

Splitting Bills at Restaurants

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PayR

- ▶ PayR is an iPhone app which aids restaurant goers in splitting bills. PayR is designed with the needs of customers and restaurant staff in mind.



Personas

Joe

tech-savvy college student



Liz

young professional



Tom

middle-aged businessman



Maria

cost conscious mother



Jacqueline

world traveler

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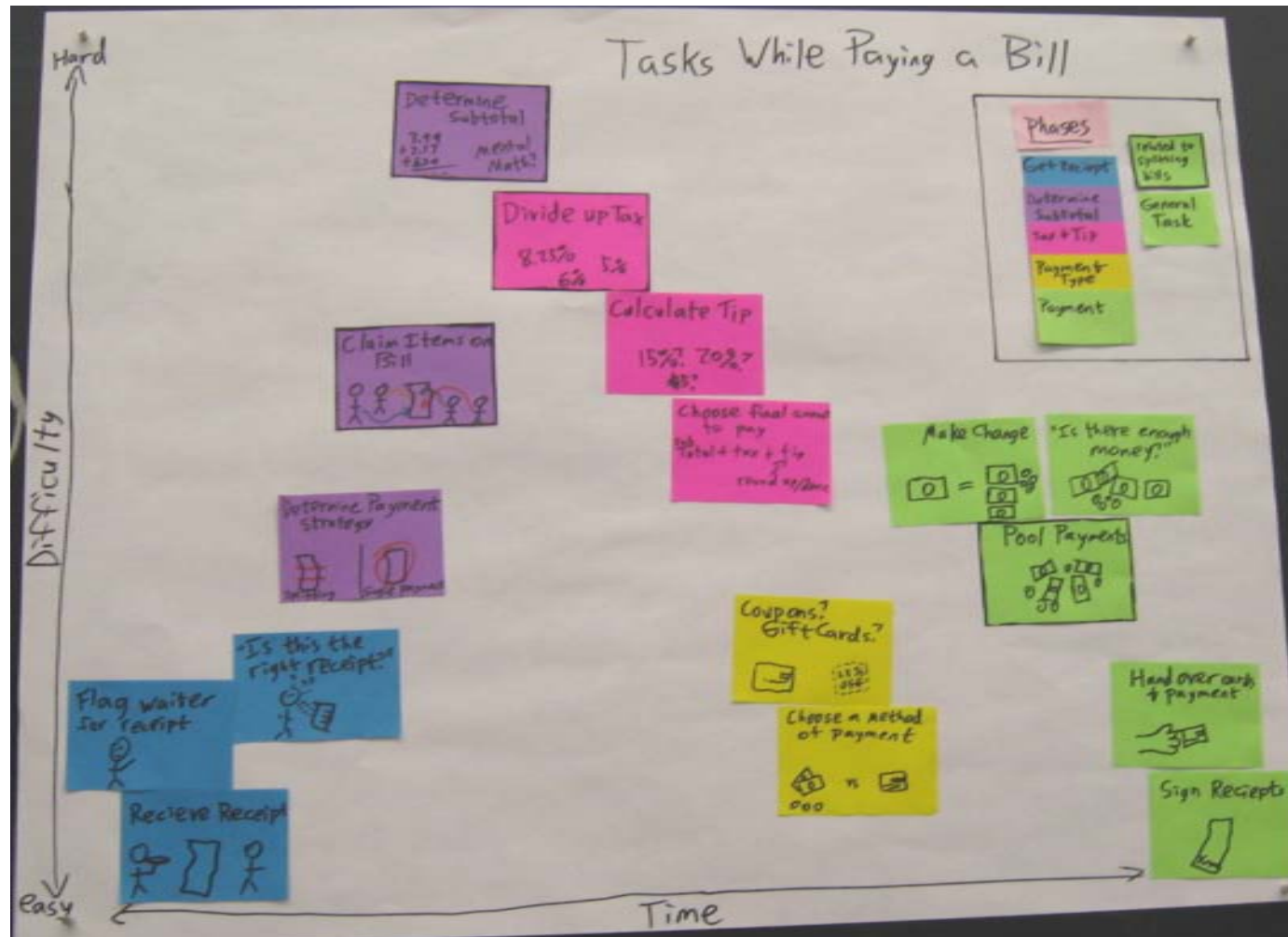
cost conscious mother



Jacqueline

world traveler

Analyzing a Meal



Get
Receipt

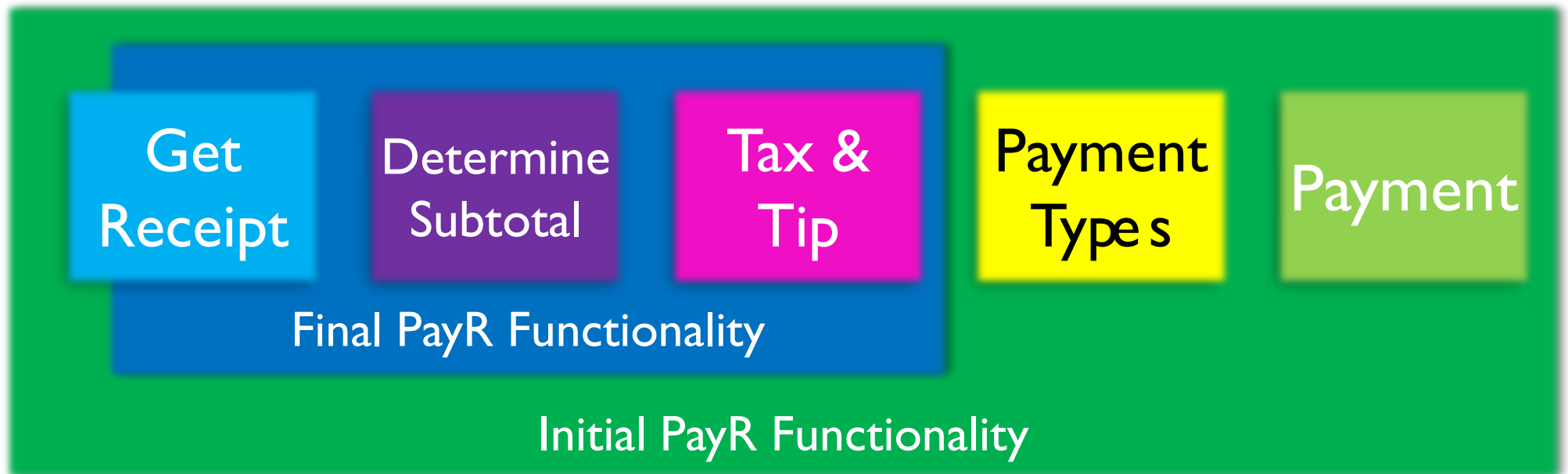
Determine
Subtotal

Tax &
Tip

Payment
Types

Payment

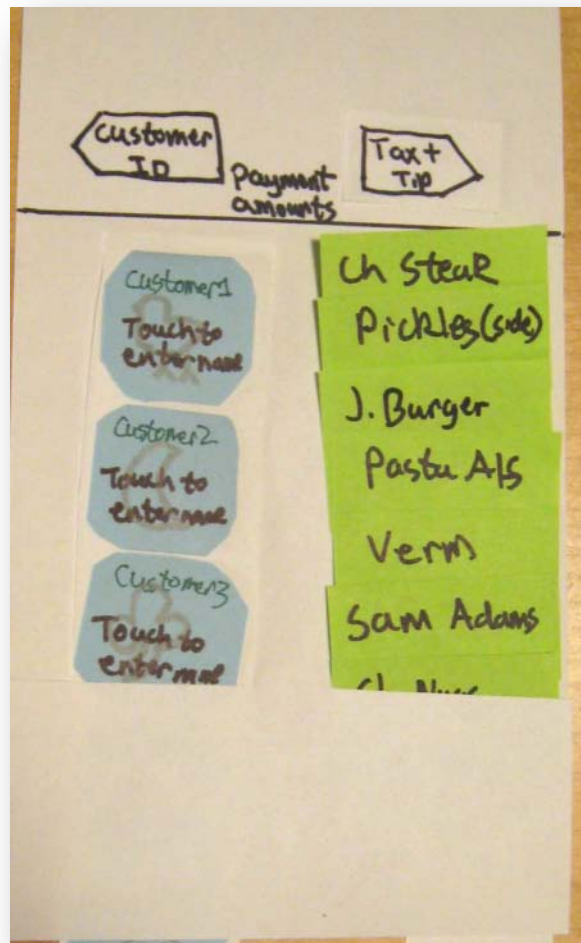
Purpose and Functionality



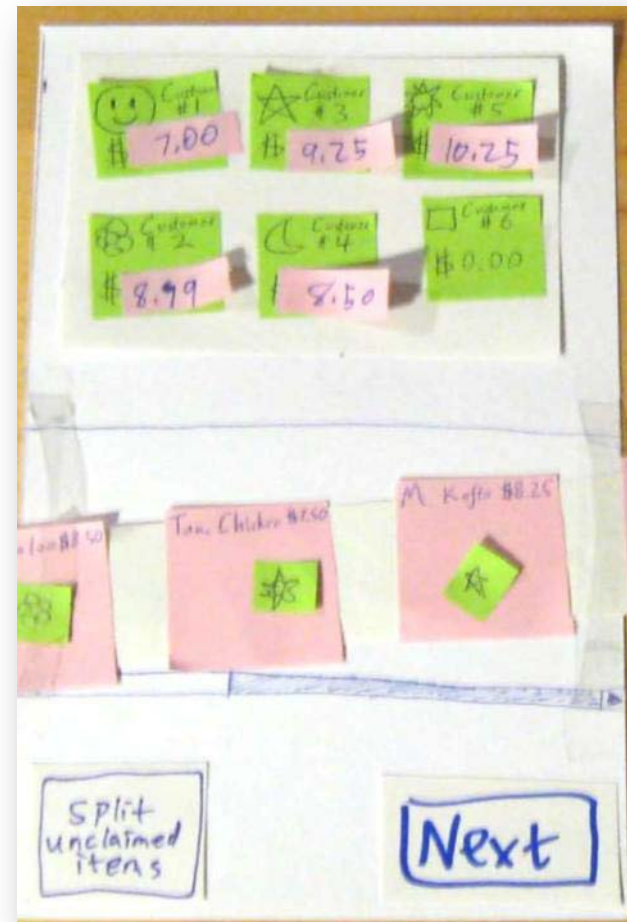
Lesson: Scope the focus area appropriately



Initial Conceptual Models

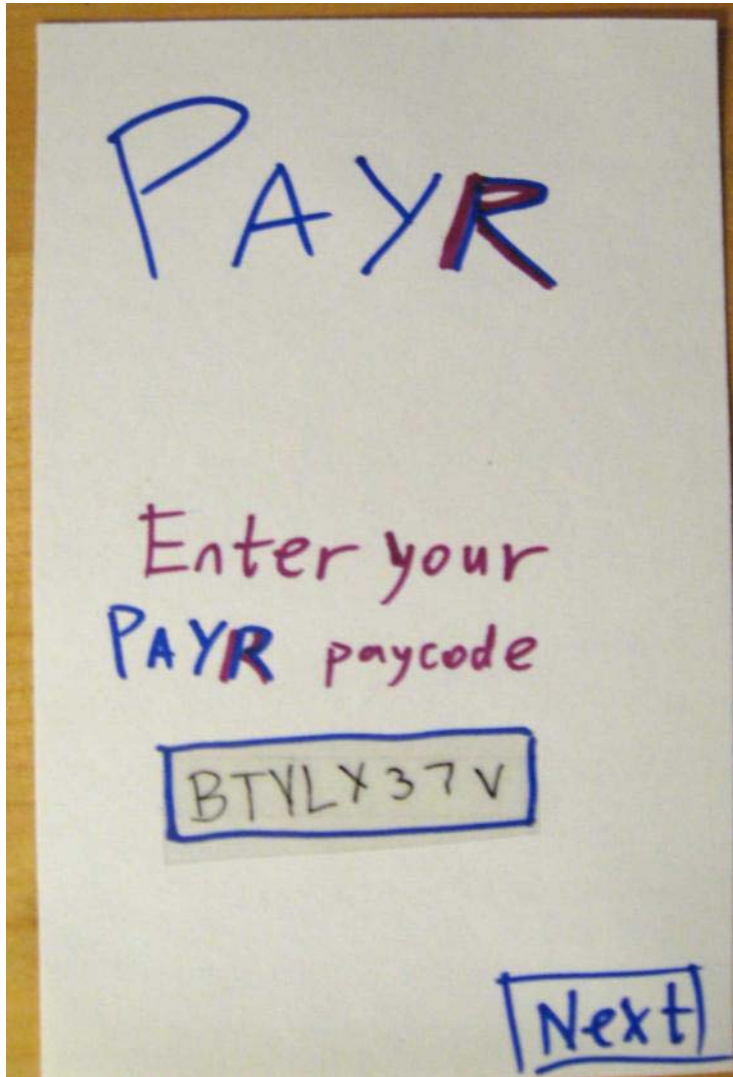


“Drag Food to People”



“Drag People to Food”

Initial Paper Prototypes

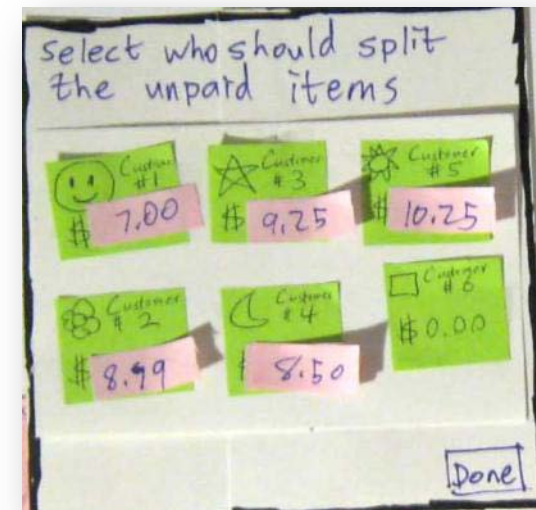
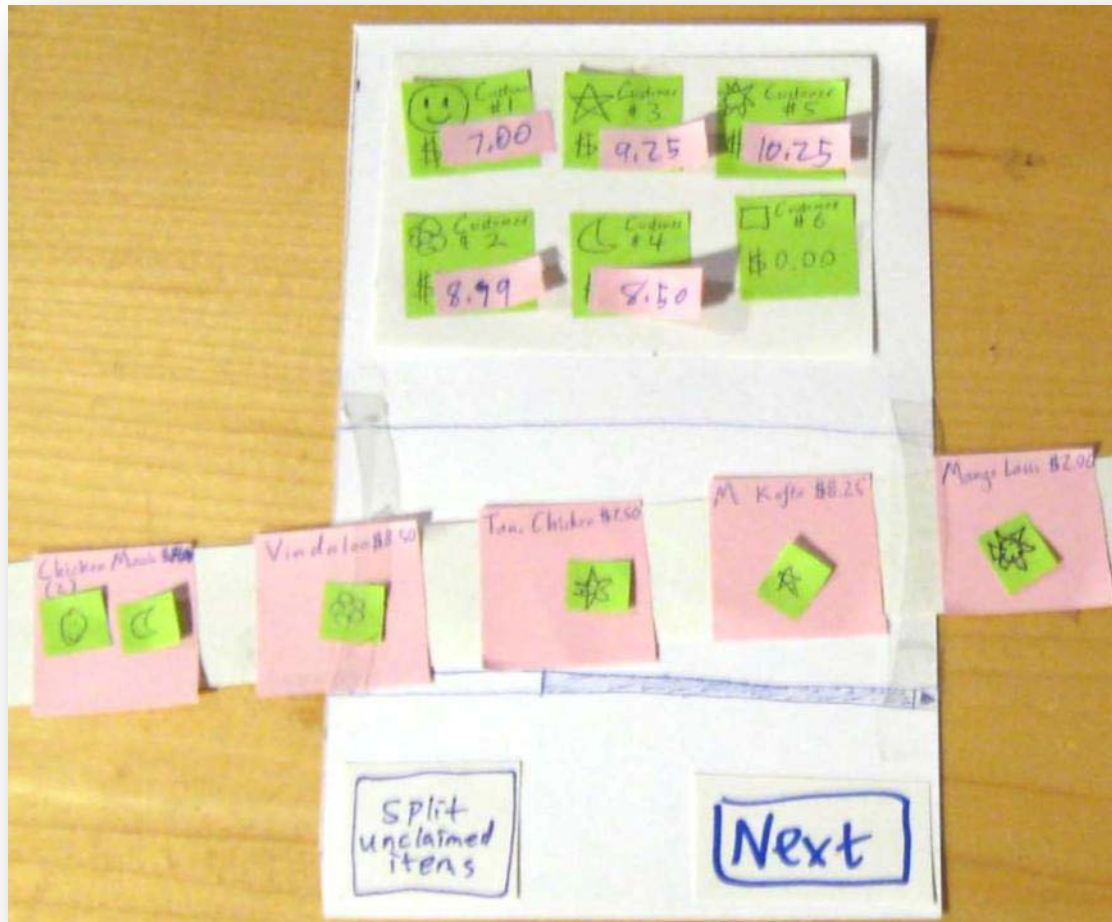


Lesson: Arbitrary design decisions are sometimes very poor (i.e. a PayCode with letters and numbers)

Identify your Receipt



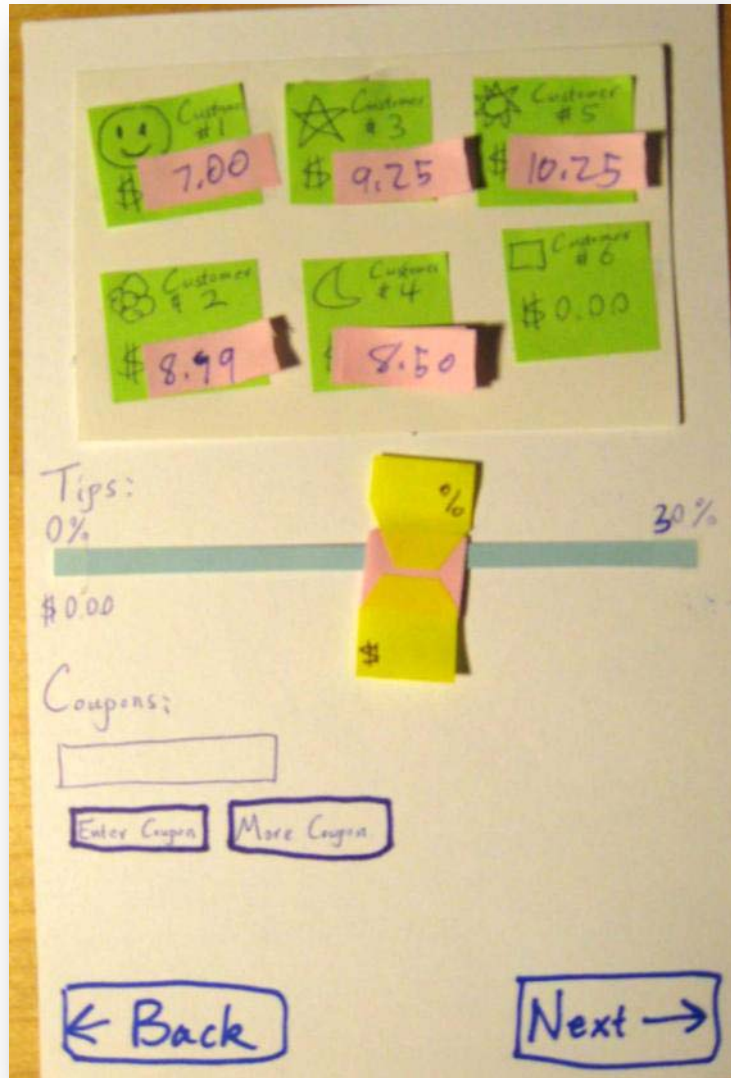
Initial Paper Prototypes



An attempt at a “Fast Interface”

Divide up Dishes

Initial Paper Prototypes

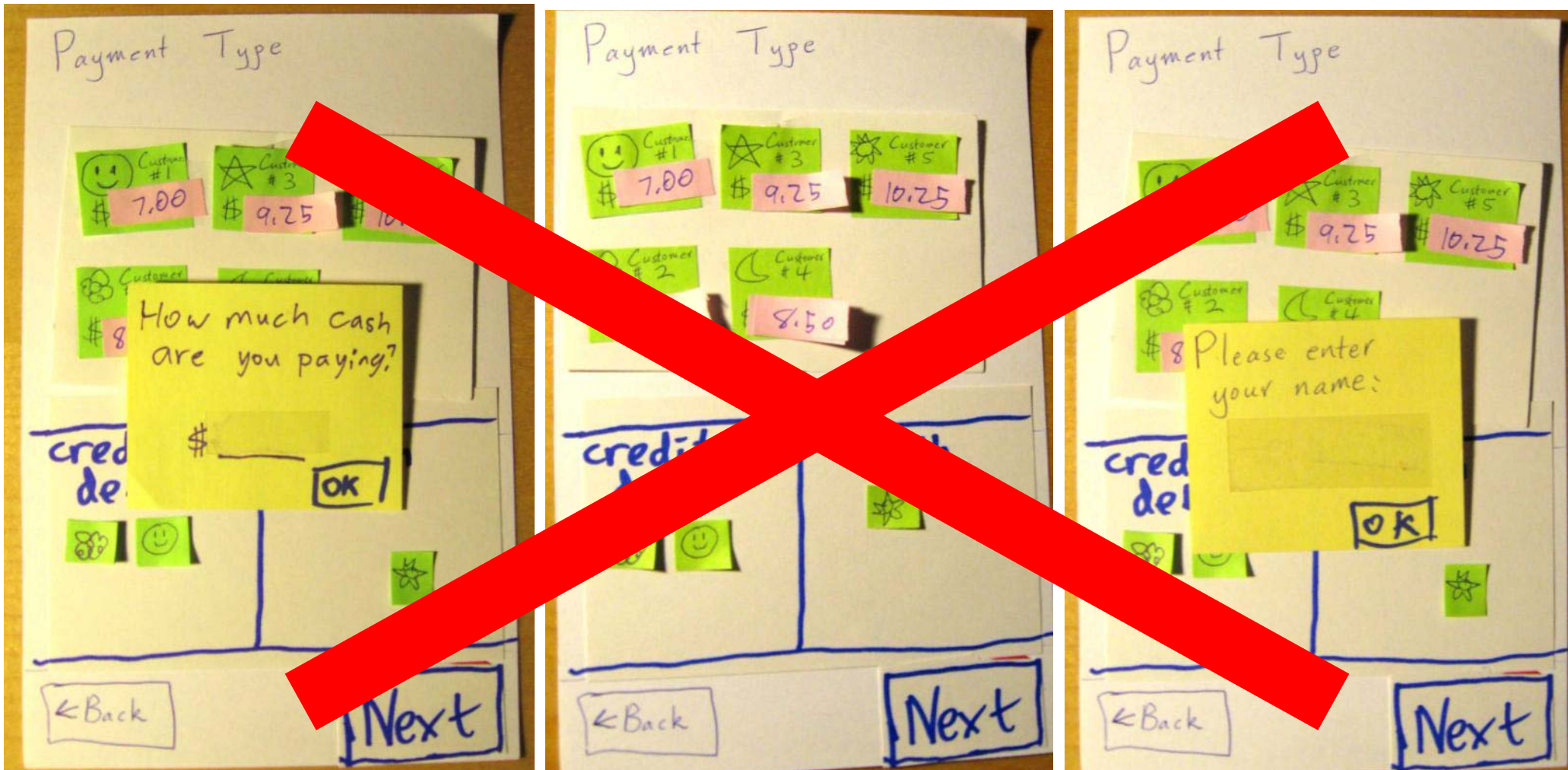


Consistent Layout

An interface which matches the type of data

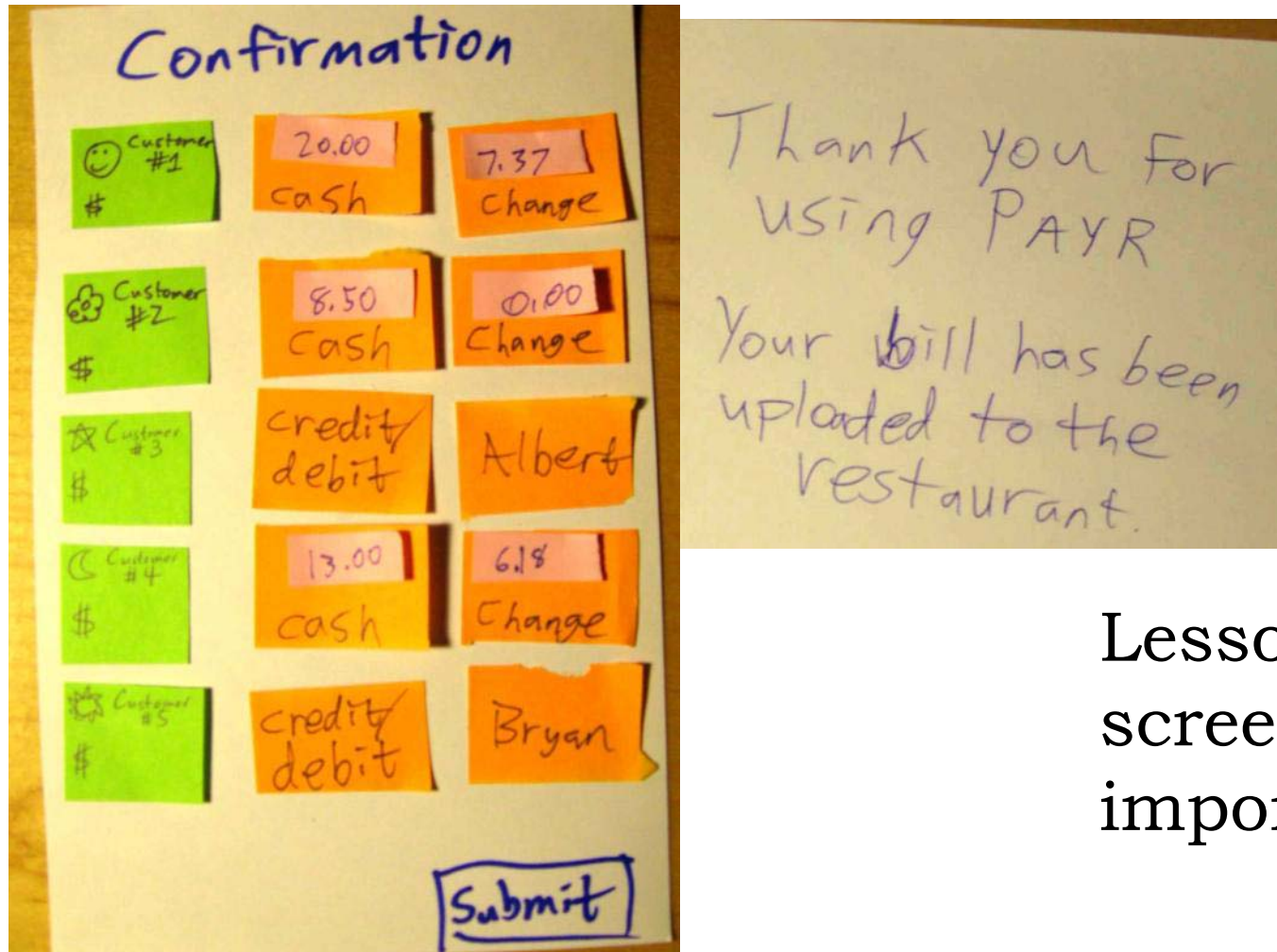
Calculate Tip

Initial Paper Prototypes



Select Payment Methods

Initial Paper Prototypes



Lesson: Confirmation screens are very important to users!

Confirmation Screen

Added Features

Is this your receipt?

| | |
|------------------|--------|
| Chicken Masala | \$7.00 |
| Vindaloo | \$8.50 |
| Tandoori Chicken | \$7.50 |
| Chicken Masala | \$7.00 |
| Malai Kofta | \$8.25 |
| Mango Lassi | \$2.00 |
| Sam Adams Beer | \$4.50 |
| Soda | \$1.50 |

| | |
|-------------|---------------|
| Subtotal | \$46.25 |
| Tax (5%) | \$2.31 |
| <hr/> Total | <hr/> \$48.56 |

Re-enter paycode

Split by items

Split all evenly

Receipt Confirmation

Split all items evenly

Subtotal: 48.56

Tip: %

Total: 62.75

of customers

Amount per customer:
\$13.79

Receipt confirm

Reset screen

Payment assigned

Express Option

Refined Prototype

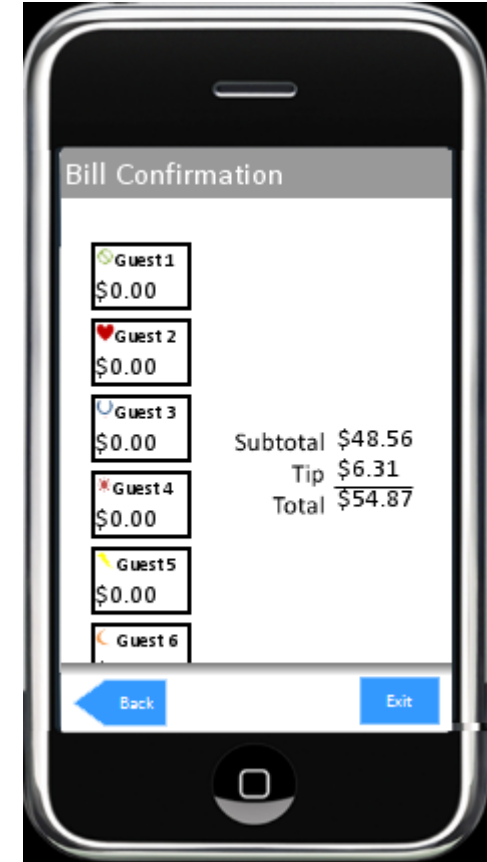
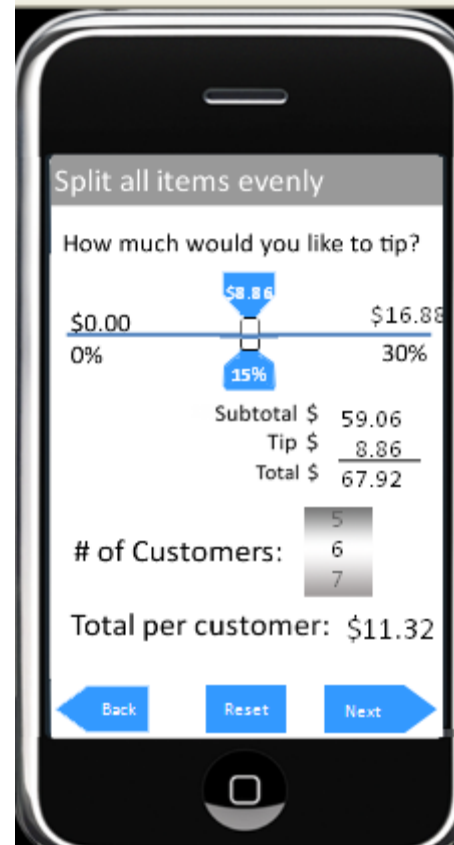
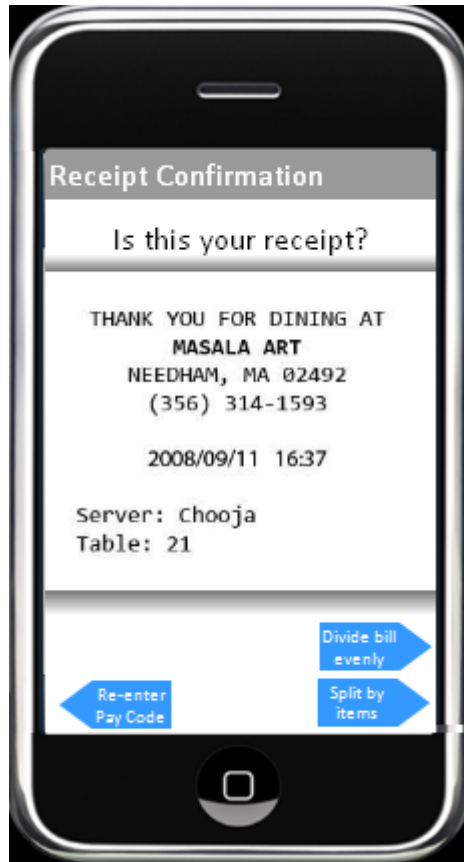


Lesson: Design decisions are easier to implement before a high fidelity version.

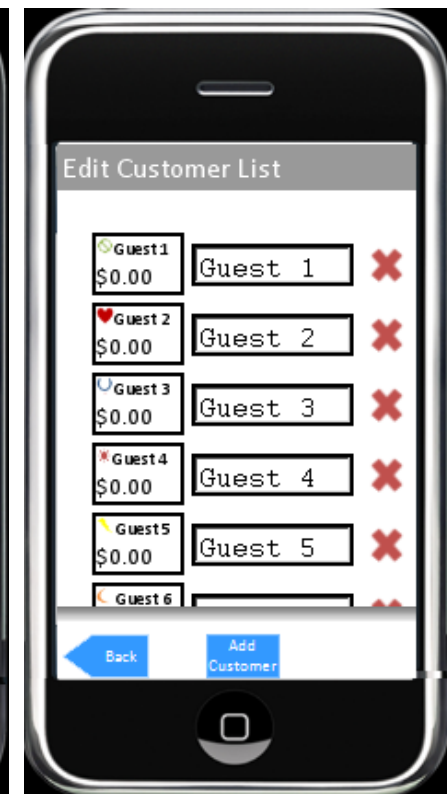
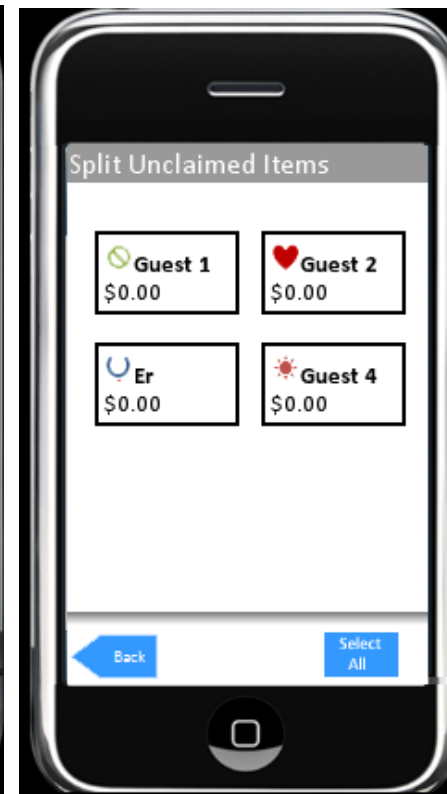
Lesson: Paper prototyping, for better or worse, allows you to overlook important details (i.e. dragging)



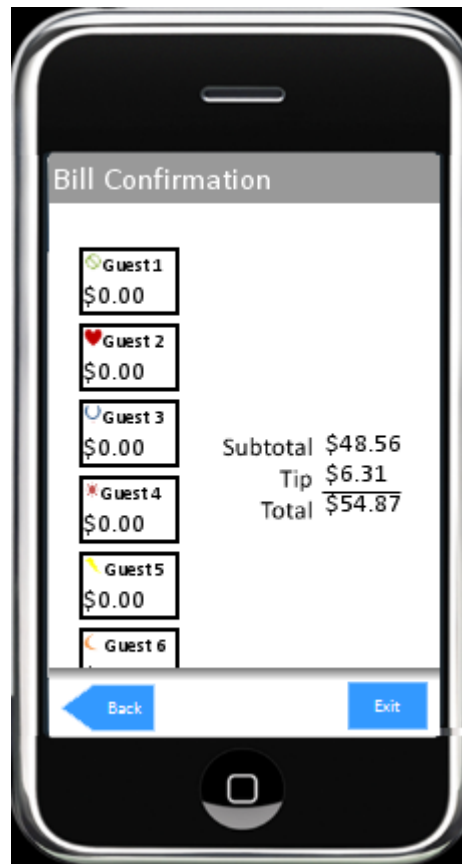
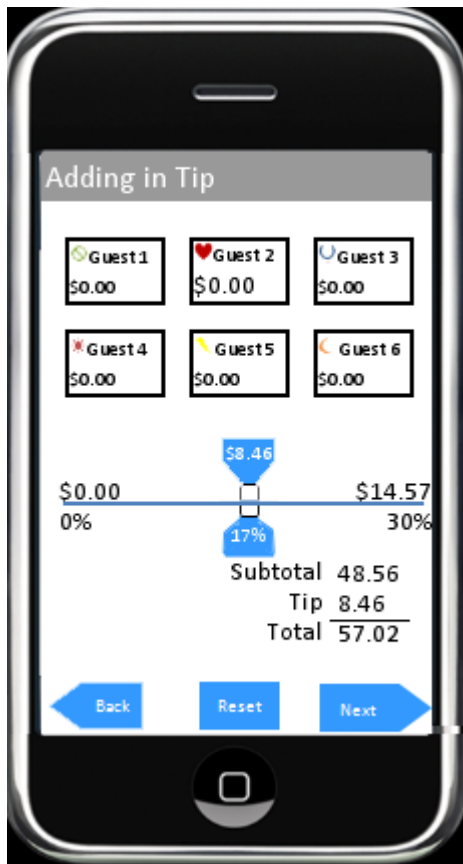
Express Option



Split by Item Option



Tip and Confirmation



► Questions?

