# 🍴 Menew

Development

Design

Product Management

| Strategy & Research | Definition | Interaction | UI Design & Implementation |

- Who is our audience?
- What problem or pain points do they have?
- How do other products solve similar problems?

- How exactly are we going to solve their problems?
- What features should we build?
- How will this benefit the user? The business?

- What's the overall app architecture?
- How does a user accomplish key tasks in the app?
- Wireframing app layout and interactions.

- Visual design.
- UI Library.
- Specs & developer communication.
- Xcode UI Layout.

# Frequent Diners - Pain points

"Sometimes I wish the waiter could come over and take my order quicker."

"It's annoying when they don't get my order right. They're either missing something I added, or include sometime I stated I wanted left off."

"When it's busy, it's hard to get a waiter's attention because they're either attending other customers, or busy at the counter."

"I'm pretty patient, but sometimes I wonder what the status of my food is. I don't bother a waiter because I don't want to seem like a rude customer."

**Problem statement: Frequent diners**

Eating at a restaurant can be an annoying experience for diners because mistakes can be made on their orders and flagging down a waiter for service and asking for their bill can be a long wait. How might we be able to simplify the process of dining at a restaurant?
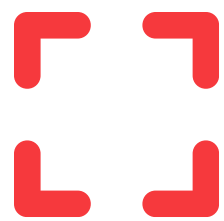
**1. Scan table**

**2. Order**

**3. Pay**

11:19:11 AM
Server:xiaoy
Sec: TABLE

Chk#:1000
Tbl: 10 Gst:1

排骨飯705..

Work Order 堂吃

11:28:45 AM
Server:AMY
Sec: TABLE

Chk#:1003
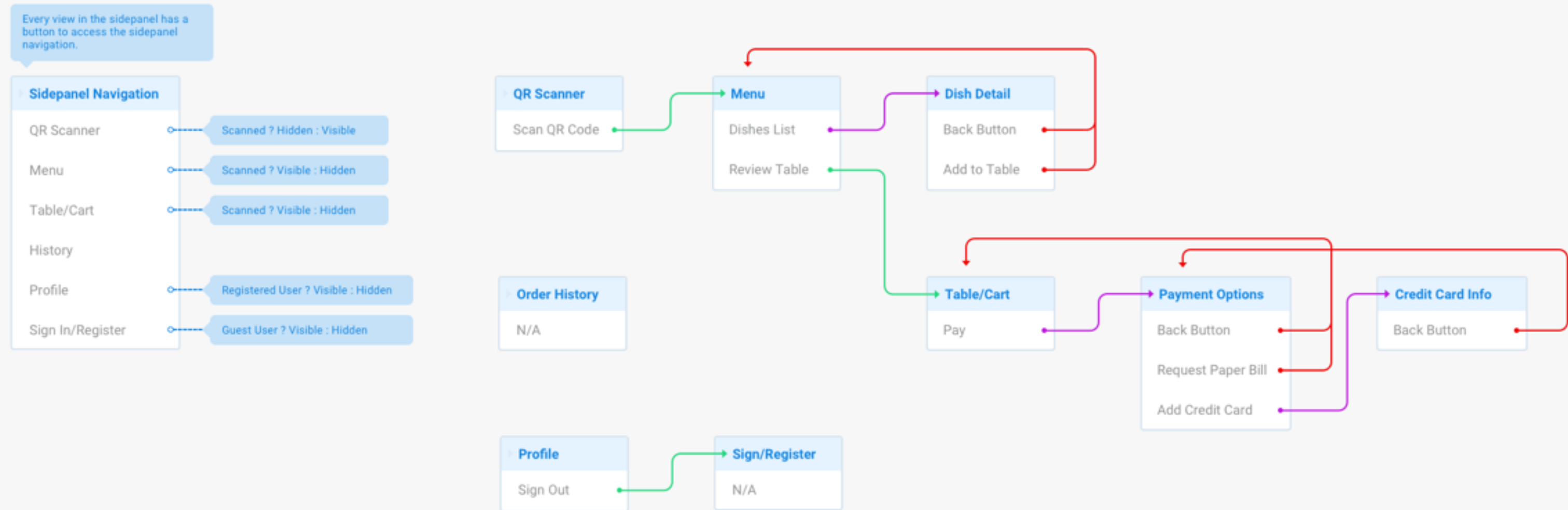Tbl: 6 Gst:2

香菇豆包128..

湯包(8)216..

肉燥飯701..

乾炒牛河536..

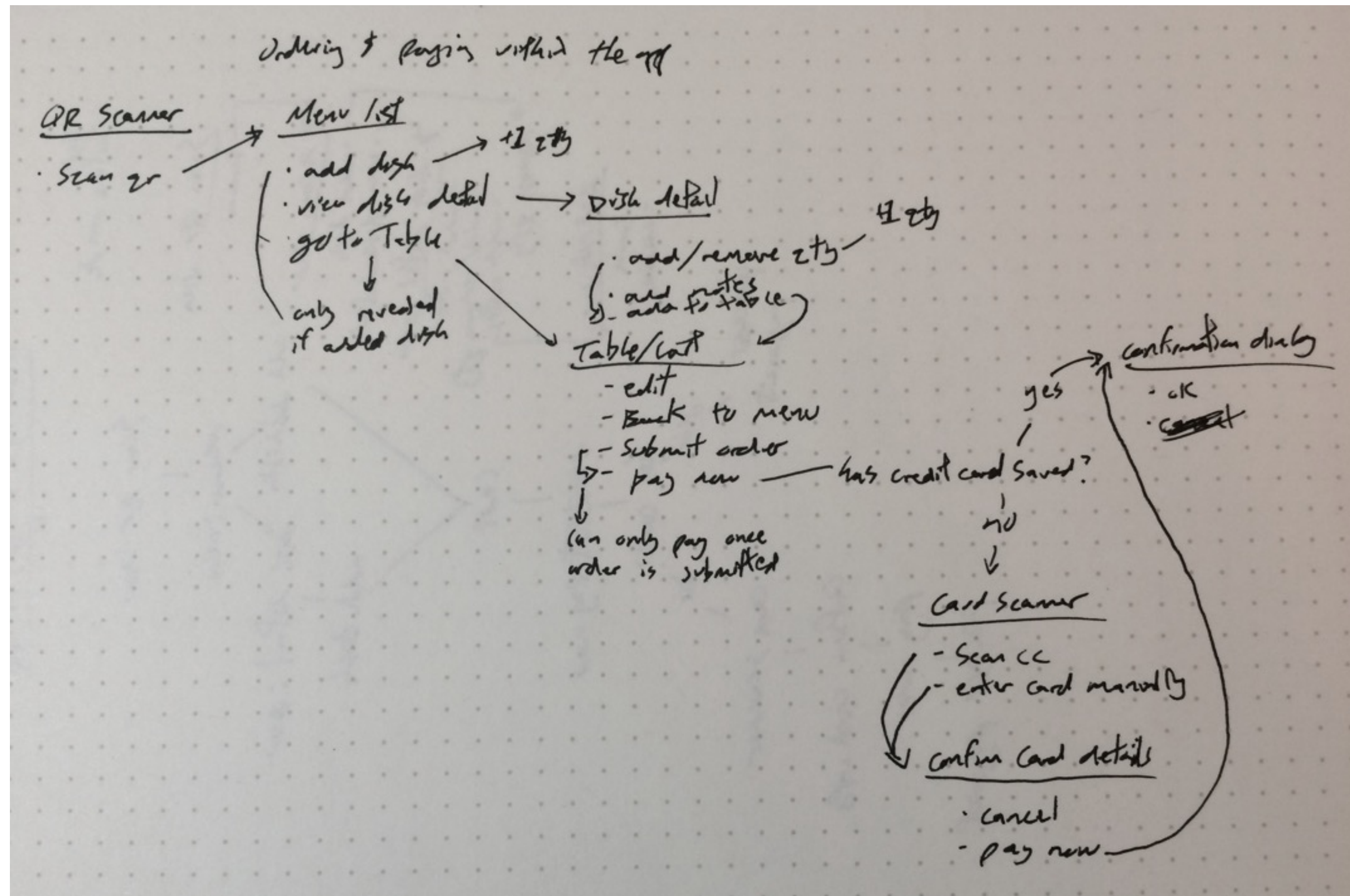**Southland Flavor Cafe**
10825 N Wolfe Rd, Cupertino, CA 95014

The next view replaces the previous view.
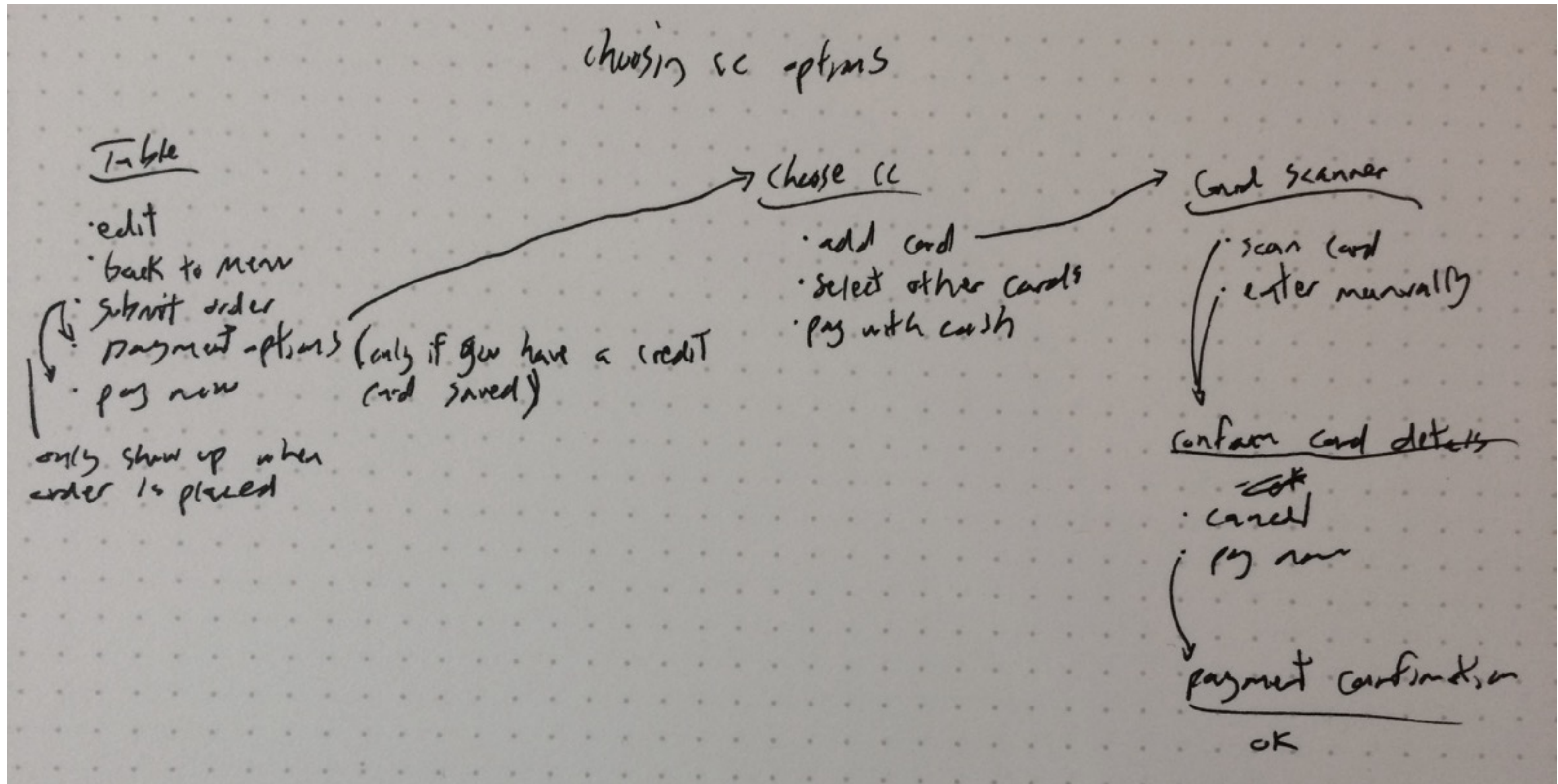
The next view is added on top of the current view.

The current view is removed to reveal the previous view.

Every view in the sidepanel has a button to access the sidepanel navigation.

**Sidepanel Navigation**

QR Scanner — Scanned ? Hidden : Visible

Menu — Scanned ? Visible : Hidden

Table/Cart — Scanned ? Visible : Hidden

History

Profile — Registered User ? Visible : Hidden

Sign In/Register — Guest User ? Visible : Hidden

**QR Scanner**

Scan QR Code

**Menu**

Dishes List

Review Table

**Dish Detail**

Back Button

Add to Table

**Order History**

N/A

**Table/Cart**

Pay

**Payment Options**

Back Button

Request Paper Bill

Add Credit Card

**Credit Card Info**

Back Button

**Profile**

Sign Out

**Sign/Register**

N/A

# Place an order, and pay with app

# Choosing different payment option



choosing cc options

**Table**
- edit
- back to menu
- submit order
- payment options (only if you have a credit card saved)
- pay now

only show up when order is placed

**Choose CC**
- add card
- select other cards
- pay with cash

**Card scanner**
- scan card
- enter manually

**confirm card details**
- ok
- cancel
- pay now

**payment confirmation**
- ok

## QR Scanner

Scan QR Code

Scan QR code on a table to
start an order

## Sidebar

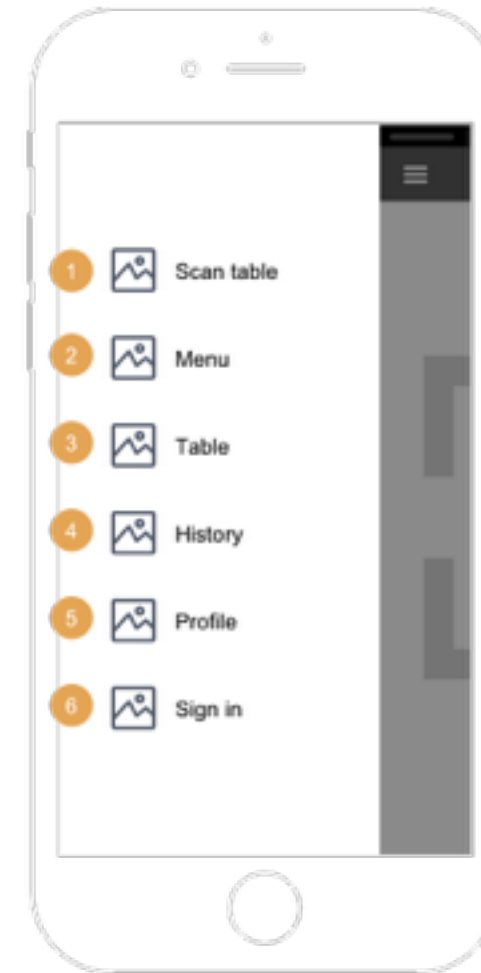1 Scan table

2 Menu

3 Table

4 History

5 Profile

6 Sign in

View: **Scan QR**
State: **QR code not scanned**

1 Tapping "menu" icon slides the sidebar menu on top of
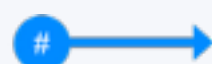the current view

2 Scanning qr code goes to Menu view

View: **Sidebar menu**
State:

1 Scan table: Only visible if not scanned yet

2 Menu: Only visible if scanned

3 Table: Only visible if scanned

4 History: Visible always

5 Profile: Visible always, only to registered users

6 Sign in: Visible always, only to guest users

# → Replace the previous view with the new view.

# → Put the new view on top of the previous view.
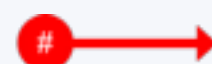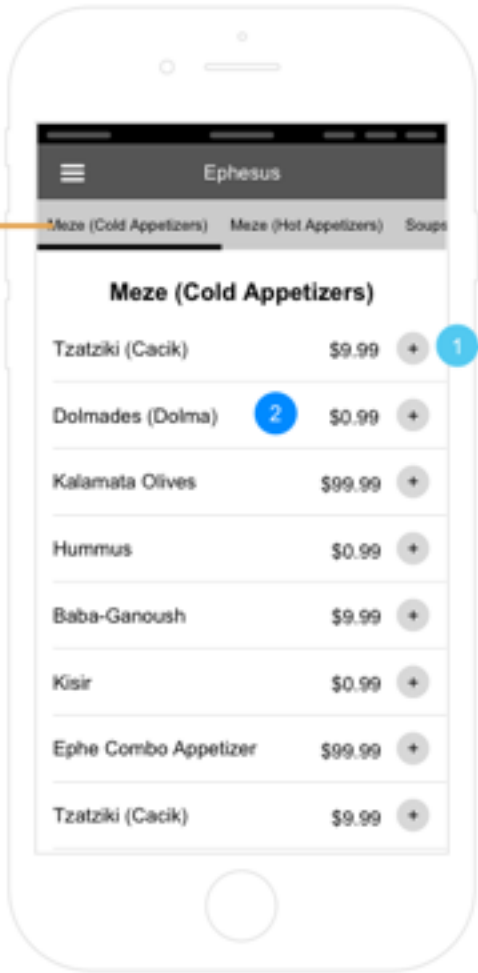
# → Dismiss/remove the previous view.
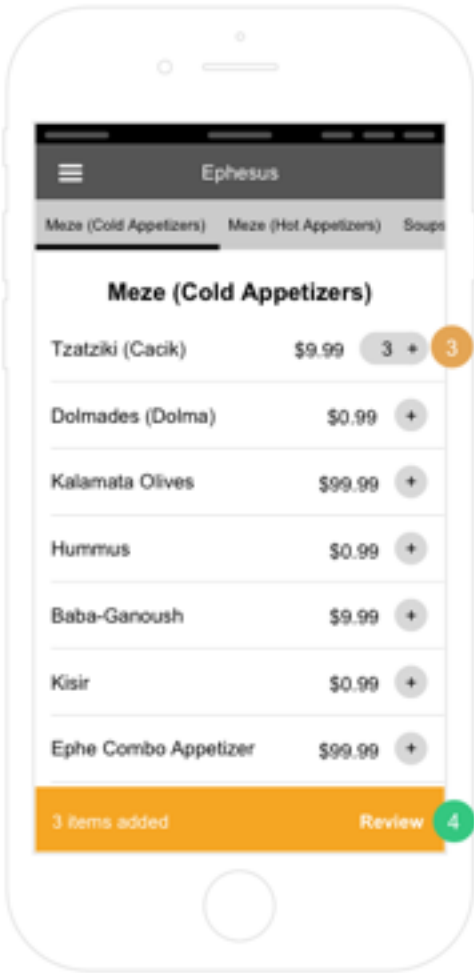
# → State change within same view

# — UI Information

# Menu

**Screen 1:**

Ephesus

Meze (Cold Appetizers)  Meze (Hot Appetizers)  Soups

**Meze (Cold Appetizers)**

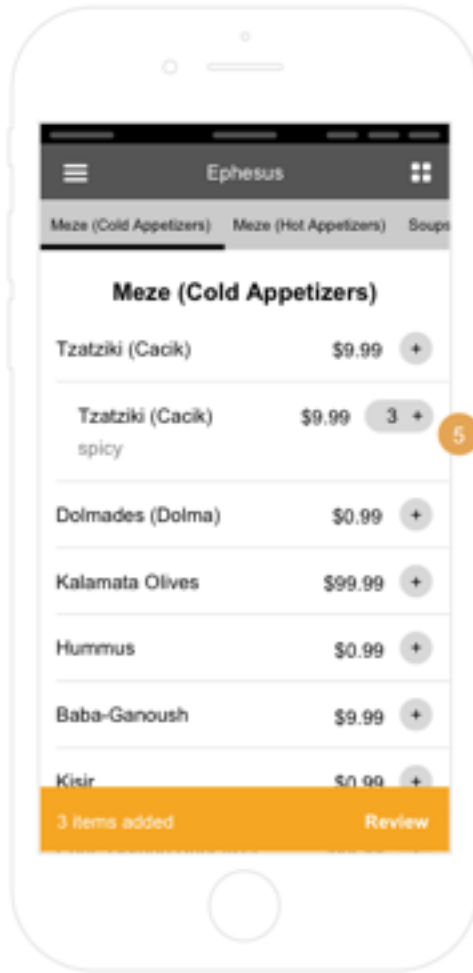| Tzatziki (Cacik) | $9.99 | + |
| Dolmades (Dolma) | $0.99 | + |
| Kalamata Olives | $99.99 | + |
| Hummus | $0.99 | + |
| Baba-Ganoush | $9.99 | + |
| Kisir | $0.99 | + |
| Ephe Combo Appetizer | $99.99 | + |
| Tzatziki (Cacik) | $9.99 | + |

View: **Menu**
State: **Default menu list**

1 Tapping "+" increases quantity and adds to table.

2 Tapping on dish goes to Dish Detail.

**Screen 2:**

Ephesus

Meze (Cold Appetizers)  Meze (Hot Appetizers)  Soups

**Meze (Cold Appetizers)**

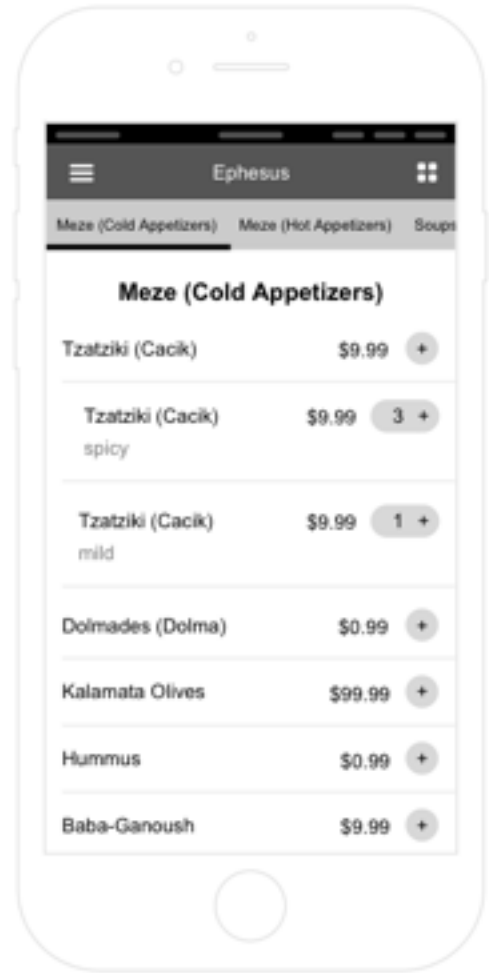| Tzatziki (Cacik) | $9.99 | 3 + |
| Dolmades (Dolma) | $0.99 | + |
| Kalamata Olives | $99.99 | + |
| Hummus | $0.99 | + |
| Baba-Ganoush | $9.99 | + |
| Kisir | $0.99 | + |
| Ephe Combo Appetizer | $99.99 | + |

3 items added       Review

View: **Menu**
State: **Quantity changed**

3 Quantity amount is shown next to "+" button.

4 Tapping on "Review" takes you to Table view.

**Screen 3:**

Ephesus

Meze (Cold Appetizers)  Meze (Hot Appetizers)  Soups

**Meze (Cold Appetizers)**

| Tzatziki (Cacik) | $9.99 | + |
| Tzatziki (Cacik) spicy | $9.99 | 3 + |
| Dolmades (Dolma) | $0.99 | + |
| Kalamata Olives | $99.99 | + |
| Hummus | $0.99 | + |
| Baba-Ganoush | $9.99 | + |
| Kisir | $0.99 | + |

3 items added       Review

View: **Menu**
State: **Dish with instructions added**

5 When you add a dish with notes, and when you return to the Menu, the dish item with the notes should be shown under the original.
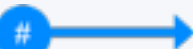
**Screen 4:**

Ephesus

Meze (Cold Appetizers)  Meze (Hot Appetizers)  Soups

**Meze (Cold Appetizers)**

| Tzatziki (Cacik) | $9.99 | + |
| Tzatziki (Cacik) spicy | $9.99 | 3 |
| Tzatziki (Cacik) mild | $9.99 | 1 |
| Dolmades (Dolma) | $0.99 | + |
| Kalamata Olives | $99.99 | + |
| Hummus | $0.99 | + |
| Baba-Ganoush | $9.99 | + |

View: **Menu**
State: **Multiple dishes with instructions added**
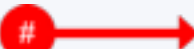
**Legend:**

# → Replace the previous view with the new view.

# → Put the new view on top of the previous view.
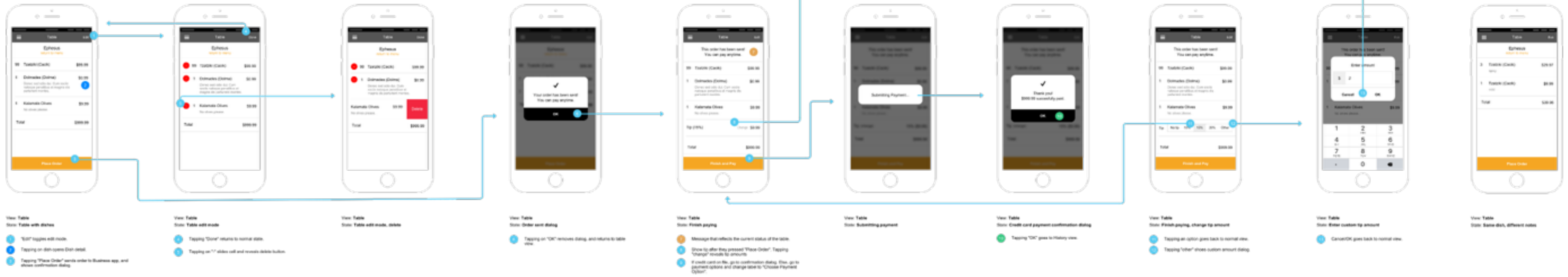
# → Dismiss/remove the previous view.

# → State change within same view

# — UI Information

**Table**



View: **Table**
State: **Table with dishes**

- "Edit" toggles edit mode.
- Tapping on dish opens Dish detail.
- Tapping "Place Order" sends order to Business app, and shows confirmation dialog.

View: **Table**
State: **Table edit mode**

- Tapping "Done" returns to normal state.
- Tapping on "-" slides cell and reveals delete button.

View: **Table**
State: **Table edit mode, delete**

- Tapping on "OK" removes dialog, and returns to table view.

View: **Table**
State: **Order sent dialog**

- Tapping on "OK" removes dialog, and returns to table view.

View: **Table**
State: **Finish paying**

- Message that reflects the current status of the table.
- Show tip after they pressed "Place Order". Tapping "change" reveals tip amount.
- If credit card on file, go to confirmation dialog. Else, go to payment options and change label to "Choose Payment Option".

View: **Table**
State: **Submitting payment**

View: **Table**
State: **Credit card payment confirmation dialog.**

- Tapping "OK" goes to History view.

View: **Table**
State: **Finish paying, change tip amount**

- Tapping an option goes back to normal view.
- Tapping "other" shows custom amount dialog.

View: **Table**
State: **Enter custom tip amount**

- Cancel/OK goes back to normal view.

View: **Table**
State: **Same dish, different notes**

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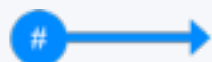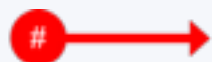| # | Replace the previous view with the new view. | # | Put the new view on top of the previous view. | # | Dismiss/remove the previous view. | # | State change within same view | # | UI Information |

# Dish details



**View:** **Dish detail**
**State:** **No dish added**

① back button return you to the previous view.

② "+" and "-" buttons for dish quantity

**View:** **Dish detail**
**State:** **Quantity added**

③ Tapping "special instructions" area shows instructions view.

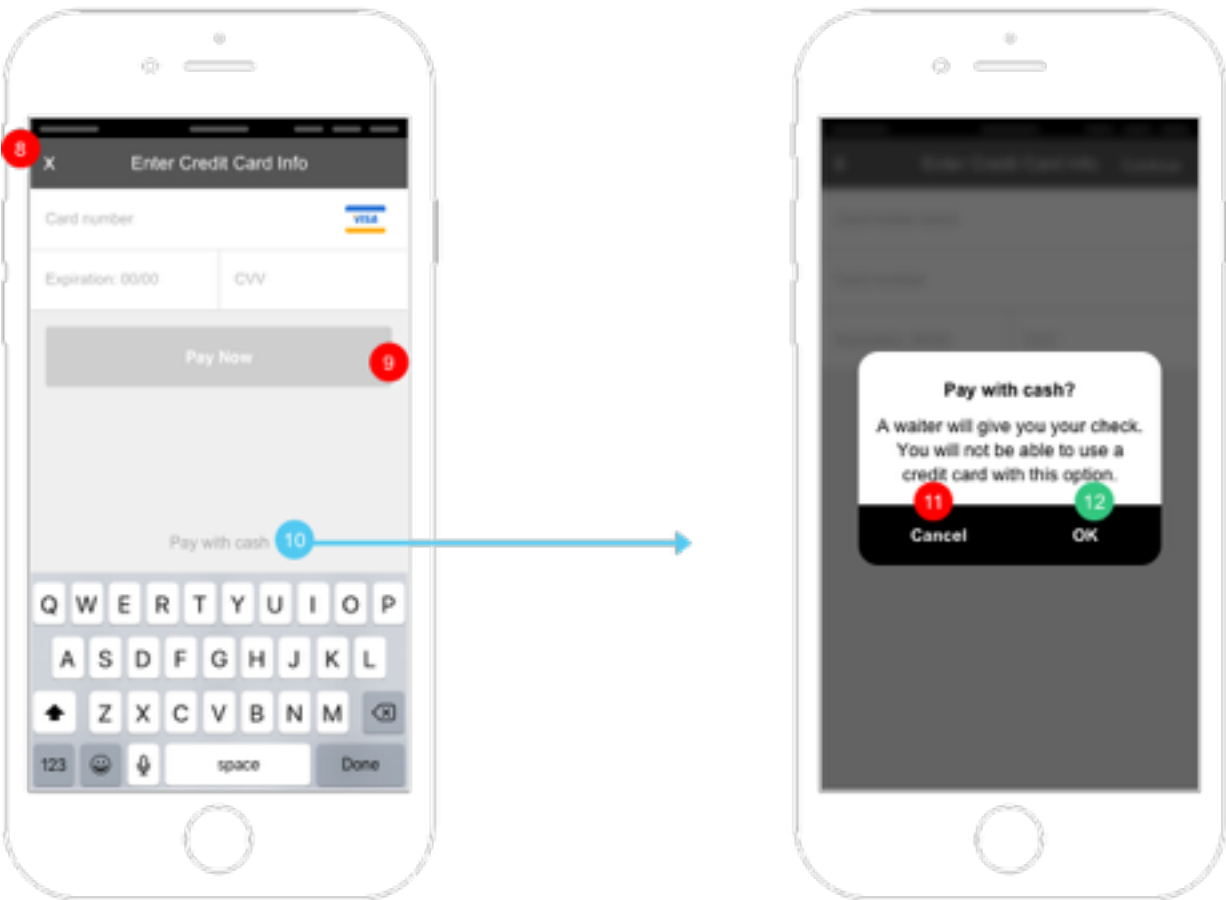④ When a dish is added, show the "Review" button. Tapping it goes to Table view.

**View:** **Special Instructions**
**State:** **Instructions added**

**View:** **Dish detail**
**State:** **Quantity added**

⑤ If a dish has already been added, snd you make changes to the dish, show the "Update table" button.

**View:** **Dish detail**
**State:** **No photo**

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⑧ → Replace the previous view with the new view.

⑧ → Put the new view on top of the previous view.

⑧ → Dismiss/remove the previous view.

⑧ → State change within same view

⑧ — UI Information

# Payment Options



**View: Payment Options**
**State: No credit card available**

8 — "x" button takes you to previous view.

9 — Tapping "Pay" takes you to Table view, submitting payment state.

10 — Tapping "Pay with cash", opens confirmation dialog.

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**Pay with cash?**
A waiter will give you your check. You will not be able to use a credit card with this option.

Cancel | OK

**View: Payment Options**
**State: Cash confirmation dialog**

11 — "Cancel" removes dialog.

12 — "OK" goes to history view.

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# Add Credit Card

**View: Add Credit Card**
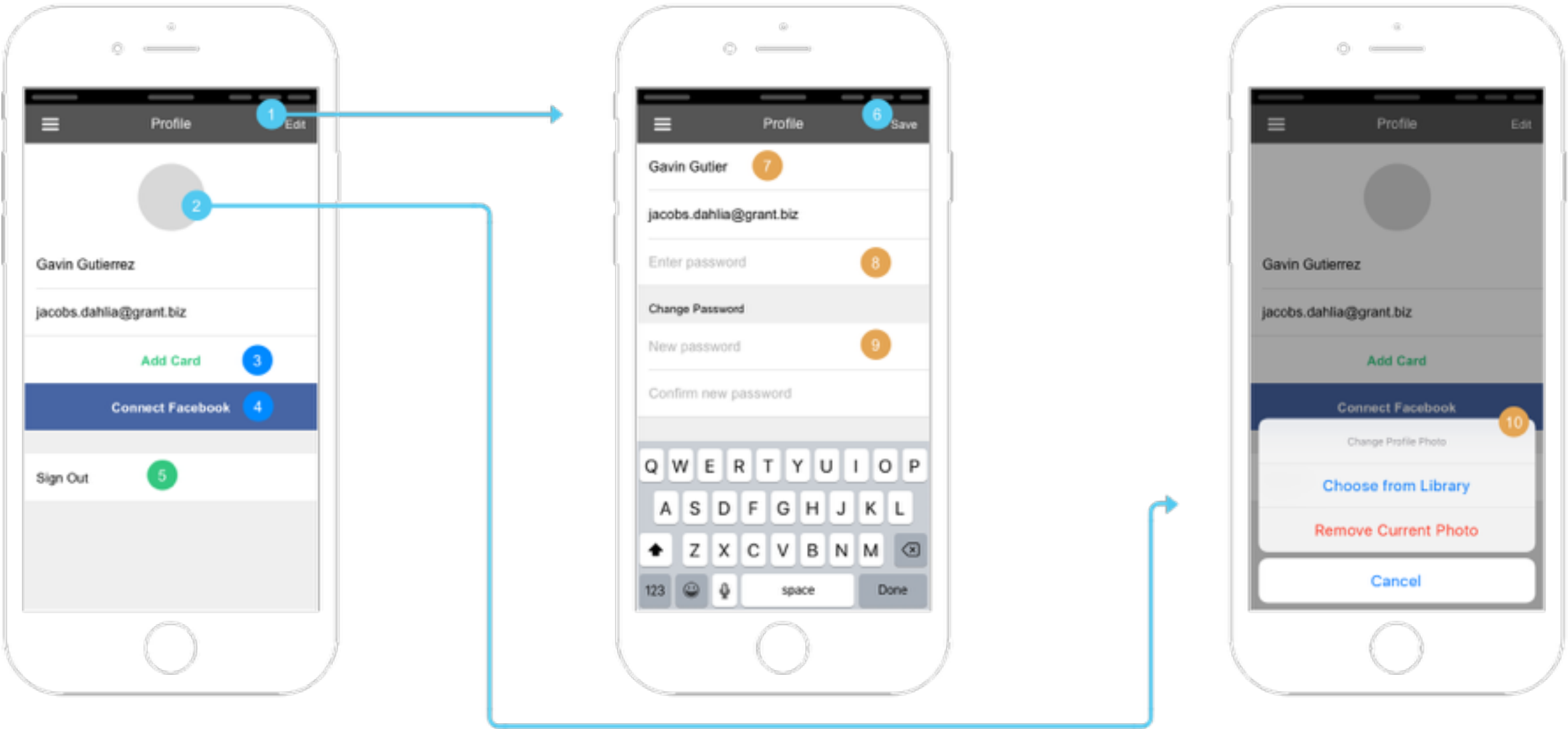**State: Fields empty**

1 — "x" button goes to previous view.

2 — Name field has text keyboard, everything else uses numeric keyboard.

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**View: Add Credit Card**
**State: Fields filled**

3 — Activate "Add Card" if all fields are correct. Tapping "Add Card" goes to previous view. If you came from the Table order status, go to the Table view.

4 — Show credit card image depending on what card they have.

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**View: Add Credit Card**
**State: Numeric keyboard**

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| | |
|---|---|
| # → Replace the previous view with the new view. | # → Put the new view on top of the previous view. |
| # → Dismiss/remove the previous view. | # → State change within same view |
| # — UI Information | |

# Profile



View: **Profile**

State: **No credit card added, no facebook connected**

1. "Edit" button triggers edit mode.

2. Tapping on profile picture opens options menu.

3. "Add card" goes to Add Credit Card view. Only show is user has not added card.

4. "Connect Facebook" opens fb login. Only show if user has not connected FB.
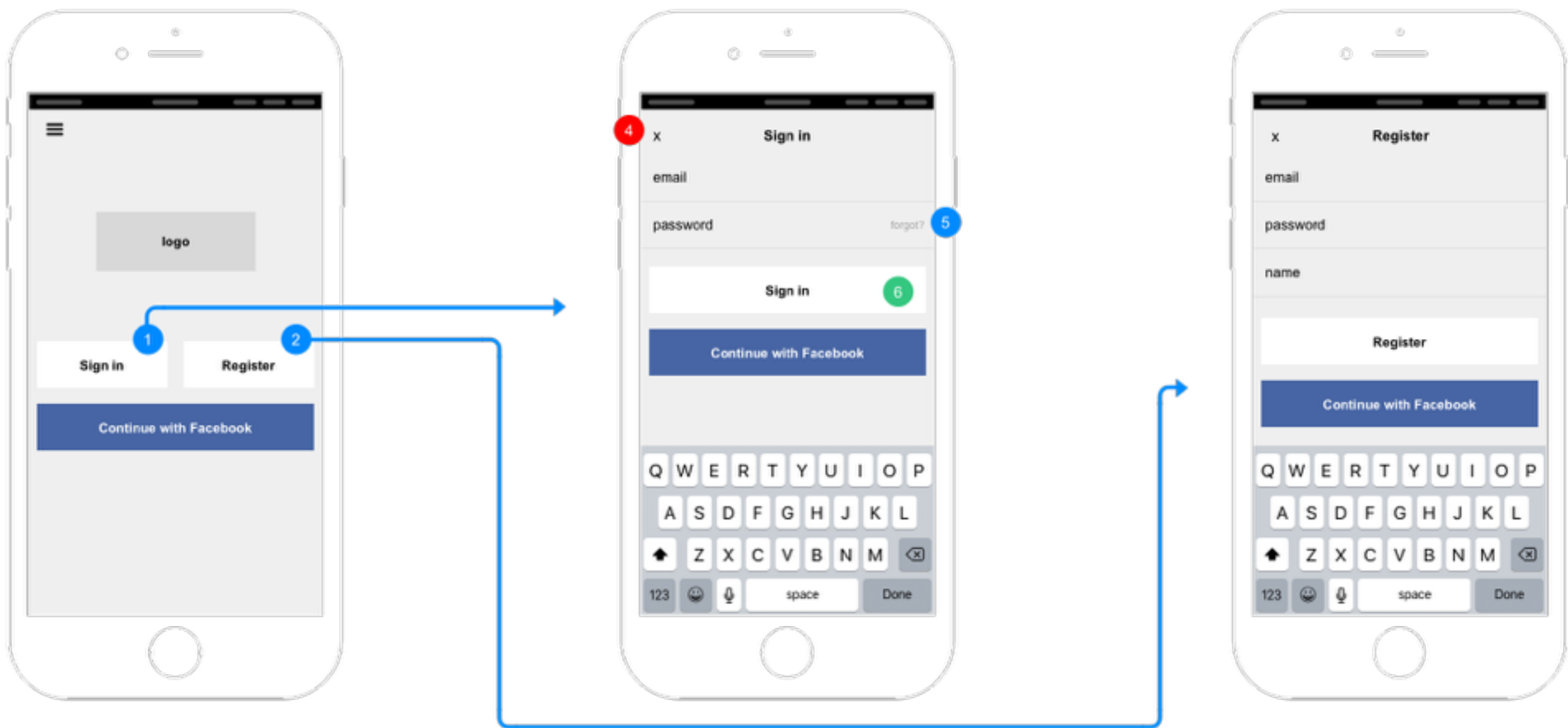
5. "Sign out" goes to Sign in/Register view.

View: **Profile**

State: **Edit mode**

6. "Save" goes back to default state. Activate "save" when all fields are filled.

7. Activate text field for Name.

8. Show password field, password must match in order to save changes. Hide fields that cannot be edited (i.e. change password, add card, connect fb, sign out).

9. Show "Change password" section on edit mode.

View: **Profile**

State: **Profile photo menu options**

10. Menu options: Take Photo, Choose from Library, Remove Current Photo, Cancel.

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# | Replace the previous view with the new view. | Put the new view on top of the previous view. | Dismiss/remove the previous view. | State change within same view | UI Information

# Sign in/Register



View: **Sign in/Register**
State: **Default**

1  "Sign in" opens the sign in view.

2  "Register" opens register view.

3  "Admin" opens admin view.

View: **Sign in/Register**
State: **Sign in**

3  "x" closes this view, and returns to default view.

4  "Forgot?" goes to Password view (recover password state)

5  "Sign in/Register" goes to QR scanner if not scanned, or Menu if scanned.

View: **Sign in/Register**
State: **Register**

Replace the previous view with the new view.

Put the new view on top of the previous view.
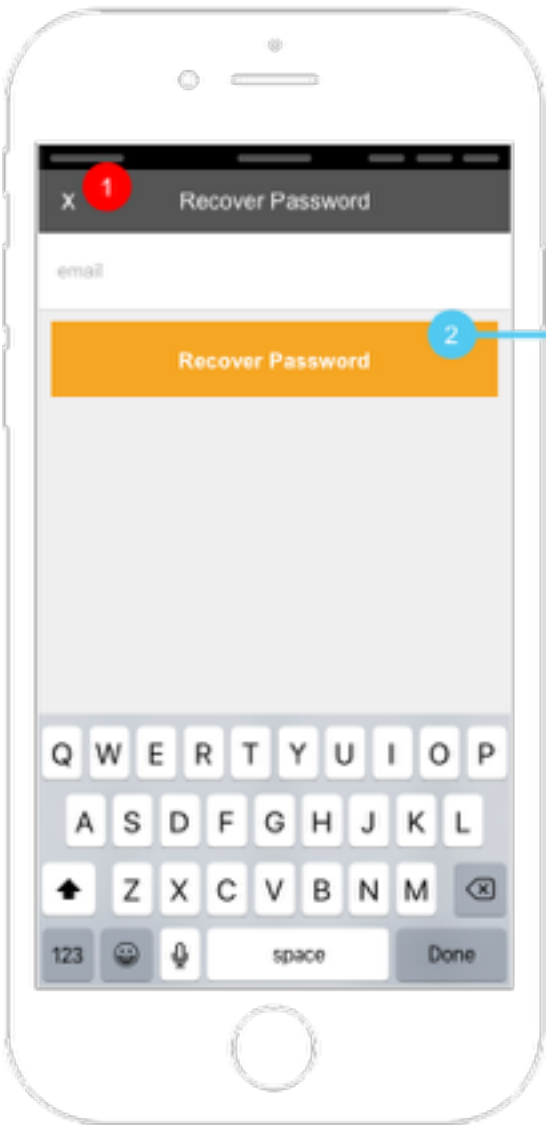
Dismiss/remove the previous view.

State change within same view

UI Information

# Password

# Order History



**Password screen annotations:**
- x Recover Password
- email
- Recover Password

**Recover password confirmation:**
- ✓
- An email has been sent to jacobs.dahlia@grant.biz
- OK

**Order History screen:**

| Restaurant A | | Jul 6, 2016 |
| --- | --- | --- |
| 99 | Tzatziki (Cacik) | $99.99 |
| 1 | Dolmades (Dolma) | $0.99 |
| 1 | Kalamata Olives | $9.99 |
| Tip | | $9.99 |
| **Total** | | **$999.99** |
| Restaurant B | | Jul 3, 2016 |
| 1 | Dolmades (Dolma) | $0.99 |
| Tip | | $0.00 |
| **Total** | | **$0.99** |

List header

List

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View: **Password**
State: **Recover password**

① "x" button goes to previous view.

② "Recover password" shows confirmation dialog.
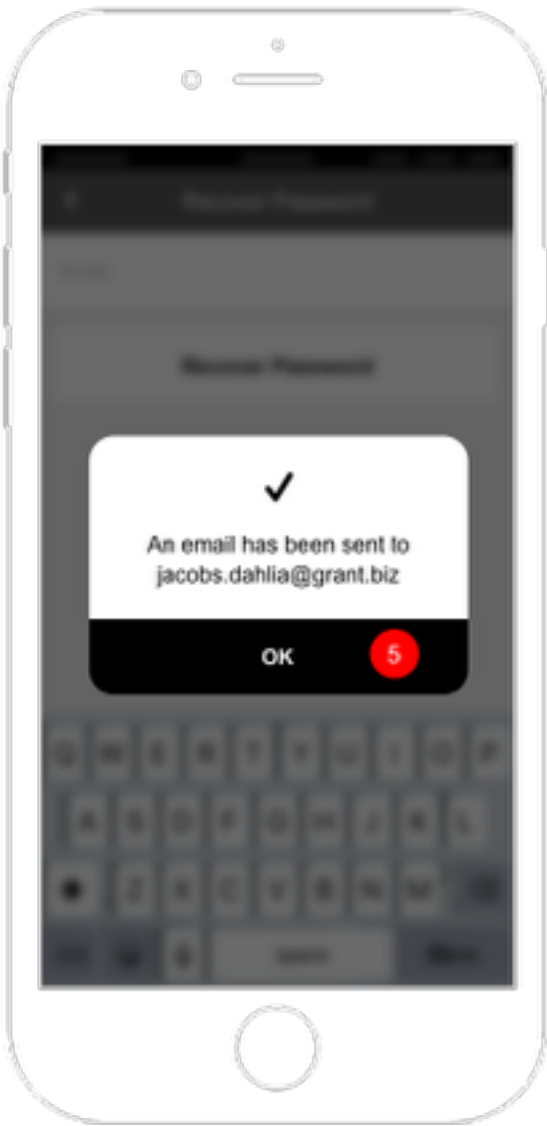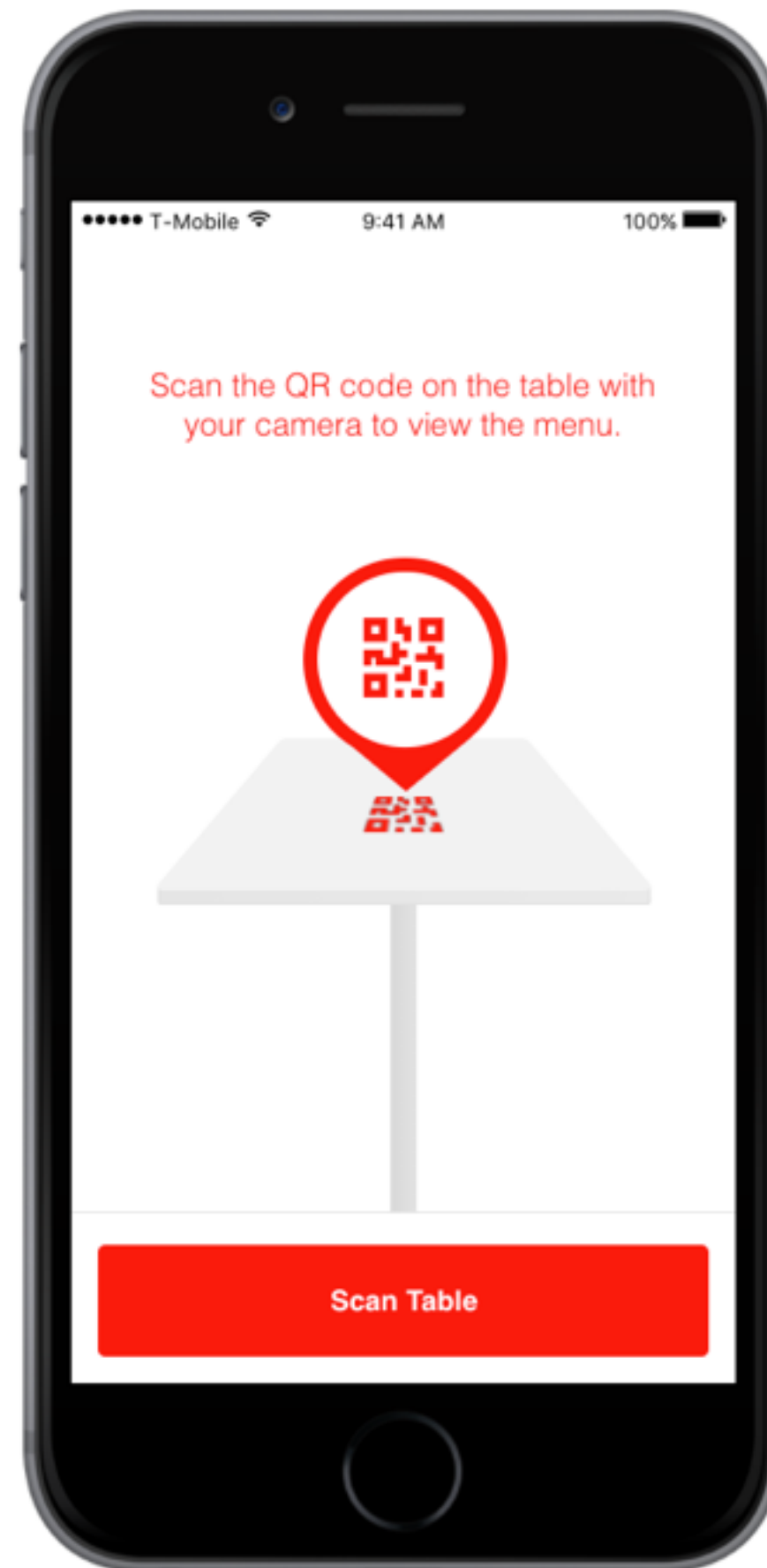
View: **Recover password**
State: **Forgot password**

⑤ "OK" goes to previous view.

View: **Order History**
State: **Default**

---

# Replace the previous view with the new view.

# Put the new view on top of the previous view.

# Dismiss/remove the previous view.

# State change within same view

# UI Information