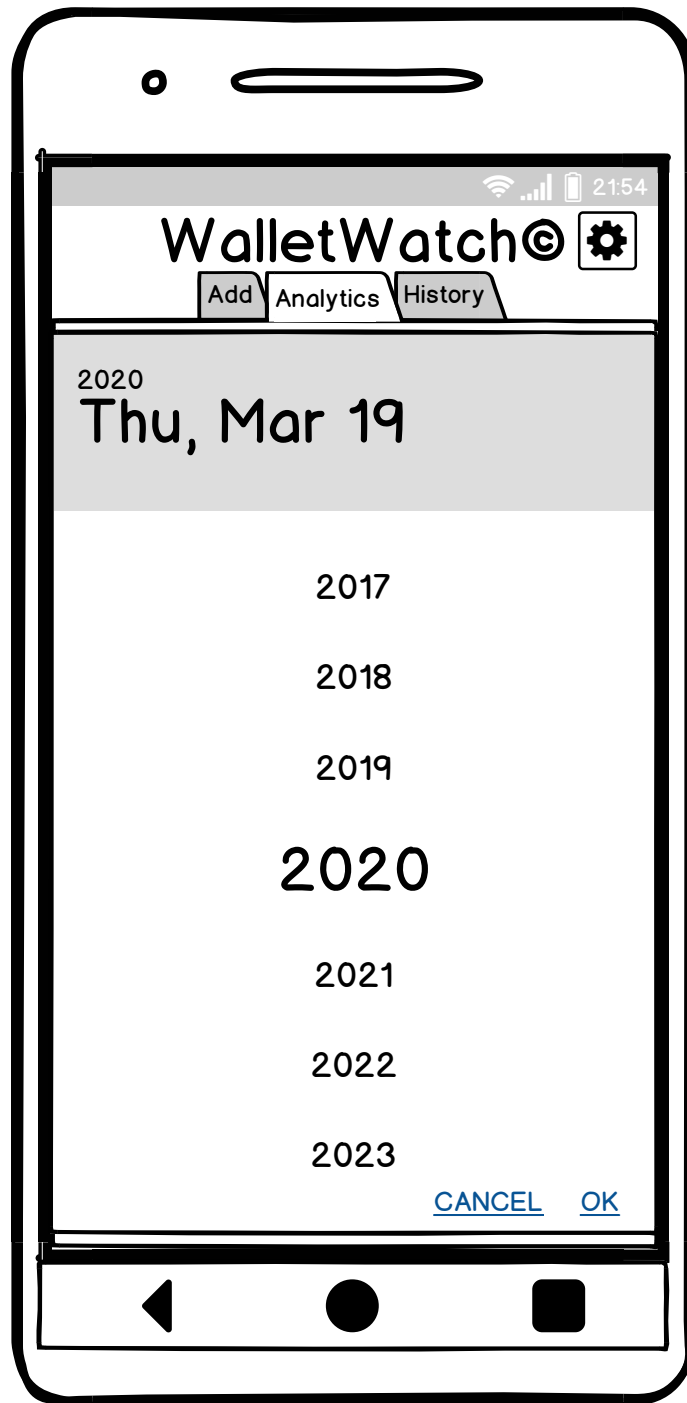| 🟥 | Food | $ 3,744.00 |
🟩	Entertain.	$ 5,632.00
🟦	Transport.	$ 4,762.00
⬛	Total	$ 14,138.00

🔊 21:54

This view shows a pie chart of the total current expenses for the month of February 2020. Balsamiq does not have a pie chart with 3 slices, but each slice would be colored either 1) red, 2) green, or 3) blue, each with their respective integer percentage of the total. Tapping the date selector will allow the user to look at a different year.
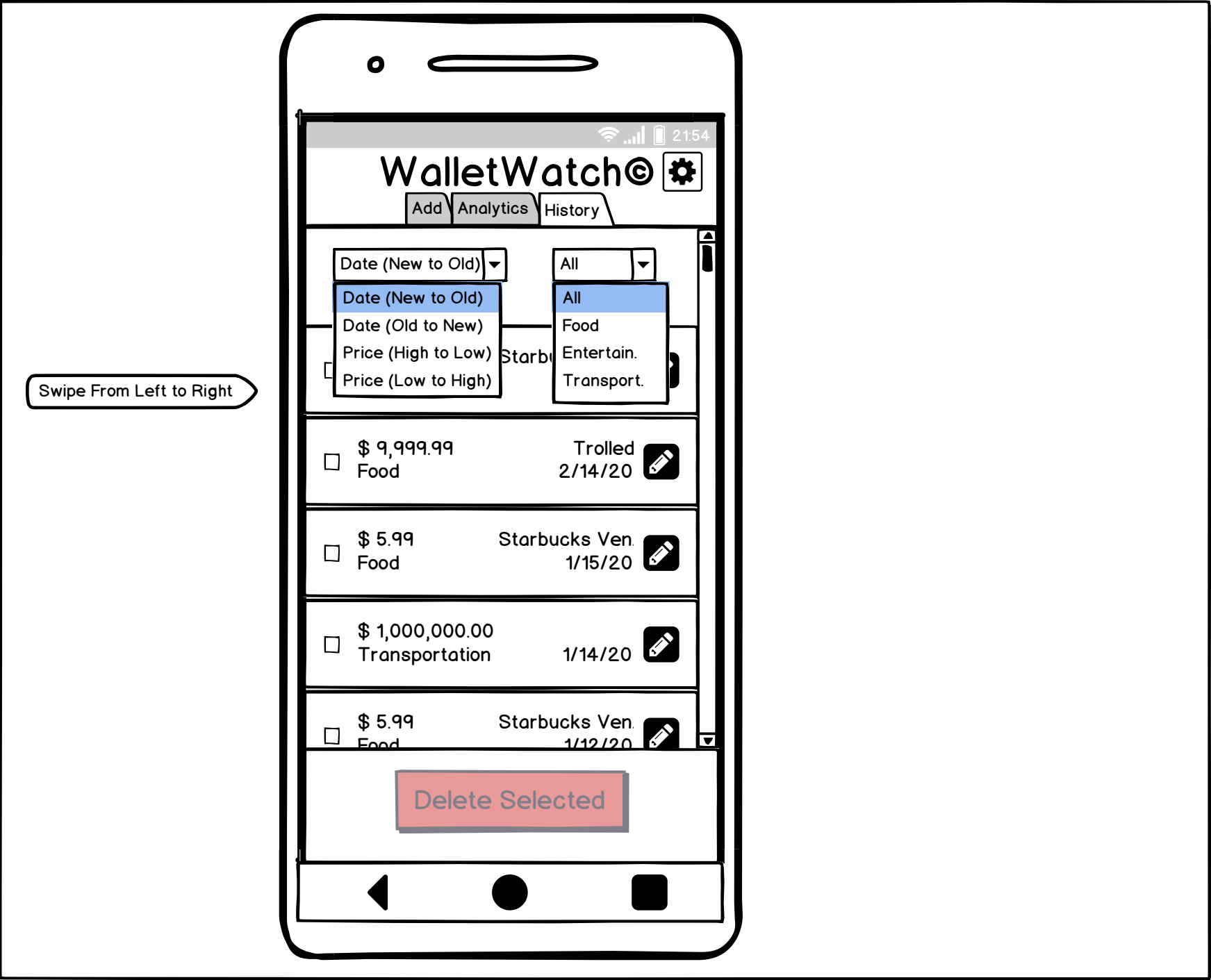
Tab 2 (Choose Month)

15 / 49

WalletWatch© ⚙

Add Analytics History

2020
Thu, Mar 19

‹ MARCH 2020 ›

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

CANCEL OK

This popup allows the user to select a different month for the monthly pie chart. Tapping a tab, back arrow, CANCEL, or OK will close the the popup.

Tab 2 (Pie Yearly)

16 / 49

WalletWatch©

Add | Analytics | History

Line ▼ | Yearly ▼ | 2020 📅

Line
Pie

Daily
Monthly
Yearly

Open Date Selector

Swipe From Left to Right

Swipe From Right to Left

30 %

70 %

	Food	$ 3,744.00
	Entertain.	$ 5,632.00
	Transport.	$ 4,762.00
	Total	$ 14,138.00

🔊 ▂▃▄ 🔋 21:54

This view shows a pie chart of the total current expenses for the year of 2020. Balsamiq does not have a pie chart with 3 slices, but each slice would be colored either 1) red, 2) green, or 3) blue, each with their respective integer percentage of the total. Tapping the date selector will allow the user to look at a different year.
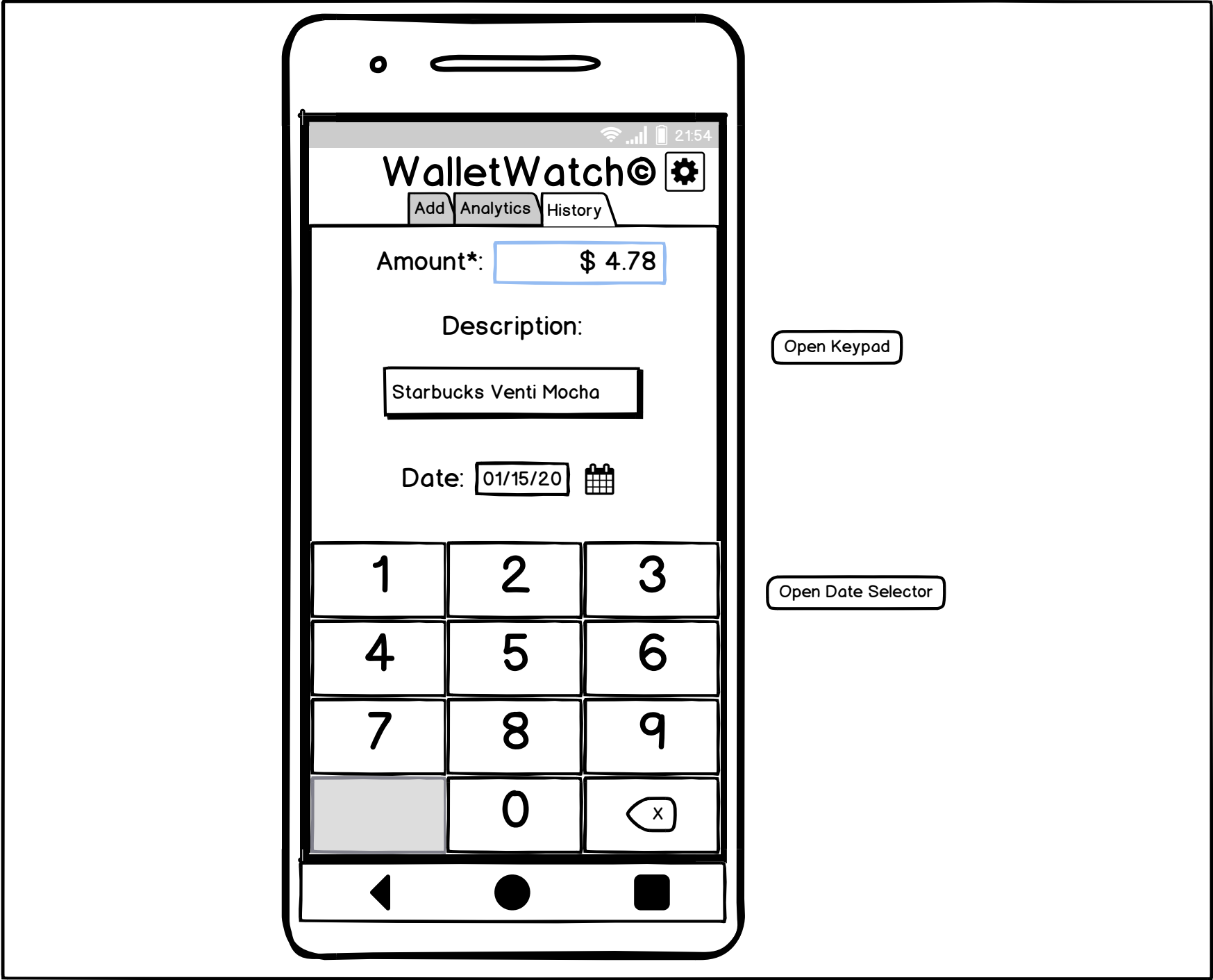
Tab 2 (Choose Year)   17 / 49

WalletWatch©

Add Analytics History

2020
Thu, Mar 19

2017

2018

2019

2020

2021

2022

2023

CANCEL   OK

This popup allows the user to select a different year for the yearly pie chart. Tapping a tab, back arrow, CANCEL, or OK will close the the popup.
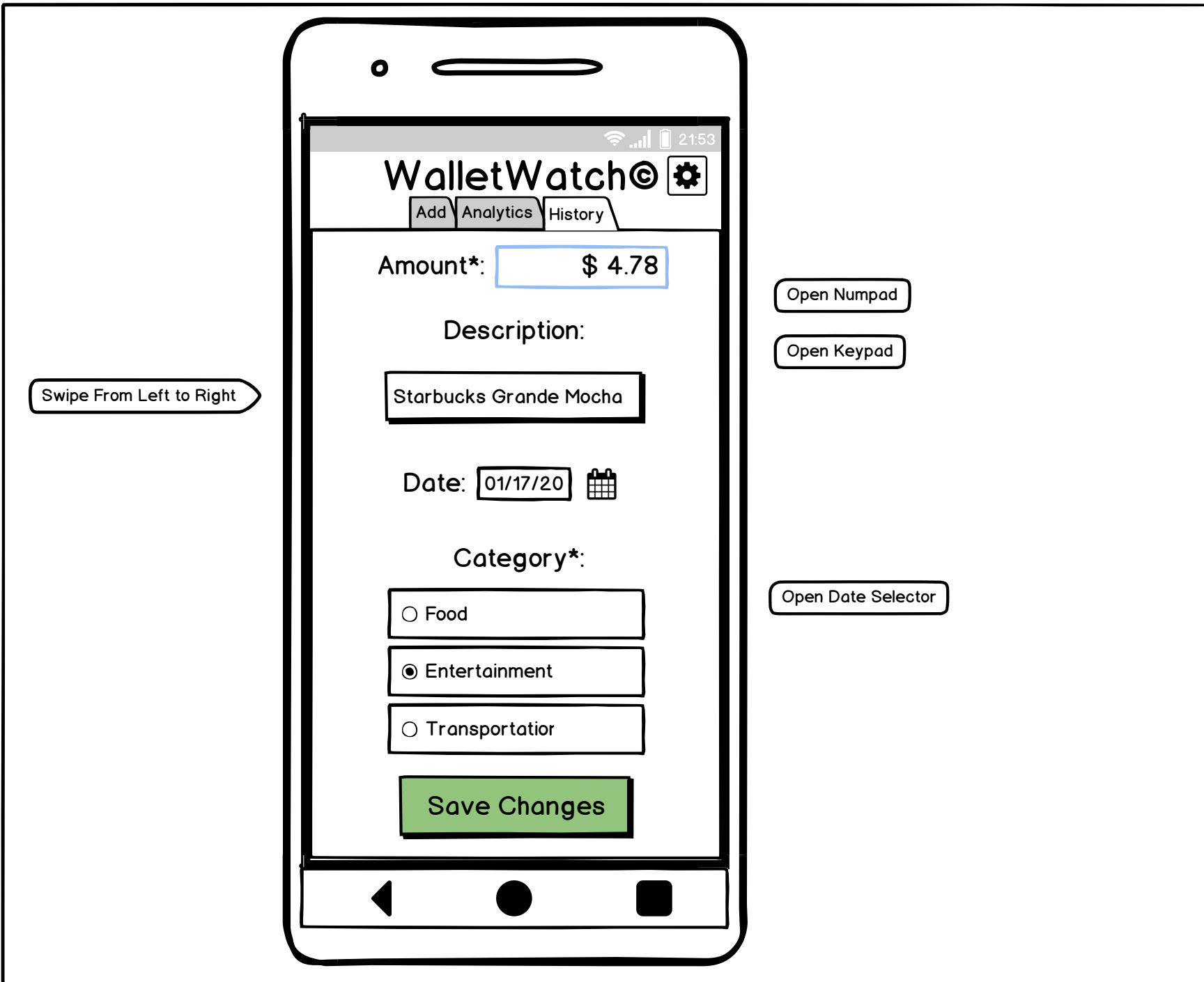
Tab 3 (Select None)

18 / 49

Swipe From Left to Right

WalletWatch© ⚙

| Add | Analytics | History |

Date (New to Old) ▼   All ▼

Date (New to Old)	All
Date (Old to New)	Food
Price (High to Low)	Entertain.
Price (Low to High)	Transport.

☐ $ 9,999.99   Trolled
  Food   2/14/20 ✎

☐ $ 5.99   Starbucks Ven.
  Food   1/15/20 ✎

☐ $ 1,000,000.00
  Transportation   1/14/20 ✎

☐ $ 5.99   Starbucks Ven.
  Food   1/12/20 ✎

Delete Selected

This view displays a list history of all entries added. Since the PIN is required to get to this screen, all other views are now accessible without re-entering the PIN, at least for a time. A vertical scrollbar allows viewing of the entire list. Swiping from left-to-right will go to the analytics.

Tab 3 (Edit Entry)

19 / 49

WalletWatch© ⚙

Add | Analytics | History

Amount*: $ 5.99

Open Numpad

Description:

Open Keypad

Swipe From Left to Right

Starbucks Venti Mocha

Date: 01/15/20 📅

Category*:

Open Date Selector

⦿ Food

○ Entertainment

○ Transportatior

Save Changes

21:54

This view allows the user to edit an entry with a layout highly similar and consistent to the Add entry screen.

Tab 3 (Edit Amount)   **20 / 49**

WalletWatch© ⚙

Add | Analytics | History

Amount*: $ 4.78

Description:

Starbucks Venti Mocha

Date: 01/15/20 📅

Open Keypad

Open Date Selector

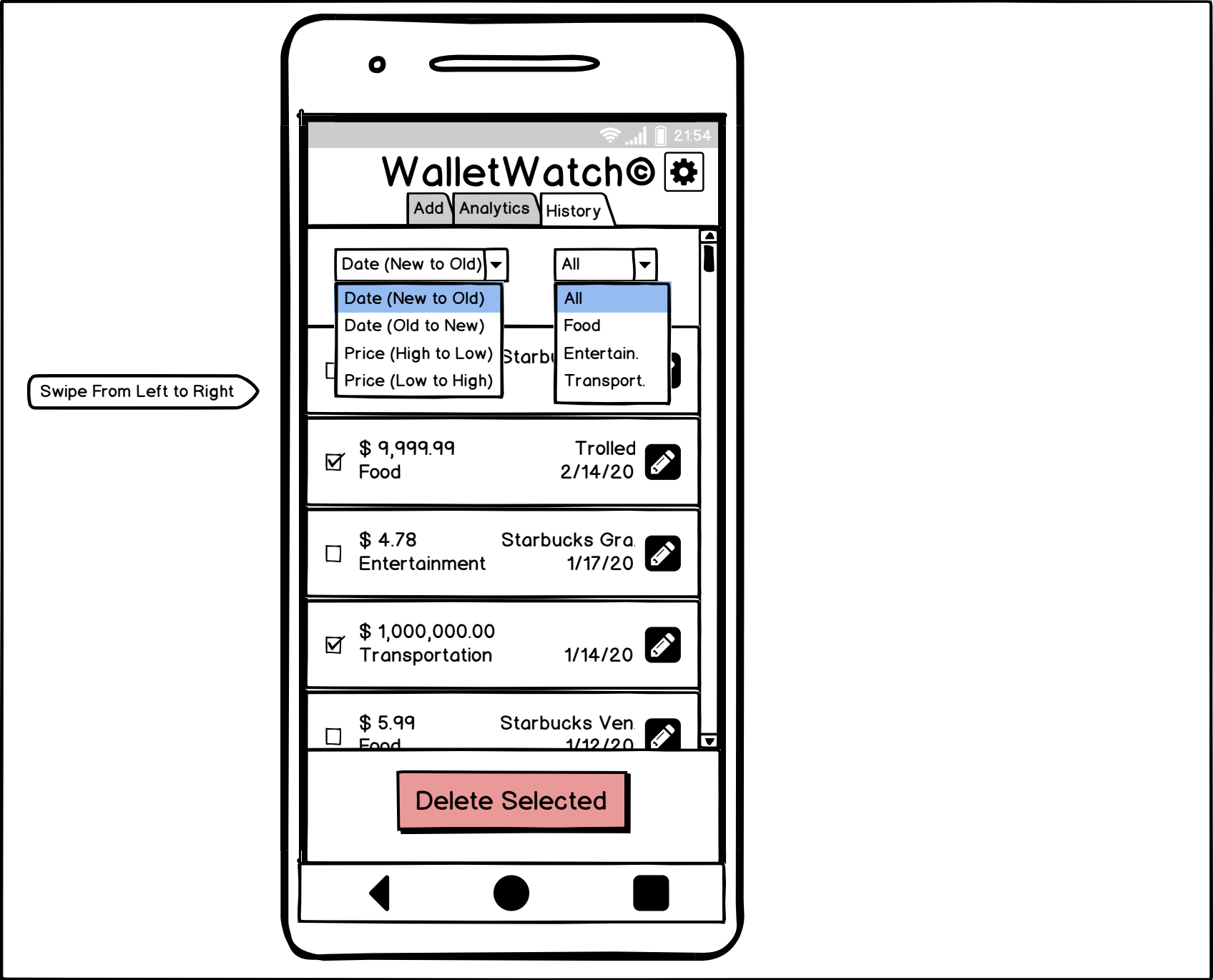| 1 | 2 | 3 |
4	5	6
7	8	9
	0	⌫ X

21:54

A numpad allows editing of the dollar amount of the purchase. This view allows the user to edit an entry with a layout highly similar and consistent to the Add entry screen.

Tab 3 (Edit Category)
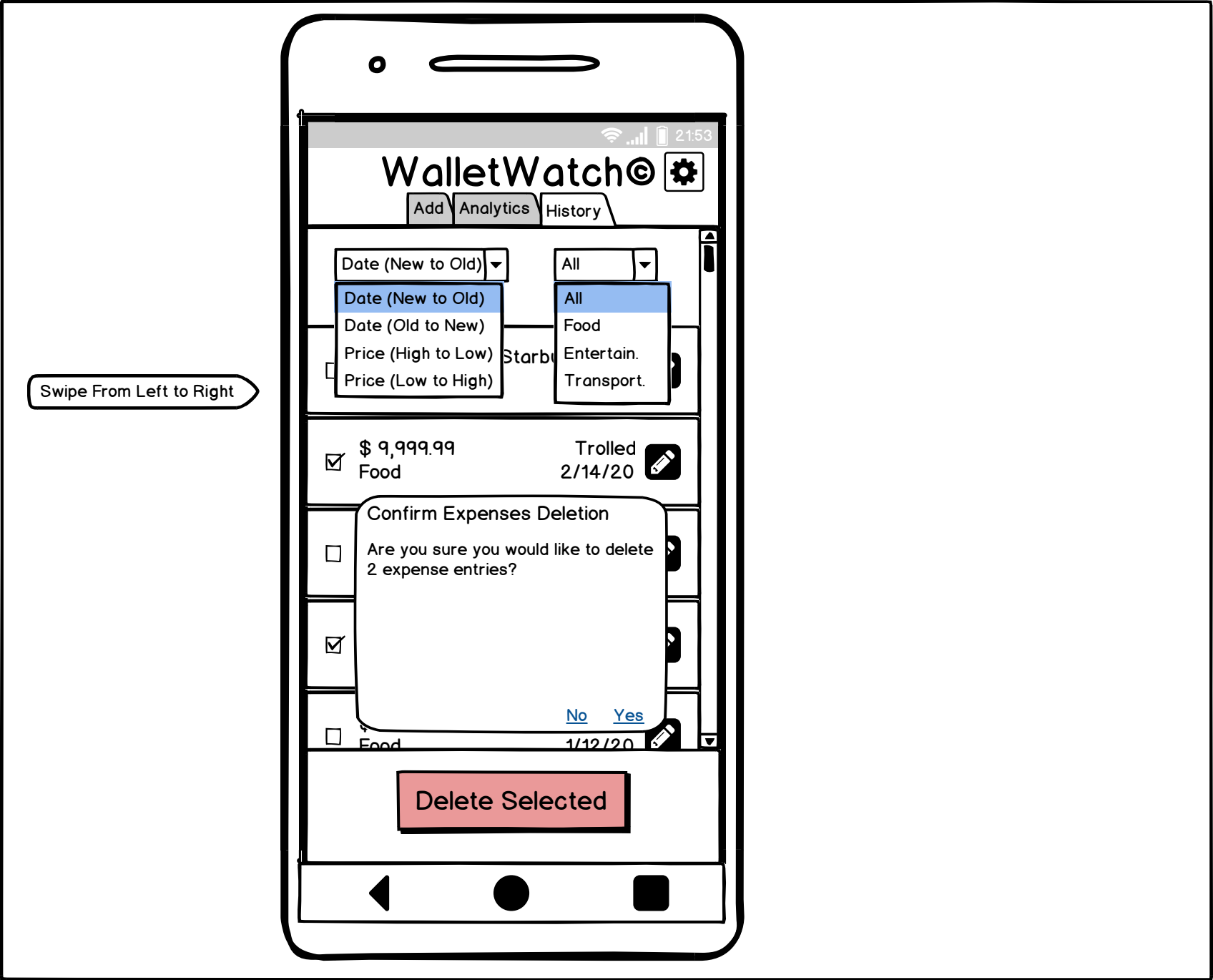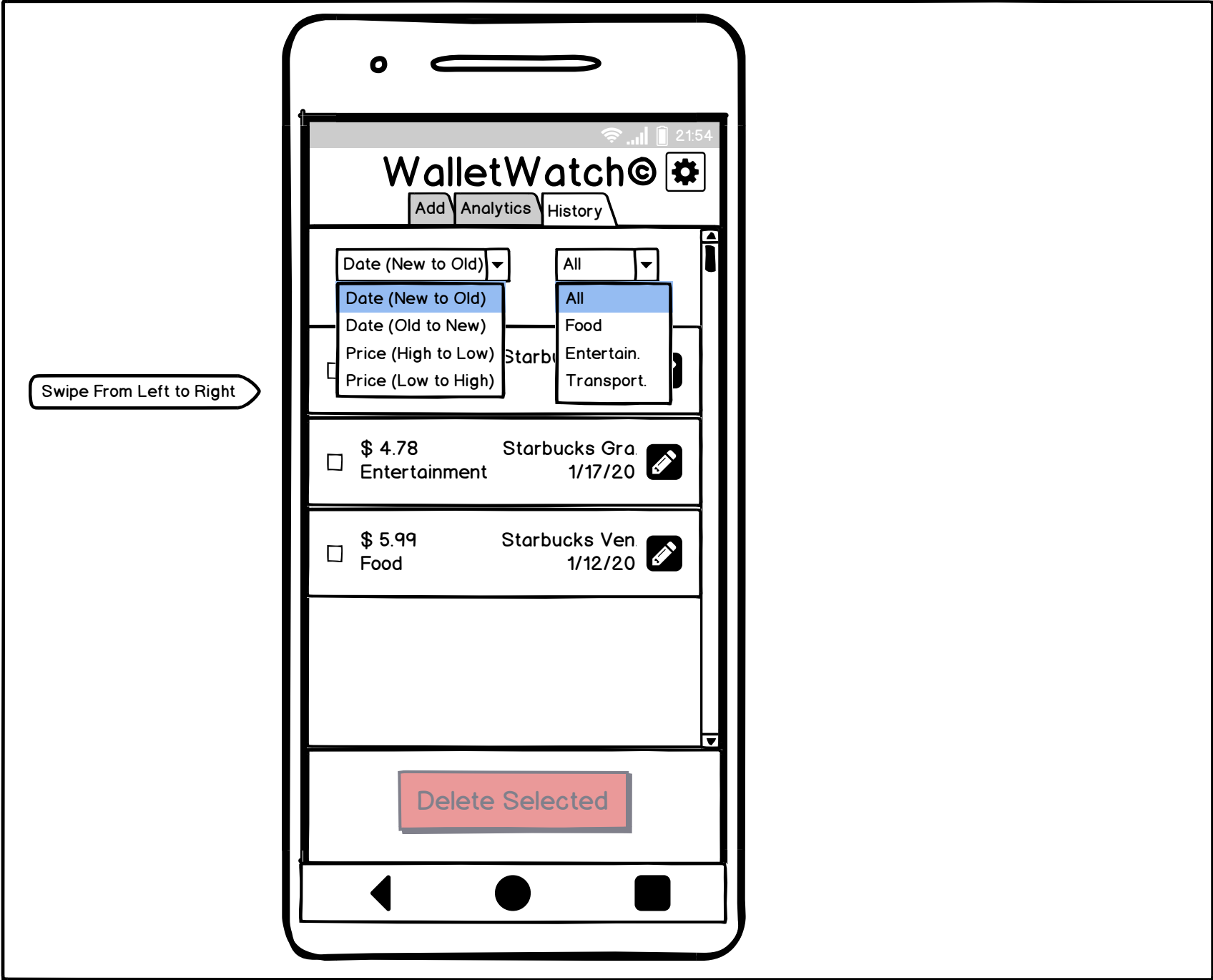
21 / 49

WalletWatch© ⚙

Add | Analytics | History

Amount*: | $ 4.78

Open Numpad

Open Keypad

Description:

Starbucks Grande Mocha

Swipe From Left to Right

Date: 01/17/20 📅

Category*:

○ Food

⦿ Entertainment

○ Transportatior

Open Date Selector

Save Changes

21:53

Three radio buttons allows editing of the category of the purchase. This view allows the user to edit an entry with a layout highly similar and consistent to the Add entry screen.

Tab 3 (Edit Description) 22 / 49

WalletWatch© ⚙

Add | Analytics | History

Amount*: $ 4.78

Open Numpad

Description:

Starbucks Grande Mocha

Date: 0/15/20 📅

Open Date Selector

Category*:

Q W E R T Y U I O P

A S D F G H J K L

⇧ Z X C V B N M ⌫

123 🌐 🎤 space return

A keypad allows editing of the optional description of the purchase. This view allows the user to edit an entry with a layout highly similar and consistent to the Add entry screen.

Tab 3 (Edit Date) 23 / 49
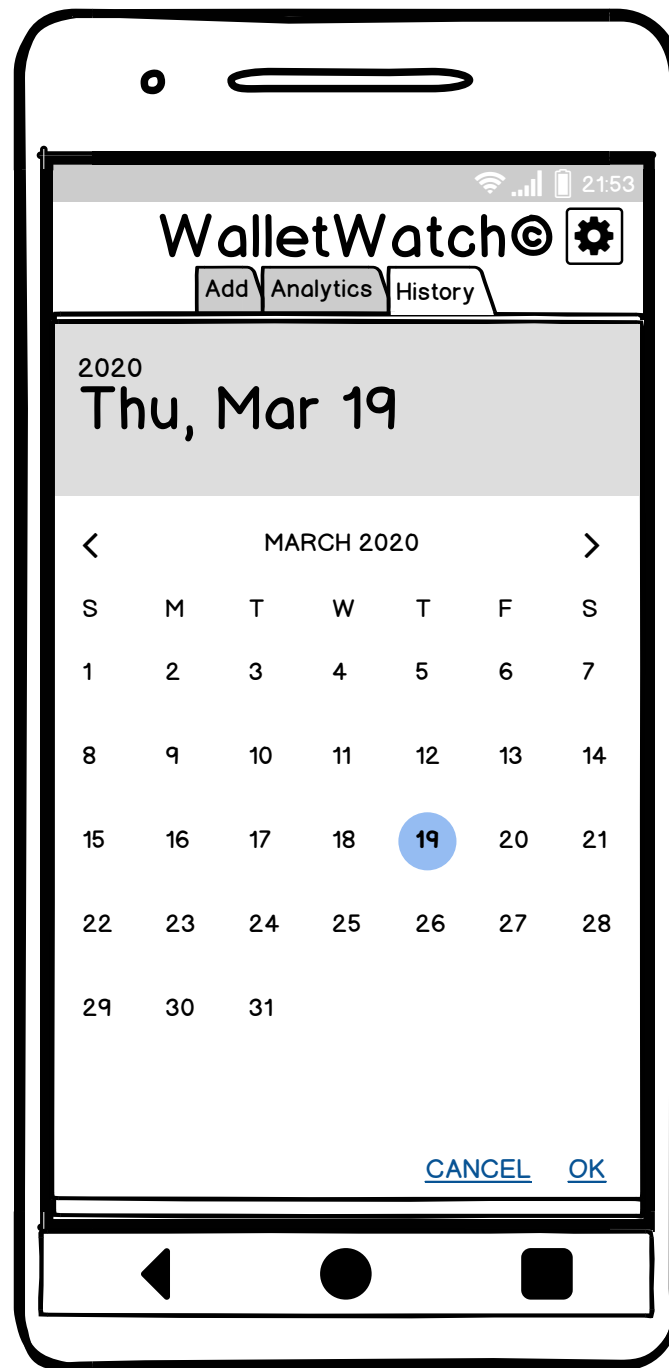
A date selector allows editing of the date of purchase. This view allows the user to edit an entry with a layout highly similar and consistent to the Add entry screen.

Tab 3 (Entry Edited)   24 / 49
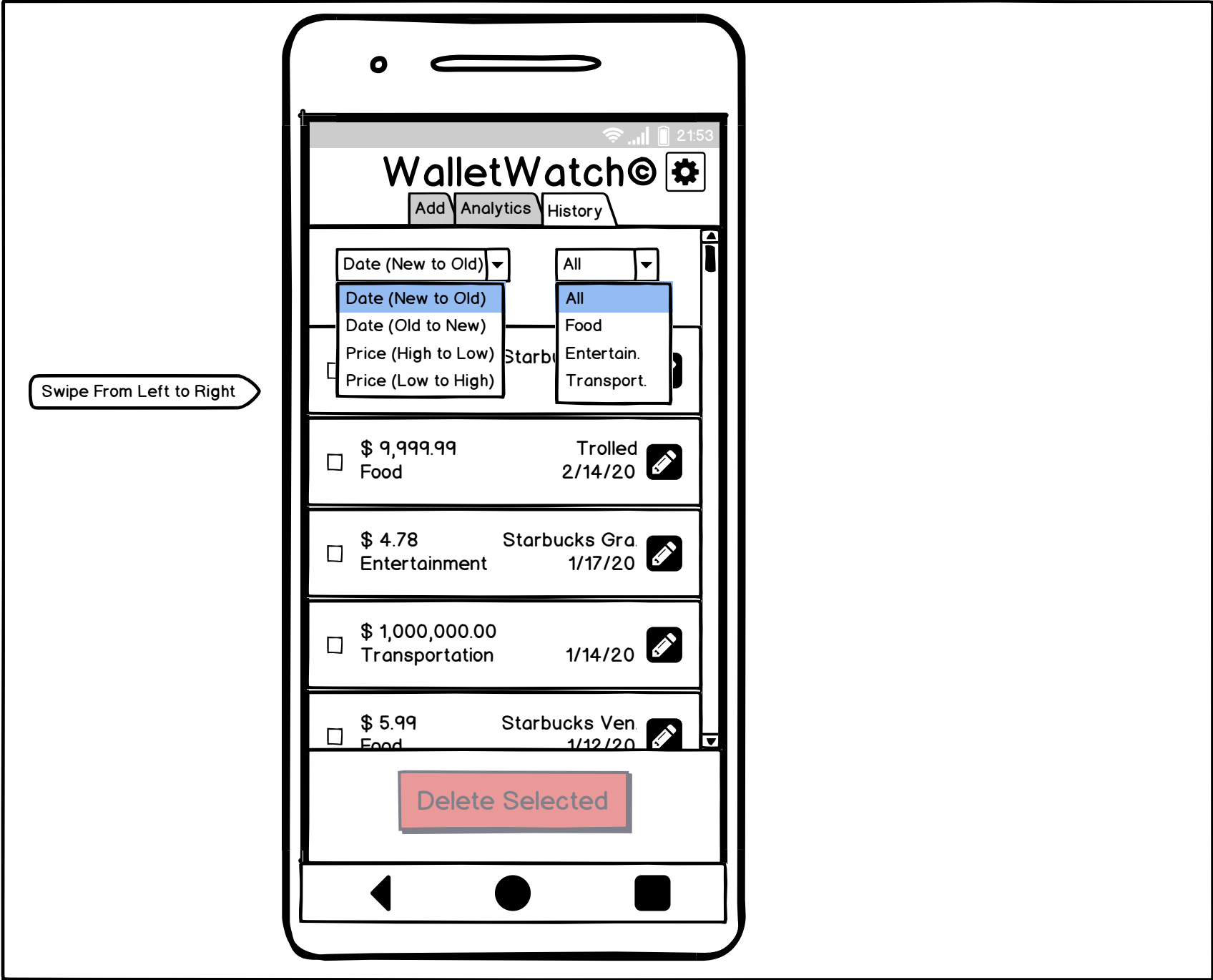
A green pop drops-down before fading away after a few seconds to denote successful modification. This view displays a list history of all entries added. Since the PIN is required to get to this screen, all other views are now accessible without re-entering the PIN, at least for a time. A vertical scrollbar allows viewing of the entire list. Swiping from left-to-right will go to the analytics.

Tab 3 (Select Some)   25 / 49

This view displays a list history of all entries added. Since the PIN is required to get to this screen, all other views are now accessible without re-entering the PIN, at least for a time. A vertical scrollbar allows viewing of the entire list. Tapping the delete button will erase all checked entries from the local data repo. Swiping from left-to-right will go to the analytics.
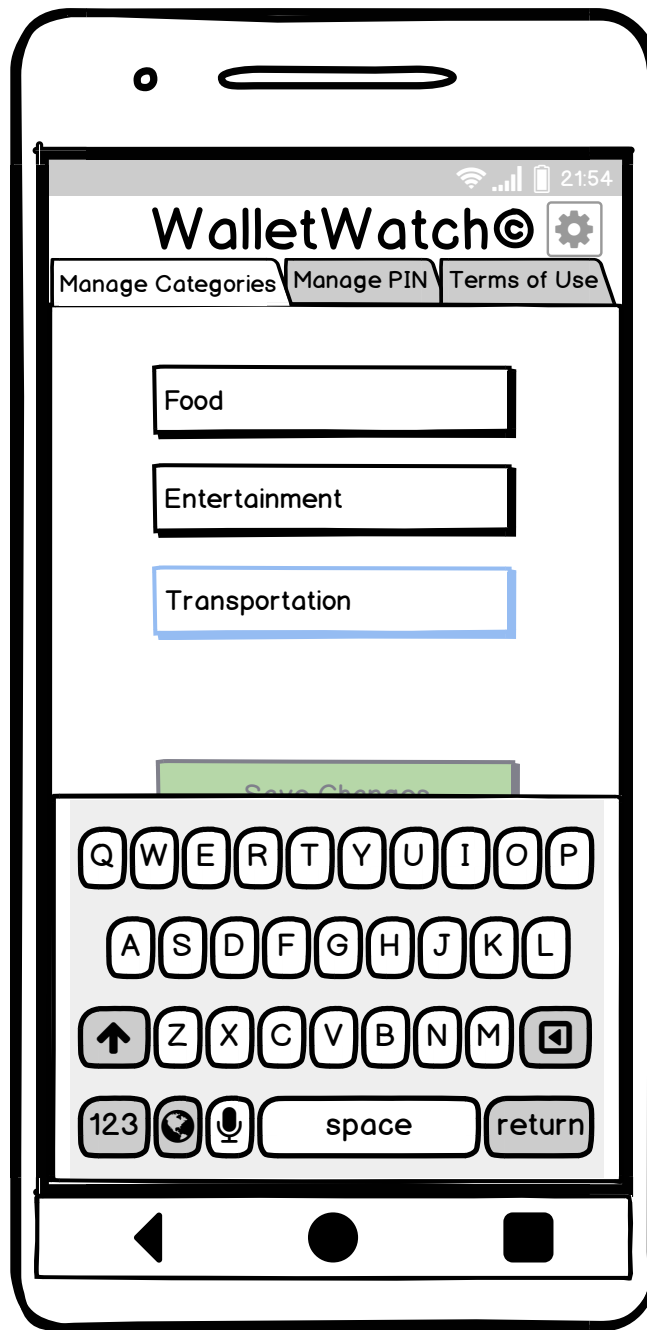
Tab 3 (Confirm Delete)

26 / 49

Swipe From Left to Right

WalletWatch© ⚙

Add   Analytics   History

Date (New to Old) ▼   All ▼

Date (New to Old)	All
Date (Old to New)	Food
Price (High to Low)	Entertain.
Price (Low to High)	Transport.

☐ Starb

☑ $ 9,999.99   Trolled ✎
  Food   2/14/20

Confirm Expenses Deletion

☐ Are you sure you would like to delete
  2 expense entries?

☑

                          No   Yes

☐ Food   1/12/20 ✎

Delete Selected

◄   ●   ■

This view displays a list history of all entries added. Since the PIN is required to get to this screen, all other views are now accessible without re-entering the PIN, at least for a time. A vertical scrollbar allows viewing of the entire list. Tapping the delete button will erase all checked entries from the local data repo. Swiping from left-to-right will go to the analytics.

Tab 3 (Deleted)

27 / 49

A green pop drops-down before fading away after a few seconds to denote successful deletion. This view displays a list history of all entries added. Since the PIN is required to get to this screen, all other views are now accessible without re-entering the PIN, at least for a time. A vertical scrollbar allows viewing of the entire list. Swiping from left-to-right will go to the analytics.
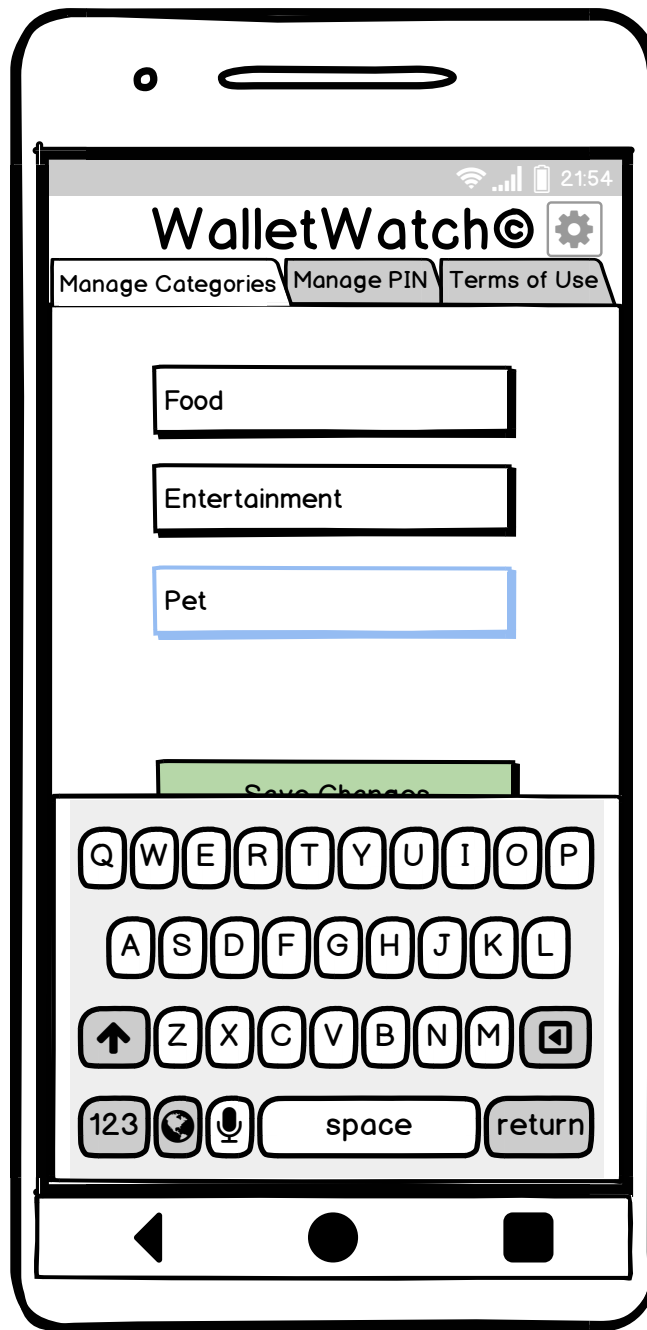
WalletWatch©

Manage Categories | Manage PIN | Terms of Use

Food

Entertainment

Transportation

Save Changes

Swipe From Right to Left

This view allows the user to change the category labels that they would like to track. The Save Changes button will only enable once the user edits one of the labels, but will disable at any point that the labels are the same as they currently are set to. Tapping the back arrow or settings gear icon will go to the app launch screen.

This view allows the user to change the category labels that they would like to track. The Save Changes button will only enable once the user edits one of the labels, but will disable at any point that the labels are the same as they currently are set to. Tapping the back arrow will close the keypad. Tapping the settings gear icon will go to the app launch screen.
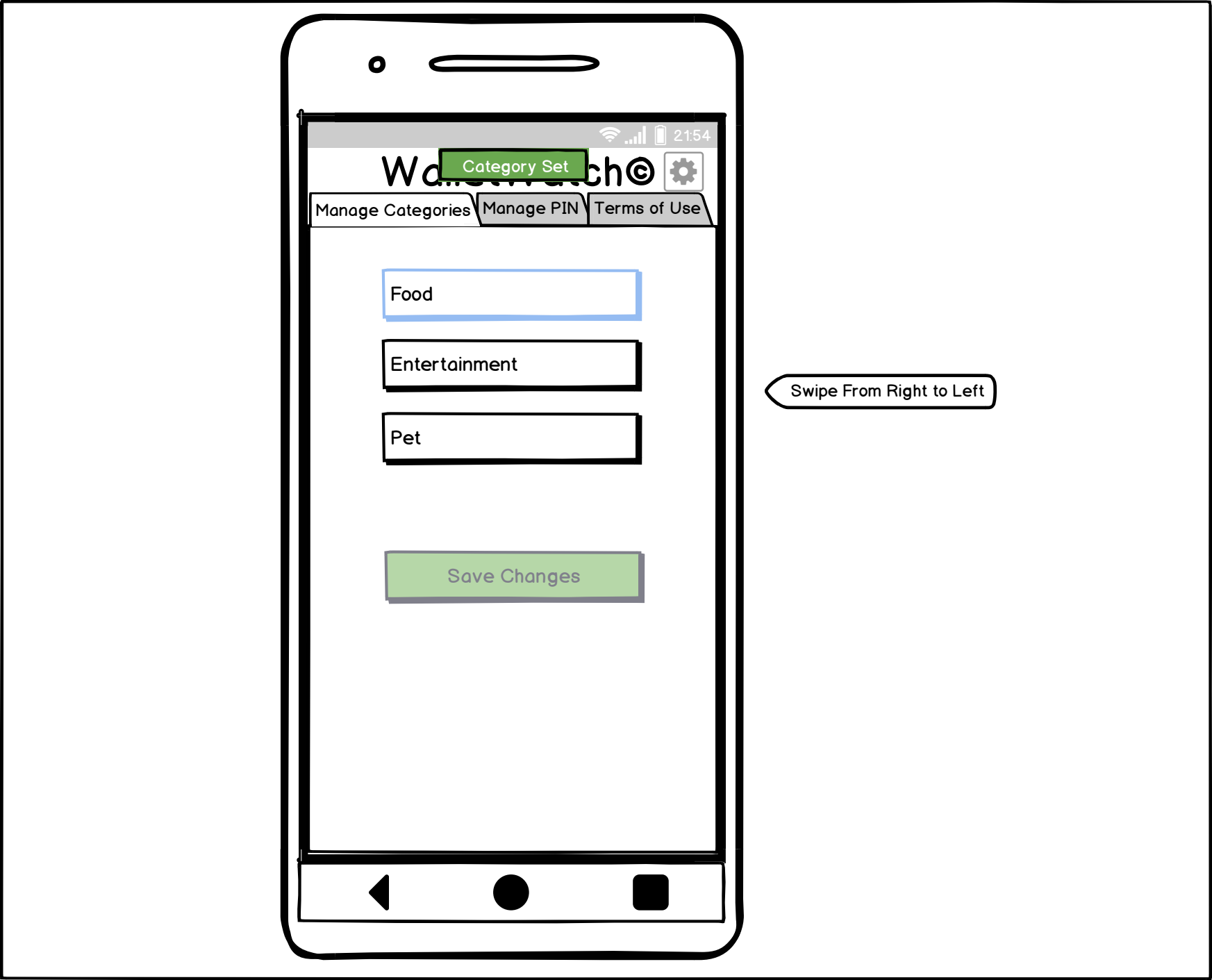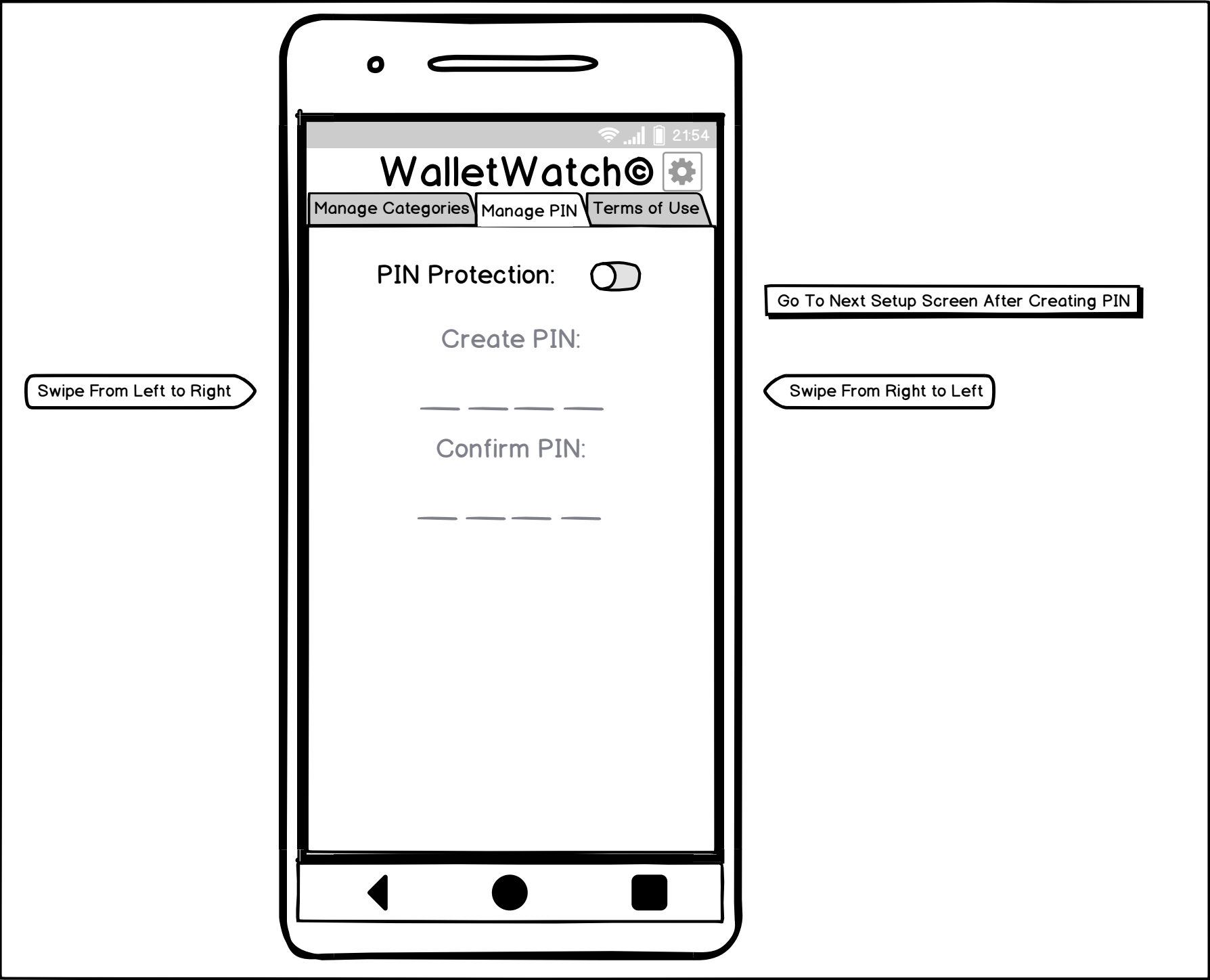
WalletWatch©

Manage Categories | Manage PIN | Terms of Use

Food

Entertainment

Pet

Save Changes

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M

123 space return

This view allows the user to change the category labels that they would like to track. Tapping the Save Changes button will open the confirmation popup. The Save Changes button will disable at any point that the labels are the same as they currently are set to. Tapping the back arrow will close the keypad. Tapping the settings gear icon will go to the app launch screen.

WalletWatch© ⚙

| Manage Categories | Manage PIN | Terms of Use |

Food

Entertainment

Pet

Save Changes

Swipe From Right to Left

This view allows the user to change the category labels that they would like to track. Tapping the Save Changes button will open the confirmation popup. The Save Changes button will disable at any point that the labels are the same as they currently are set to. Tapping the back arrow or settings gear icon will go to the app launch screen.

WalletWatch© ⚙

| Manage Categories | Manage PIN | Terms of Use |

🔲 Food

🔲 Entertainment

🔲 Pet

Confirm Category Overwrite

All expenses for the category "Transportation" will be erased to allow you to stop tracking those expenses and start tracking expenses for "Pet". This action cannot be undone. Are you sure you would like to overwrite?

No   Yes

Swipe From Right to Left

This view shows a confirmation popup alerting the user that tapping Yes will erase any data for the former category label, so that data for the new category can begin tracking. Tapping No will close the popup.

WalletWatch©

Category Set

Manage Categories | Manage PIN | Terms of Use

Food

Entertainment

Pet

Save Changes

Swipe From Right to Left

21:54

This view displays immediately after saving a new category label and clearing all the data for the former category label. There is a small green popup that drops down at the top and then fades after a couple seconds to denote success.

WalletWatch©

Manage Categories | Manage PIN | Terms of Use

PIN Protection: ◯

Go To Next Setup Screen After Creating PIN

Create PIN:

Swipe From Left to Right

___ ___ ___ ___

Swipe From Right to Left

Confirm PIN:

___ ___ ___ ___

21:54

This particular screen will only display upon the user enabling the PIN-protection feature.

🔘 ▭ 21:54

WalletWatch© ⚙

| Manage Categories | Manage PIN | Terms of Use |

PIN Protection: 🟢

Create PIN:

—— —— —— ——

Confirm PIN:

—— —— —— ——

1	2	3
4	5	6
7	8	9
	0	⬅ X

Go To Next Setup Screen After Creating PIN
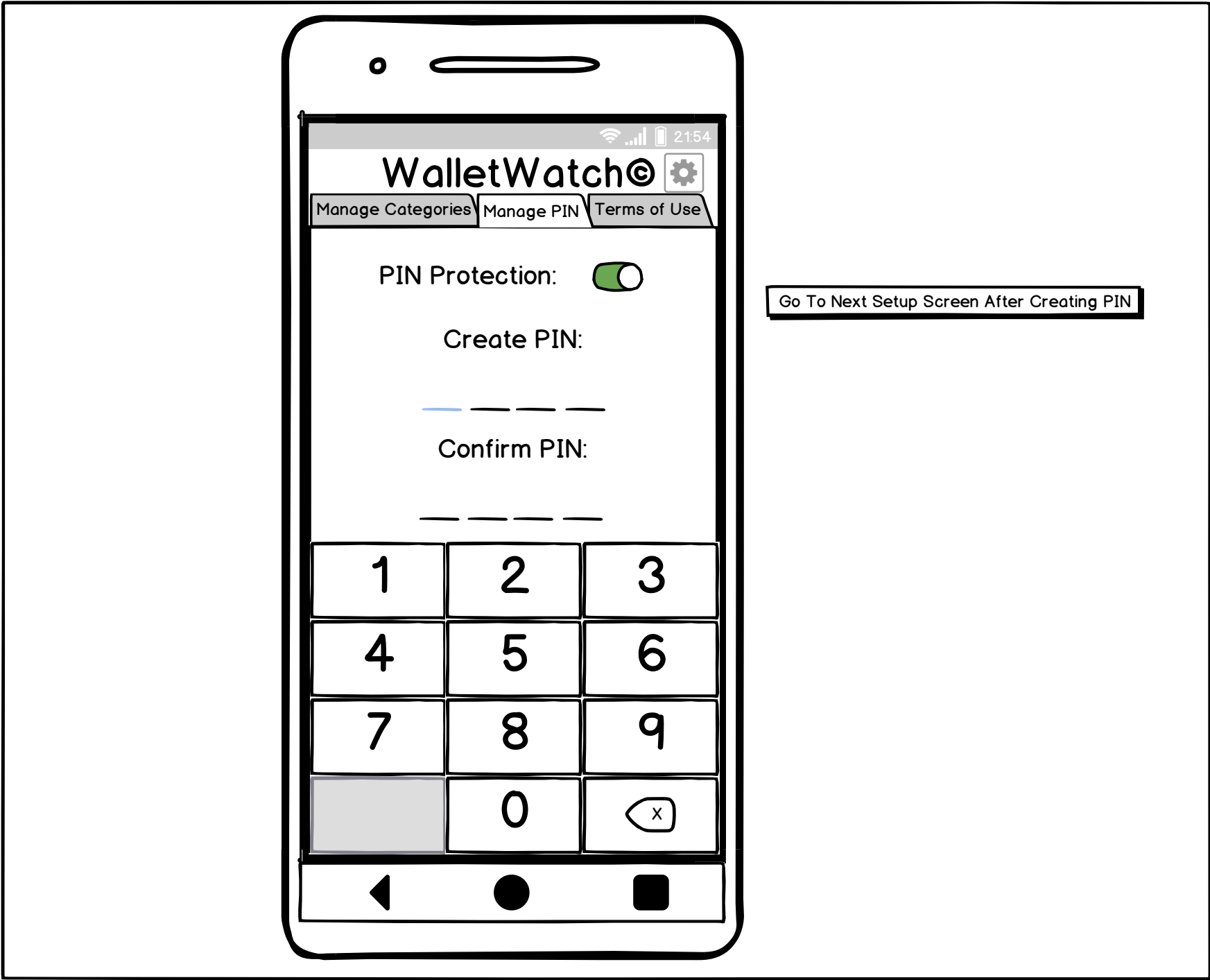
This particular screen will only display upon the user enabling the PIN-protection feature. Tapping anywhere outside the numpad will close the numpad. Upon typing the PIN in both fields, the PIN will be stored in the local data repo.
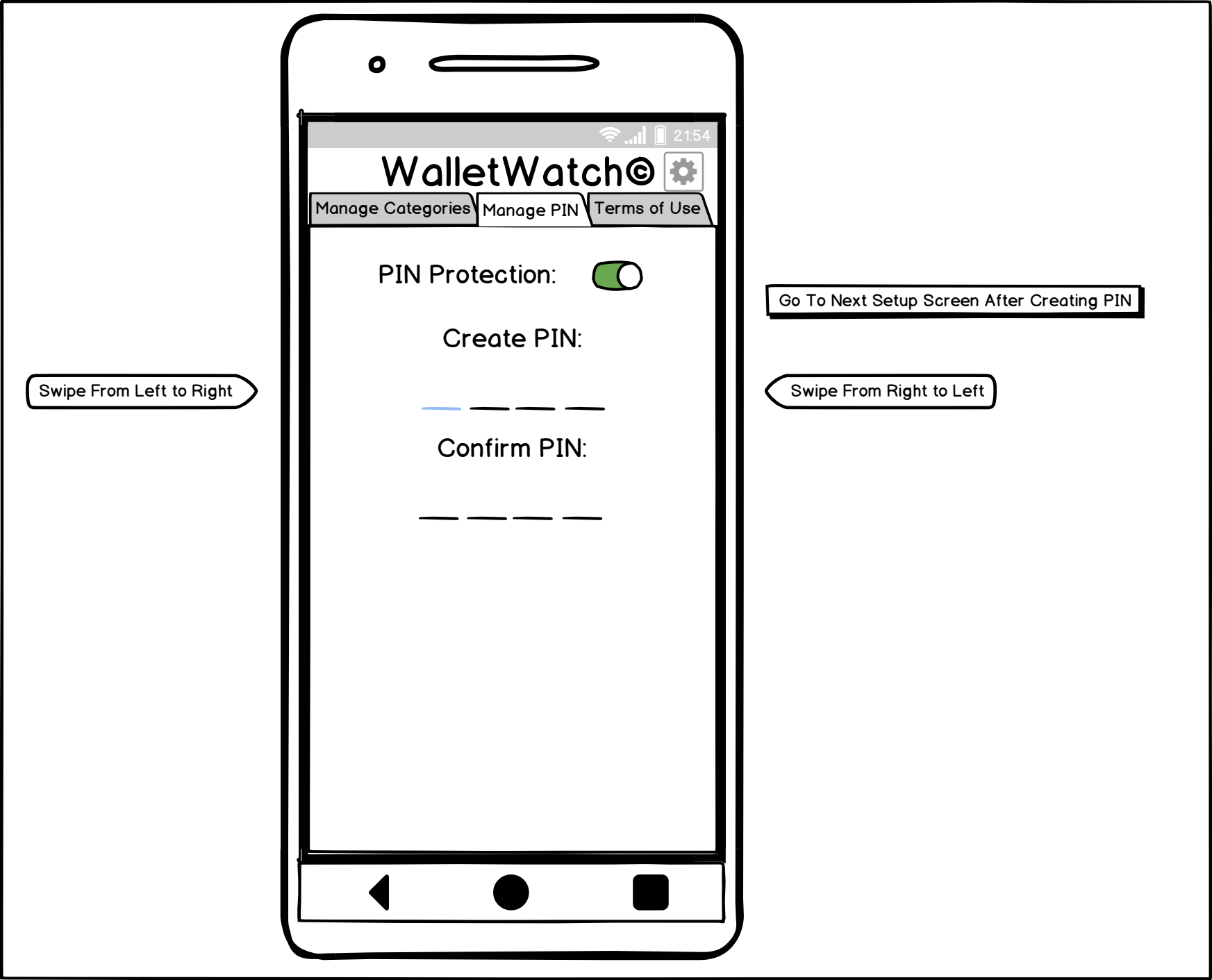
WalletWatch©

Manage Categories | Manage PIN | Terms of Use

PIN Protection:

Create PIN:

___ ___ ___ ___

Confirm PIN:

___ ___ ___ ___

Go To Next Setup Screen After Creating PIN

Swipe From Left to Right

Swipe From Right to Left

This particular screen will only display upon the user enabling the PIN-protection feature. Upon typing the PIN in both fields, the PIN will be stored in the local data repo.

WalletWatch© ⚙

| Manage Categories | Manage PIN | Terms of Use |

Security Question:

What city were you born in?

Answer:

Finish Setup

21:54

Q W E R T Y U I O P
A S D F G H J K L
⇧ Z X C V B N M ⌫
123 🌐 🎤 space return

This screen actually displays upon app installation, since the user must initialize an answer to the security question before using the app. The user will be wholly incapable of navigating anywhere else in the app until finishing this setup. The Finish Setup button will not enable unless both the Security Question textbox and Answer textbox are both filled. Tapping anywhere outside of the keypad, such as the back arrow, will close the keypad.

WalletWatch© ⚙

Manage Categories | Manage PIN | Terms of Use
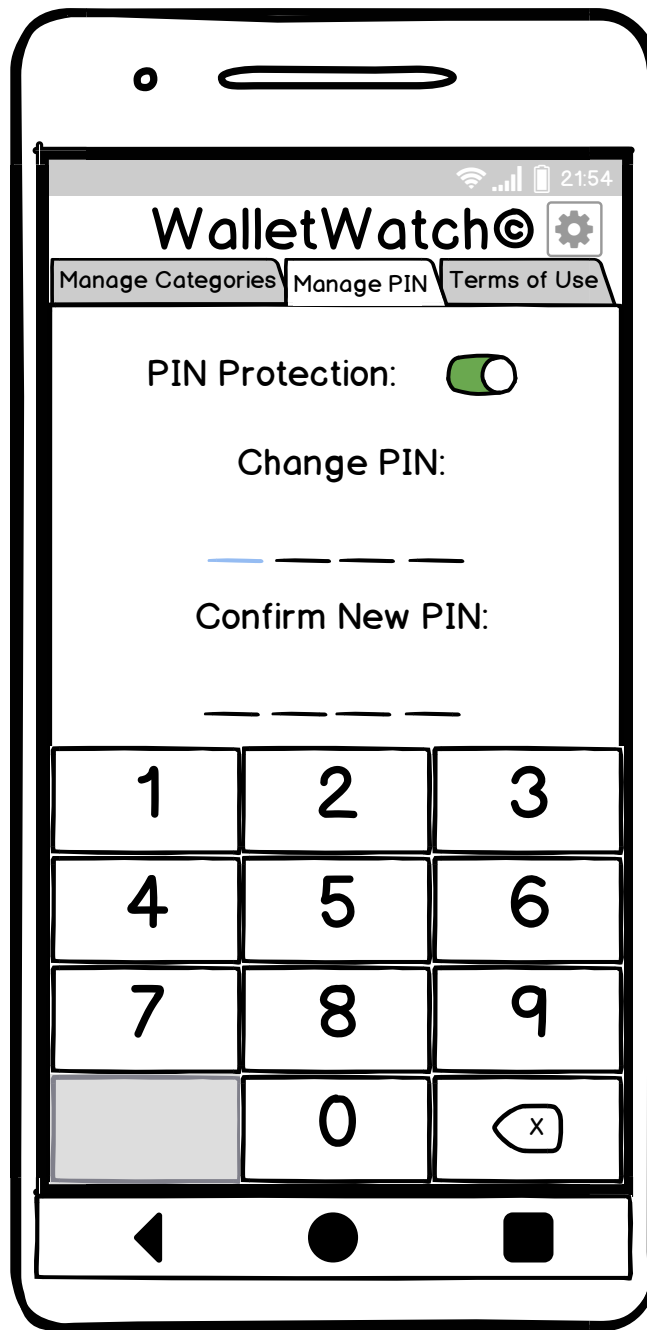
Security Question:

What city were you born in?

Answer:

Finish Setup

Swipe From Left to Right

Open Keypad

This screen actually displays upon app installation, since the user must initialize an answer to the security question before using the app. The user will be wholly incapable of navigating anywhere else in the app until finishing this setup. The Finish Setup button will not enable unless both the Security Question textbox and Answer textbox are both filled.

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Security Question:

What city were you born in?

Answer:

Seattle

Finish Setup

This screen actually displays upon app installation, since the user must initialize an answer to the security question before using the app. The user will be wholly incapable of navigating anywhere else in the app until finishing this setup. The Finish Setup button will not enable unless both the Security Question textbox and Answer textbox are both filled. Tapping anywhere outside of the keypad, such as the back arrow, will close the keypad. Tapping Finish Setup will store the PIN, Security Question, and Answer in the encrypted XML file.

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Security Question:

What city were you born in?
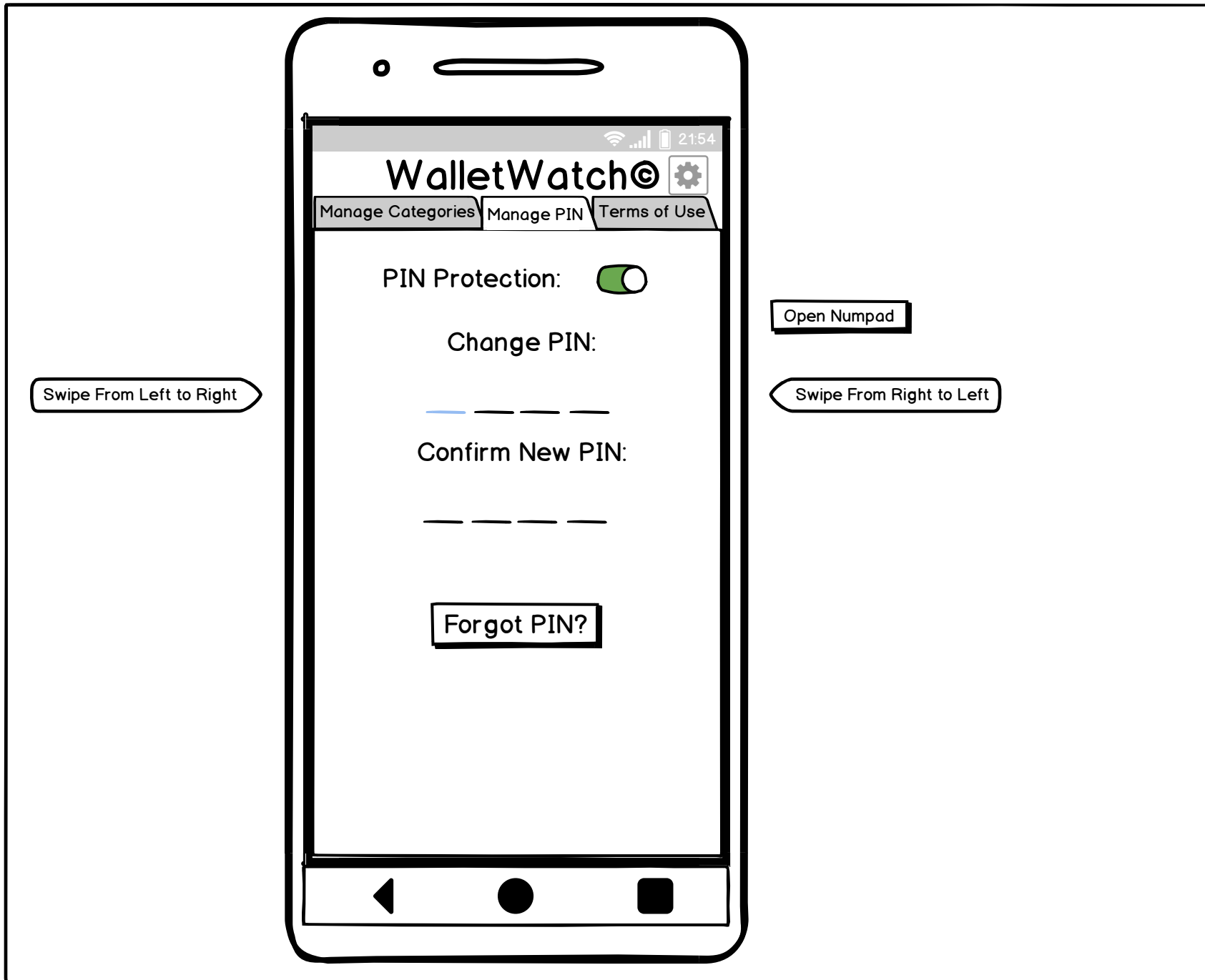
Answer:

Seattle

Finish Setup

Swipe From Left to Right

Open Keypad

21:54

This screen actually displays upon app installation, since the user must initialize a PIN and answer to the security question before using the app. The user will be wholly incapable of navigating anywhere else in the app until finishing this setup.This screen actually displays upon app installation, since the user must initialize an answer to the security question before using the app. The user will be wholly incapable of navigating anywhere else in the app until finishing this setup. The Finish Setup button will not enable unless both the Security Question textbox and Answer textbox are both filled. Tapping Finish Setup will store the PIN, Security Question, and Answer in the local data repo.

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PIN Protection:

Change PIN:

— — — —

Confirm New PIN:

— — — —

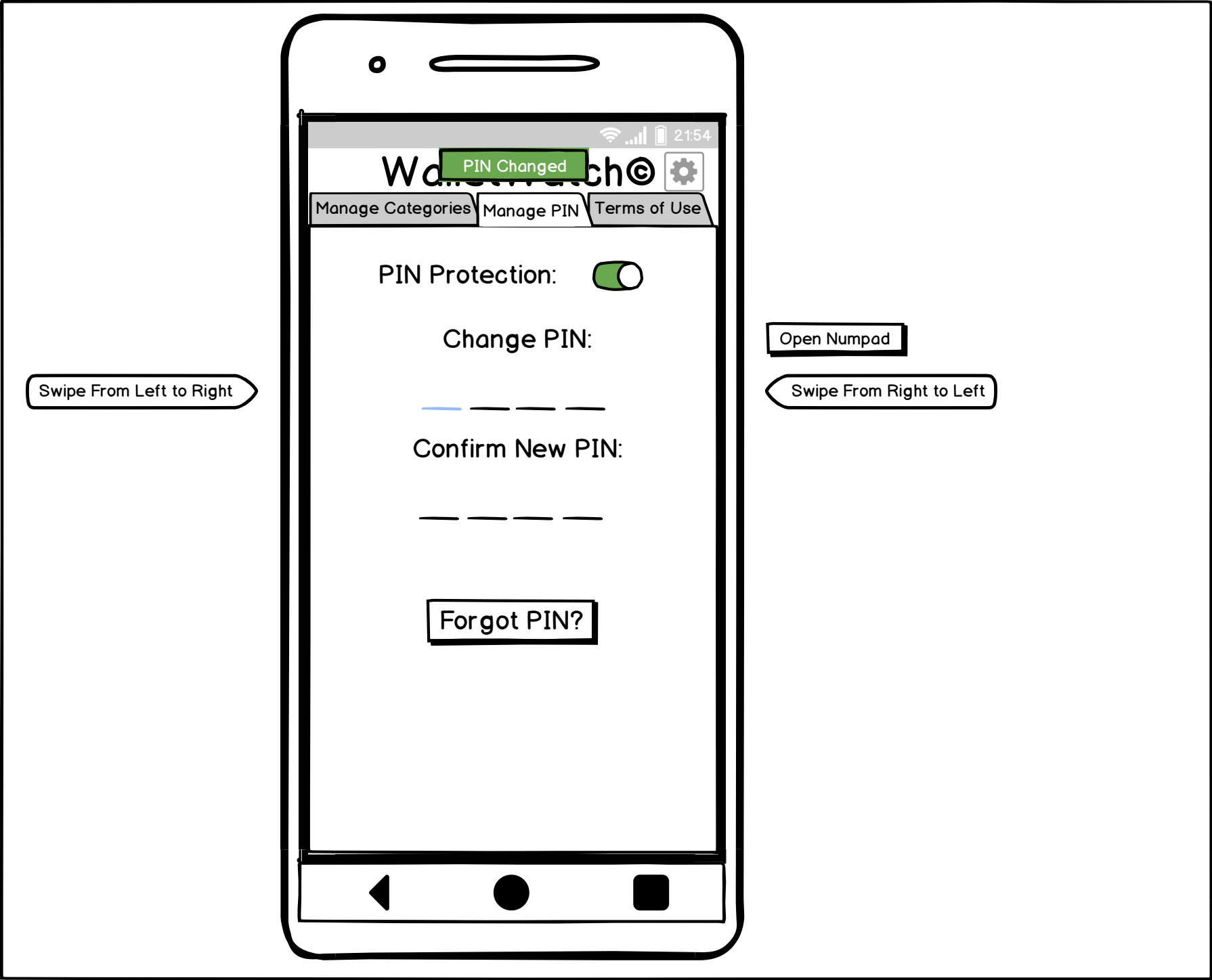| 1 | 2 | 3 |
4	5	6
7	8	9
	0	X

Go To Next Screen After Changing PIN

This view allows the user to change their PIN simply by typing it in twice. If the user instead wants to know what their current PIN is, they may tap the Forgot PIN? button. Tapping the back arrow closes the numpad. Upon typing the new PIN in both fields, the PIN will be stored in the local data repo.
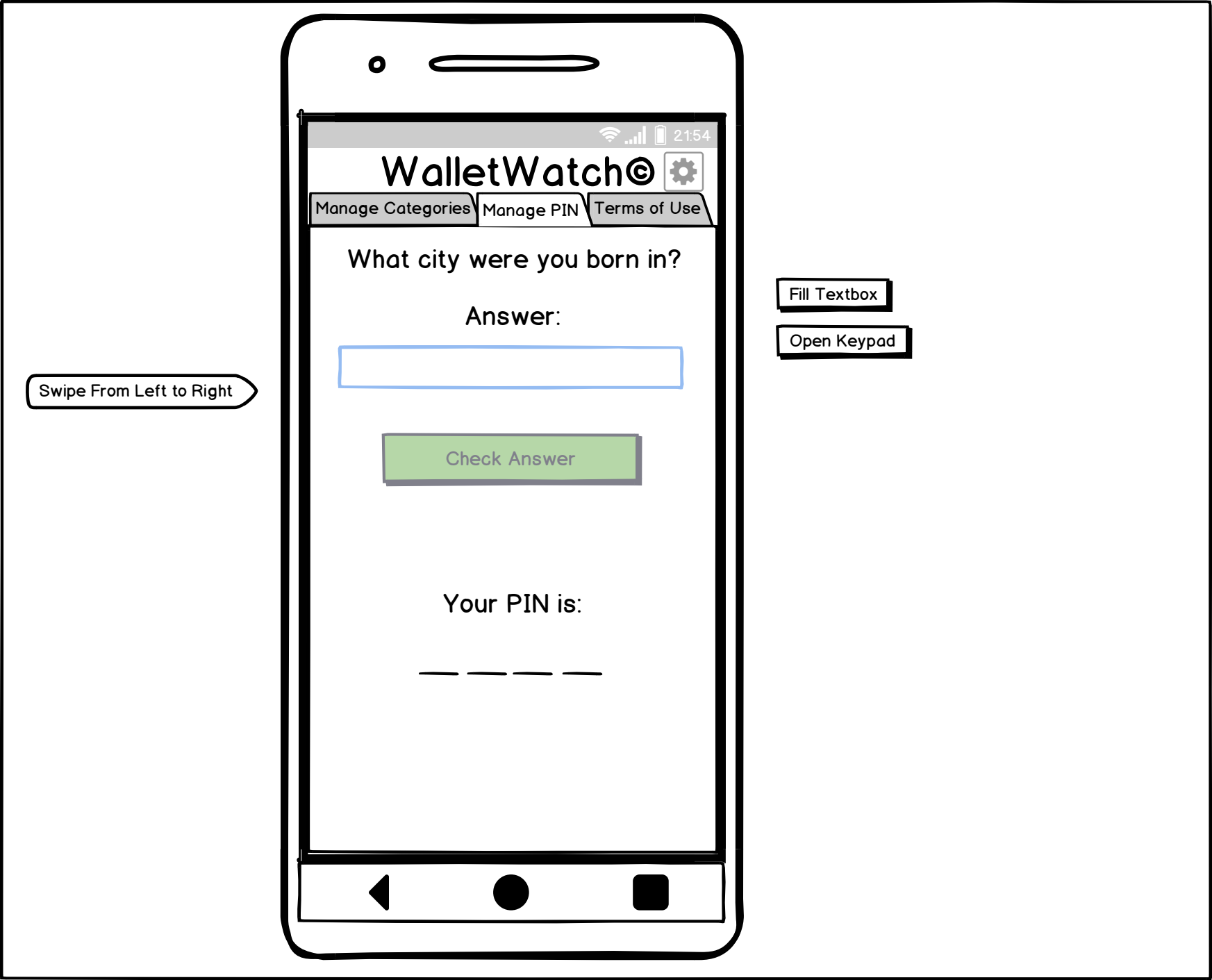
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Manage Categories | Manage PIN | Terms of Use

PIN Protection: ⬤

Open Numpad

Change PIN:

Swipe From Left to Right

— —— —— ——

Swipe From Right to Left

Confirm New PIN:

—— —— —— ——

Forgot PIN?

🔵 21:54

This view allows the user to change their PIN simply by typing it in twice. If the user instead wants to know what their current PIN is, they may tap the Forgot PIN? button. Tapping the back arrow goes to the Manage Categories tab. Upon typing the new PIN in both fields, the PIN will be stored in the local data repo.

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PIN Changed

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PIN Protection: ◉

Change PIN:

Open Numpad

Swipe From Left to Right

Swipe From Right to Left

Confirm New PIN:

Forgot PIN?

21:54

There is a small green popup that drops down at the top and then fades after a couple seconds to denote success.

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What city were you born in?

Answer:

Check Answer

Fill Textbox

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M
123 space return

This screen allows the user to find out what their current PIN is by answering their security question. Tapping the back arrow will close the keypad. The Check Answer button will enable at any point that the Answer textbox is not empty.

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Manage Categories | Manage PIN | Terms of Use

What city were you born in?

Answer:

Check Answer

Fill Textbox

Open Keypad

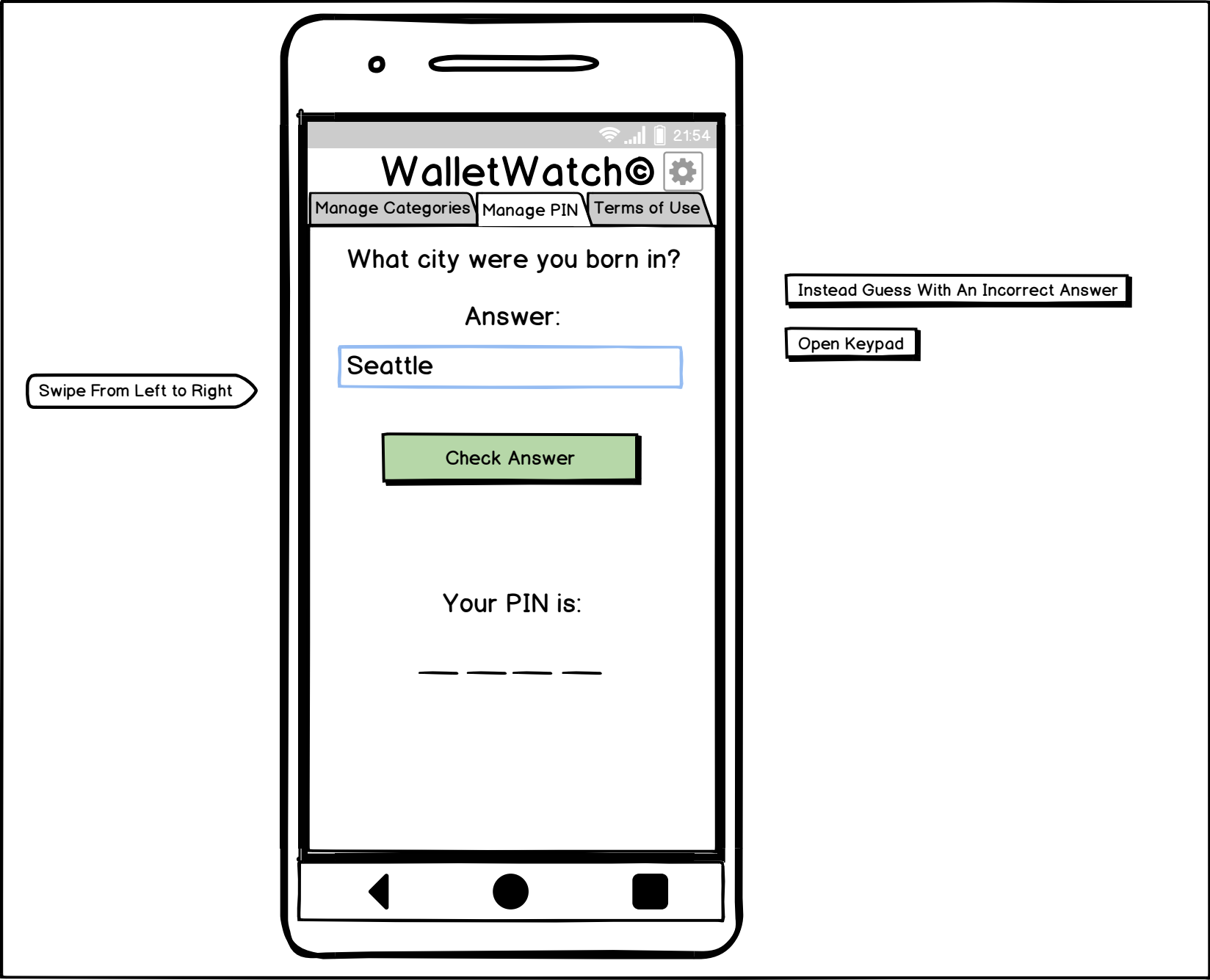Swipe From Left to Right

Your PIN is:

— — — —

This screen allows the user to find out what their current PIN is by answering their security question. Tapping the back arrow will go back to the Change Pin screen. The Check Answer button will enable at any point that the Answer textbox is not empty.
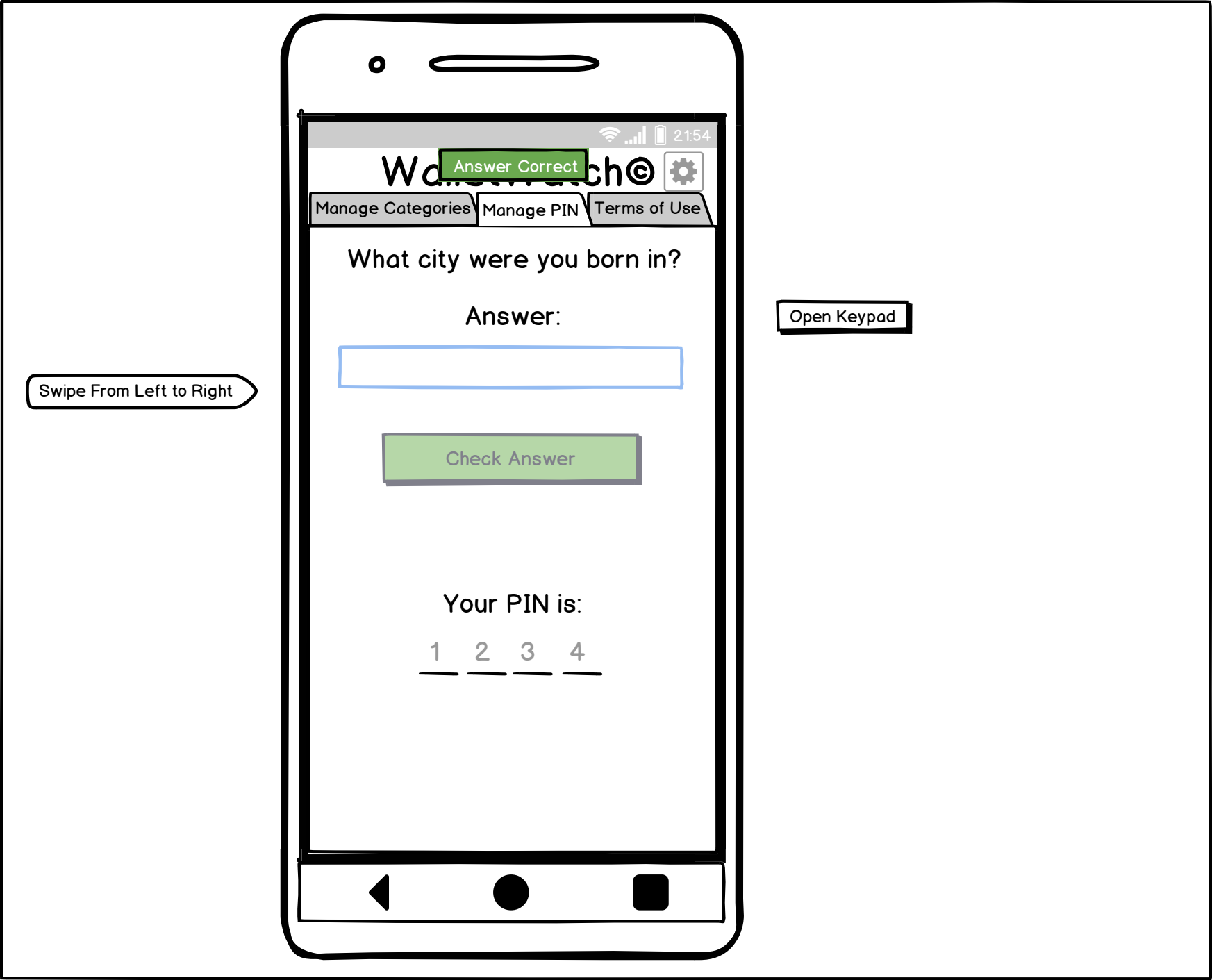
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What city were you born in?

Answer:

Seattle

Check Answer

Instead Guess With An Incorrect Answer

Q W E R T Y U I O P

A S D F G H J K L

⬆ Z X C V B N M ◀

123 🌐 🎤 space return

This screen allows the user to find out what their current PIN is by answering their security question. Tapping the back arrow will close the keypad. The Check Answer button will disable at any point that the Answer textbox is empty. Tapping the Check Answer button will reveal the user's current PIN if they correctly answered their security question. If they guessed incorrectly, then the Answer textbox will be cleared.

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What city were you born in?

Answer:

Seattle

Check Answer

Swipe From Left to Right

Instead Guess With An Incorrect Answer

Open Keypad

Your PIN is:

— — — —

This screen allows the user to find out what their current PIN is by answering their security question. Tapping the back arrow will go back to the Change PIN screen. The Check Answer button will disable at any point that the Answer textbox is empty. Tapping the Check Answer button will reveal the user's current PIN if they correctly answered their security question. If they guessed incorrectly, then the Answer textbox will be cleared and keypad opened.

Swipe From Left to Right

Open Keypad

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Answer Correct

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What city were you born in?

Answer:

Check Answer

Your PIN is:

1   2   3   4
___ ___ ___ ___

21:54

This view displays if the user correctly answers their security question, thus revealing the user's current PIN. Tapping the back arrow will go back to the Change PIN screen.

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Swipe From Left to Right
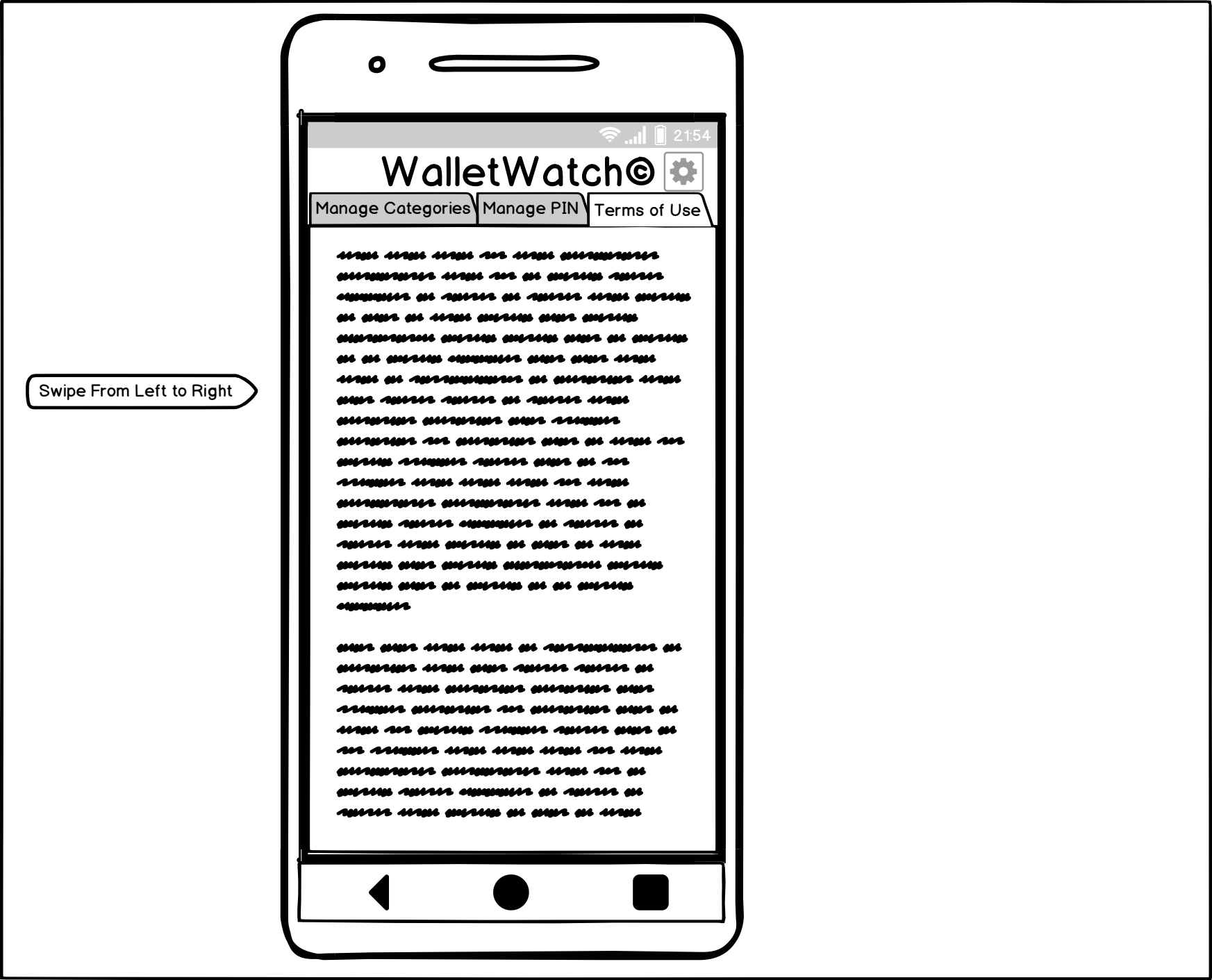
This view simply displays any terms and conditions that will be necessary to provide end-users. Tapping the back arrow will go to the Manage PIN tab.