# Case Study Delta Kiosk

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# Existing kiosk: Reservation Search

Check-In

**Itinerary Changes** 

**Employee Needs** 

Baggage Check

# Challenge

Prove Delta's New Brand – move beyond a look and feel and to a promise of innovation, improved ease of use, and respect for the traveler

#### Improve consistency with delta.com

Support global expansion

## Requirements:

Increase non-agent check-in

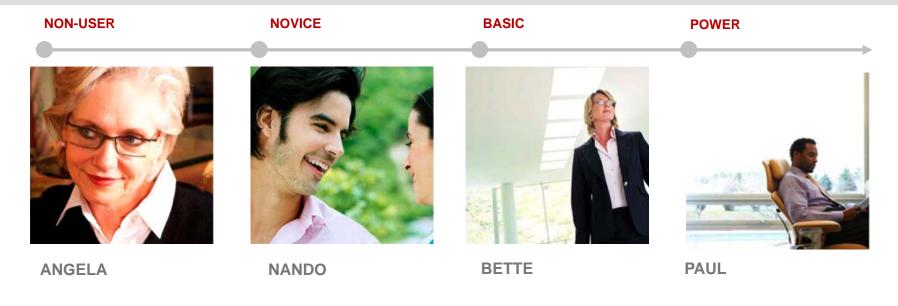
Increase Kiosk approachability

Increase the completion rate of each of the Kiosk functions

Raise Kiosk satisfaction (across expanded language scope)

# **Customer Insight**

Behavior observations and customer interviews led to persona development



"No, I've never tried to use one. I'm not familiar with it and I'd rather deal with a person."

#### I came in the door with my bags looked around—saw the "self check-in" signs and the long lines at the agent, and walked over to it. I never used it before and I did it myself."

"I didn't know you could check bags at the kiosks. Oh, I'll use it when I'm on my own without my baby and just have a carryon. But not today." "I use online for my home airport and kiosks at guest airports. I use online as much as possible, and kiosk after that."

# Interaction Design

### High Level Flow

Provided visual high level view of check-in process

**Focus on key functions** Provided targeted direction to targeted key functions.

Validate Identification

**Retrieve Itinerary** 

Change Itinerary

Check-in

Welcome

**Common Vocabulary** 

Allowed team to understand problem with shared terms

**Guiding principals** 

Keep it simple, 80/20 rule Eliminate, shorten, simplify

#### **Basic Flow**

Detailed level basic flow

Confirmed business rules

Provided detailed information to propose changes

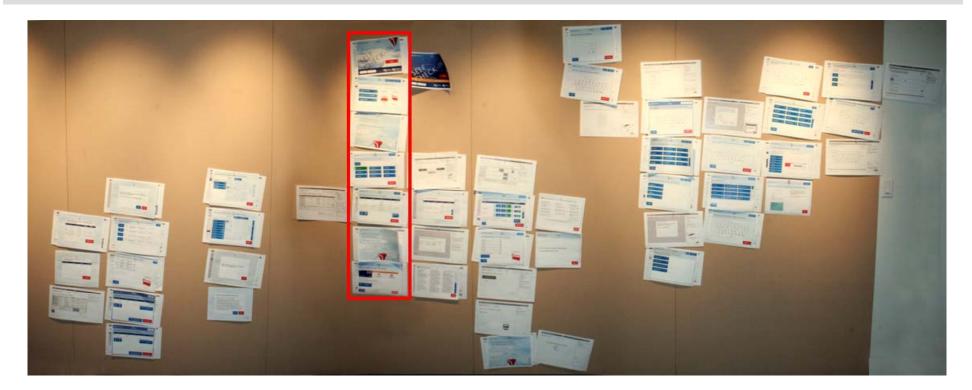
#### **Detailed flows:**

- 1. Start & Identification Validation
- 2. Retrieve Itinerary (Primary Methods)
- 3. Manage Itinerary and Check In
- 4. Change Seats
- 5. Add SkyMiles
- 6. Special Services
- 7. Change Flights
- 8. Upgrade
- 9. International Travel
- 10. Pass (Employee) Travel
- 11. Swipe/Scan Exceptions
- 12. Retrieve Itinerary (Secondary Methods)
- 13. Amenity
- 14. Credit Card Payment

# Interaction Design: the wall

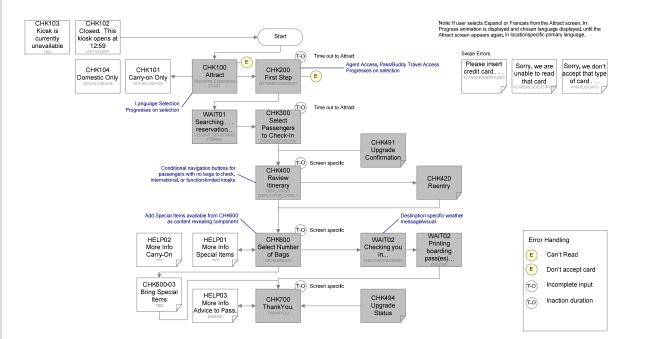
- Provided macro/micro insight into work in progress
- Focus on 'Happy Path'

- Key tool to define templates
- Near food : )

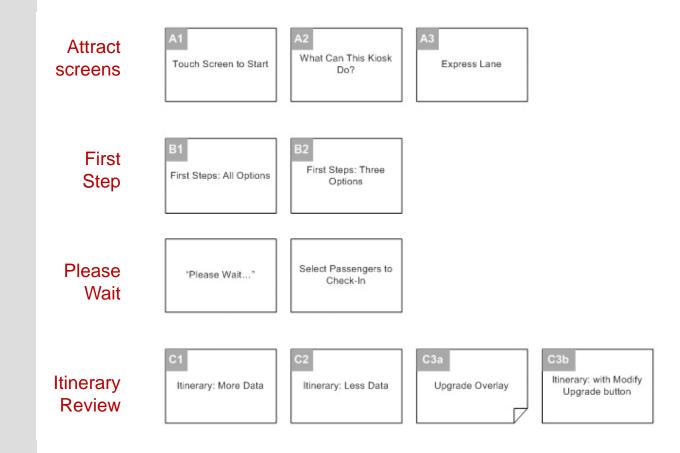


# Interaction Design BASIC FLOW

- Provided detailed level with annotations
- Indicated page types, messaging, and what changed
- **Simple tool,** team members provided detailed feedback early in process



# Targeted screens

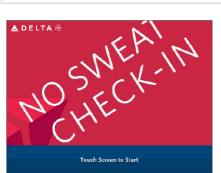


# Attract Screen

IA and creative medley



COULD HAVE
Language selection
Welcome message
What kiosk can do
Find your itinerary
Time of day















## **Off Strategy**











#### Touchable kiosk



Virtual agent



#### Bold and branded



#### Icons

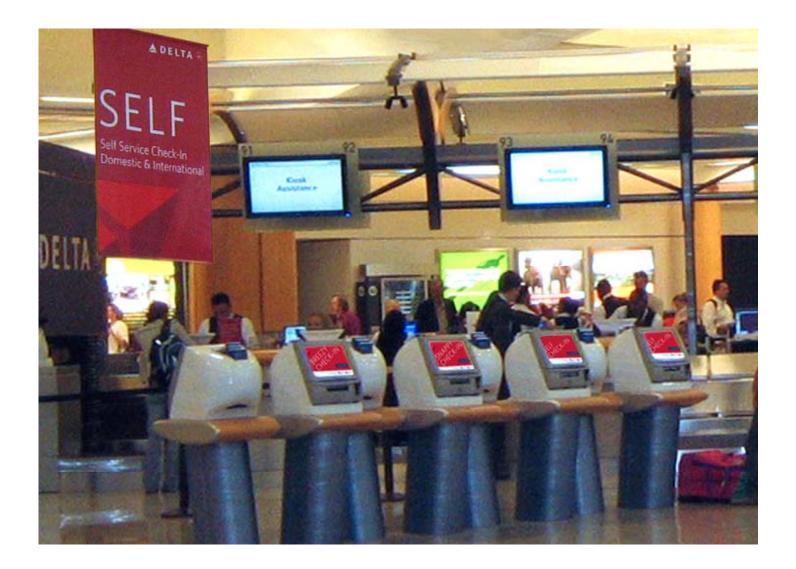


#### Photo icons



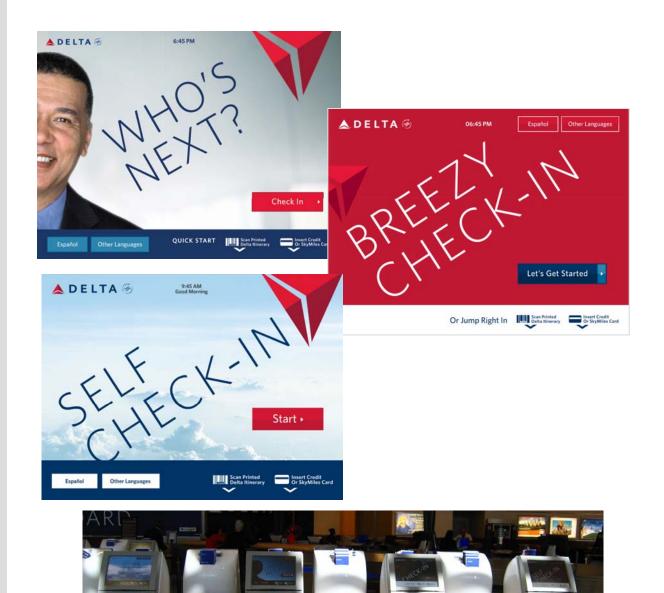
#### Dreaming

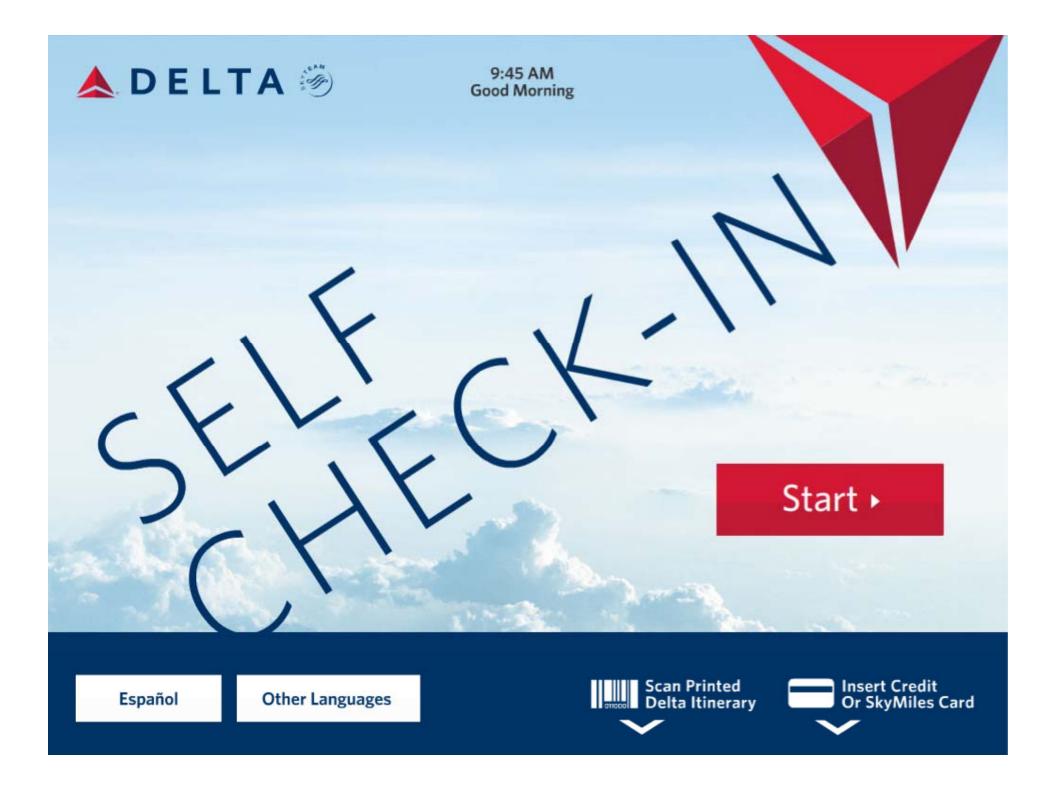


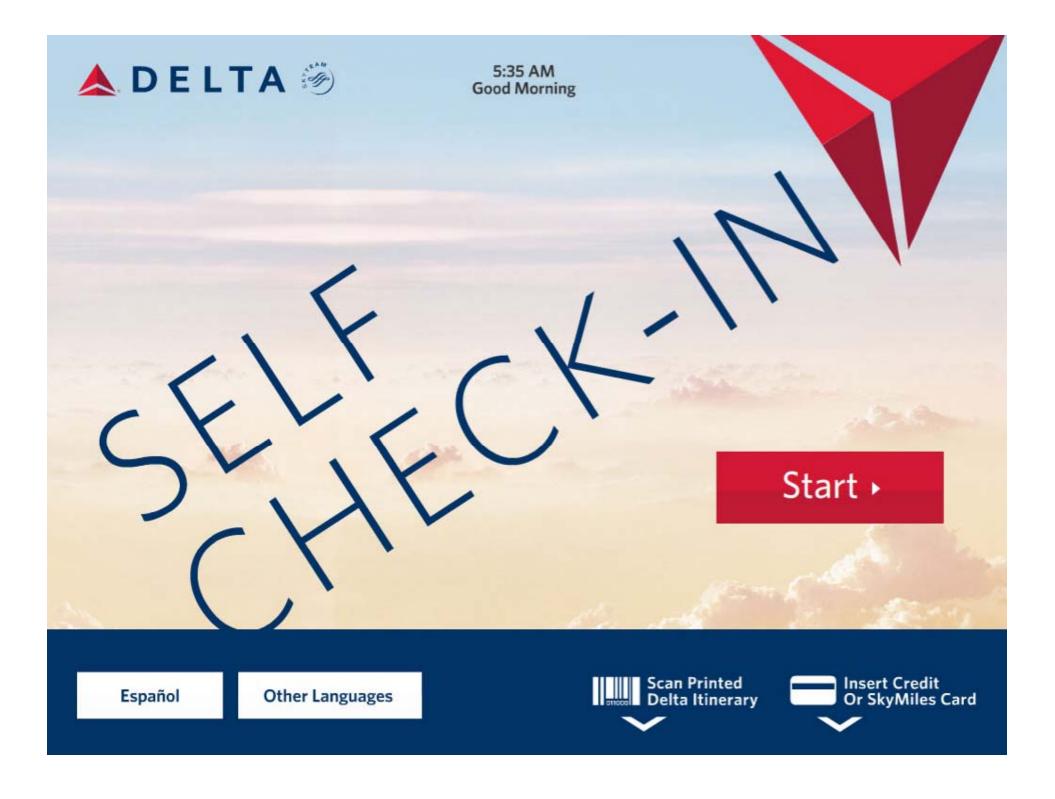


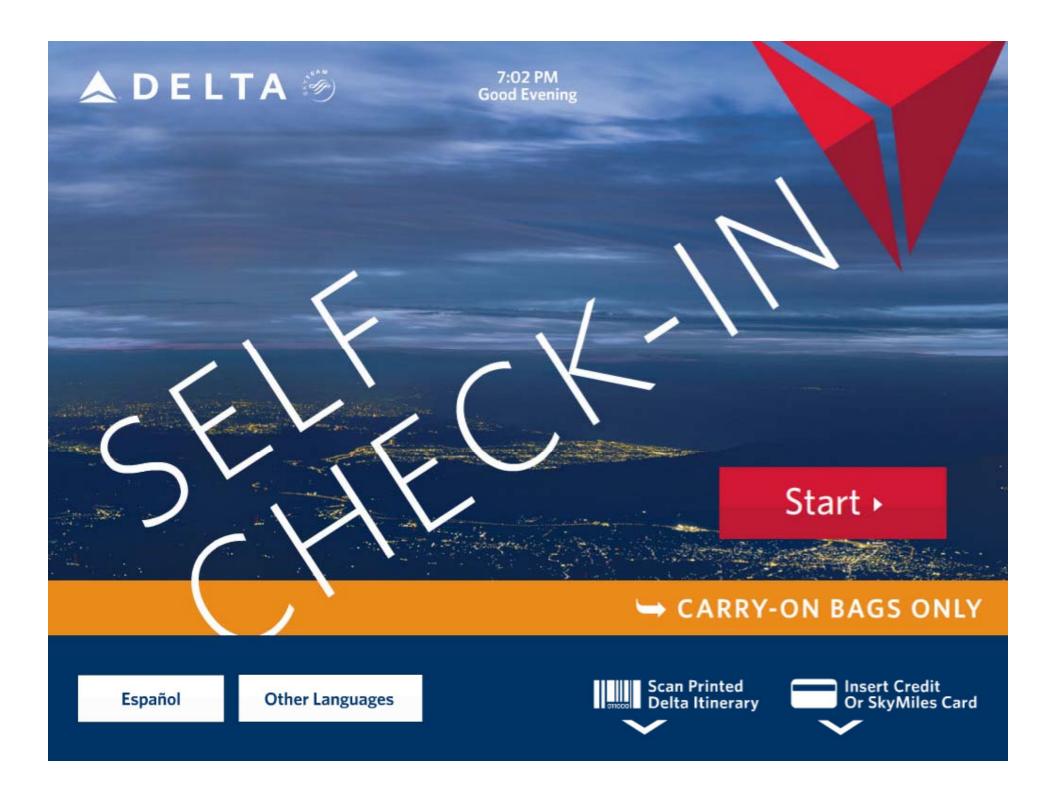
# Brand/ Approachability study

- Early usability on 1st steps and itinerary
- Pick a concept









# **First Step**

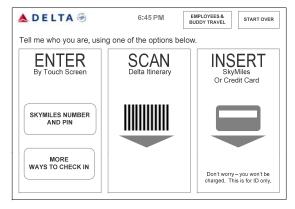
#### RAPID USABILITY TESTING

Select a method for f			
Delta Confirmation Num	ber		
Electronic Ticket Numbe	н		
SkyMiles Number and Pi	N		
		Pass Travel	

#### B1- First Step, All Options

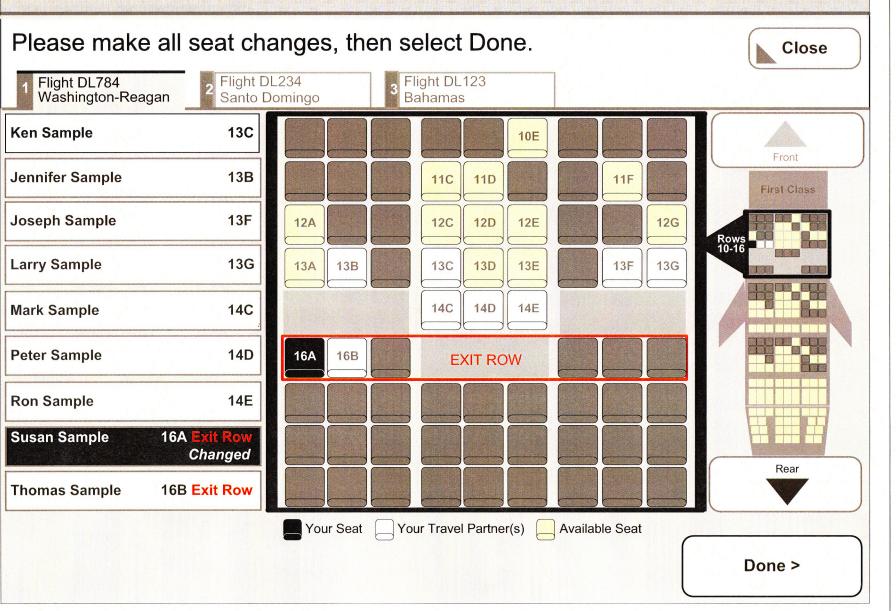
📥 DELTA 🐵	6:45 PM		IPLOYEES & ISS TRAVEL	EXIT
Find your itinerary				
SEARCH BY NUMBER		OR US	e expri	ESS LANE
SkyMiles Number and PIN		Scan Pr Delta Itir or Pass	ierary	Dip SkyMiles or Credit Card
Delta Confirmation Number				
e-Ticket Number				

#### B2- First Step, Three Options



#### Final – First Step Employee and Guest Travel 📥 DELTA 🛞 6:45 PM Agent Access Start Again Find your itinerary using one of the options below. SEARCH BY NUMBER SCAN OR INSERT Scan Printed Insert SkyMiles or SkyMiles Number Delta Itinerary Credit Card (10 digits) Delta Confirmation (6 characters) Ticket Number (13-14 digits)

#### SUB500c - View/Change Seat, 9 passengers



#### NOTES

**This layout:** Shows up to 5 plane sections with Front/Rear buttons to scroll (aligns with proposed itinerary and other screens with potential to scroll).

Assumes: 9 passengers, 3 legs.

#### **Screen Elements:**

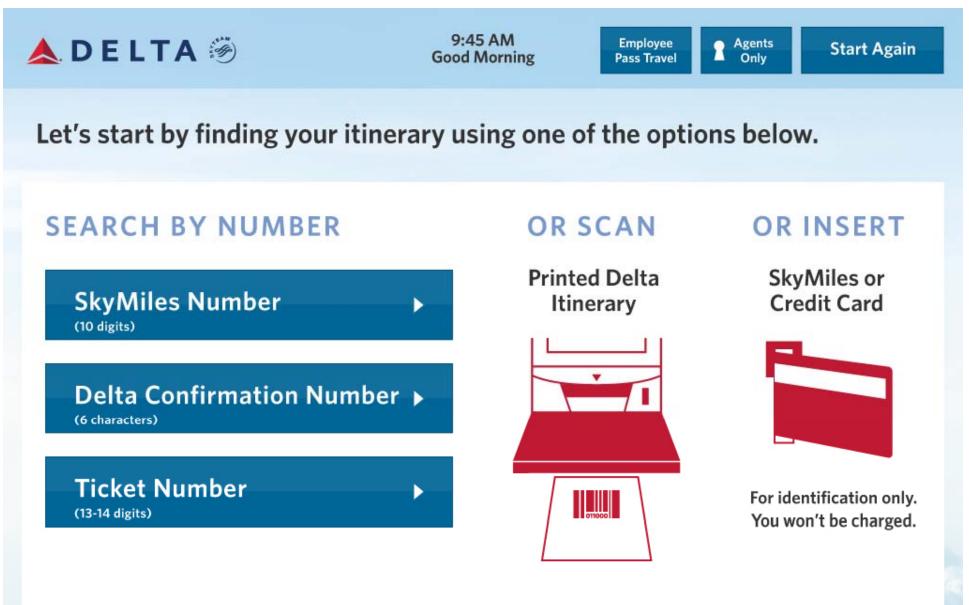
- Close button
- Passenger button(s)
- Section seat buttons
- Plane Front/Rear buttons
- Done button

#### Notes:

Dynamic prompt, "No seats available" Inactive time out after specified duration. Time out after user selection, but not completed task

**Verification**: Verify largest width configuration, Boeing 777 - 3-3-3.

Page Type: Expand - Overlay



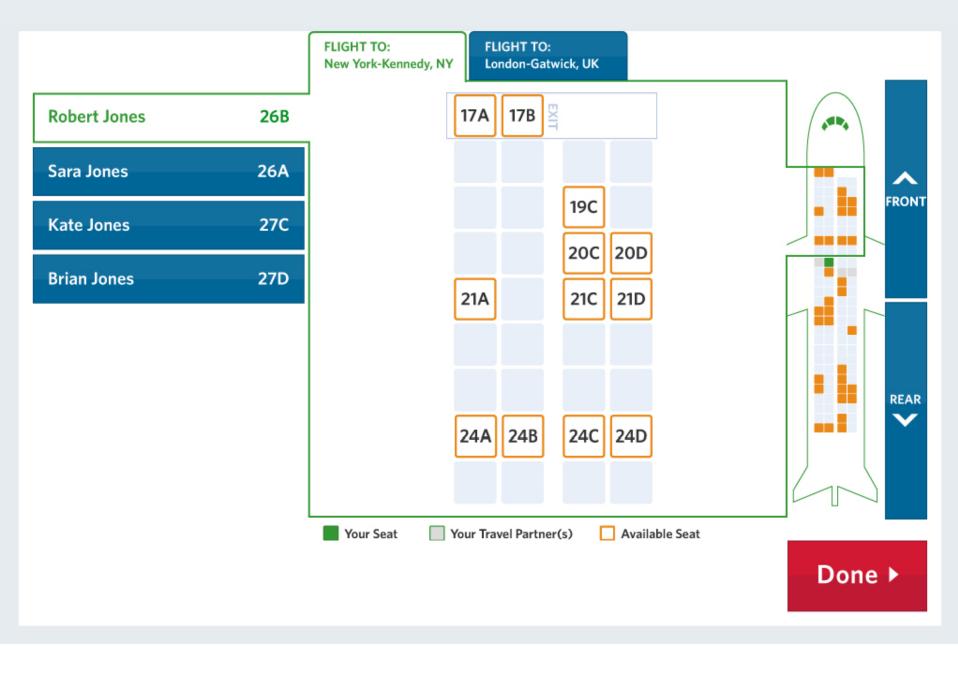
# 📥 DELTA 🛞

#### 9:45 AM Good Morning

# Please approve or make changes to your itinerary.

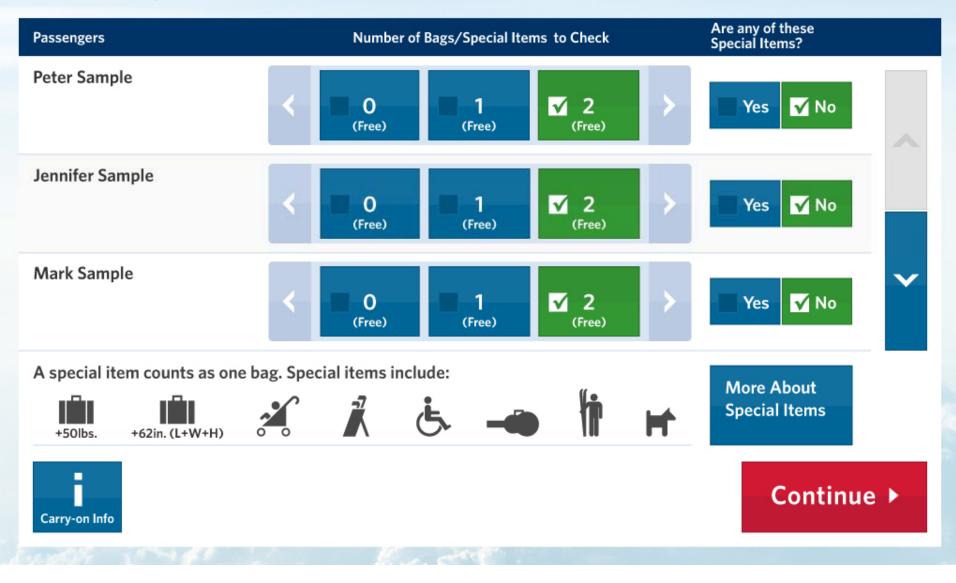
Flight	Departs	Arrives	Passenger		Seat	Frequent Flyer #
DL784	New York-La Guardia	Washigton-Reagan Na	Sara Samplenopul		7 B	01234567901
On Time	6:00 AM	8:05 AM	Ken Sample	<b>.</b>	7 A	01234567901
			John Samplenopulos.		8 B	01234567901
			Amy Sample	Ġ.	8 A	01234567901
			Sara Samplenopulos.		Not Assigne	d 01234567901
			Ken Sample	🕹 👶	Not Assigne	d 01234567901
			John Samplenopulos.		Not Assigne	d 01234567901
			Amy Sample	👌 😓	Not Assigne	d 01234567901
			Jacob Sample		Not Assigne	d 01234567901
Need spe	ecial services?	Want to make any	changes?			
Wheelch	air Lap Child	Request Upgrade	Add Frequent Flyer Number	Switch I	<u> </u>	View/Change Seats
		Prin	It Boarding Pa (No Bags to Check)	iss 🕨	Che	ck Bags ►

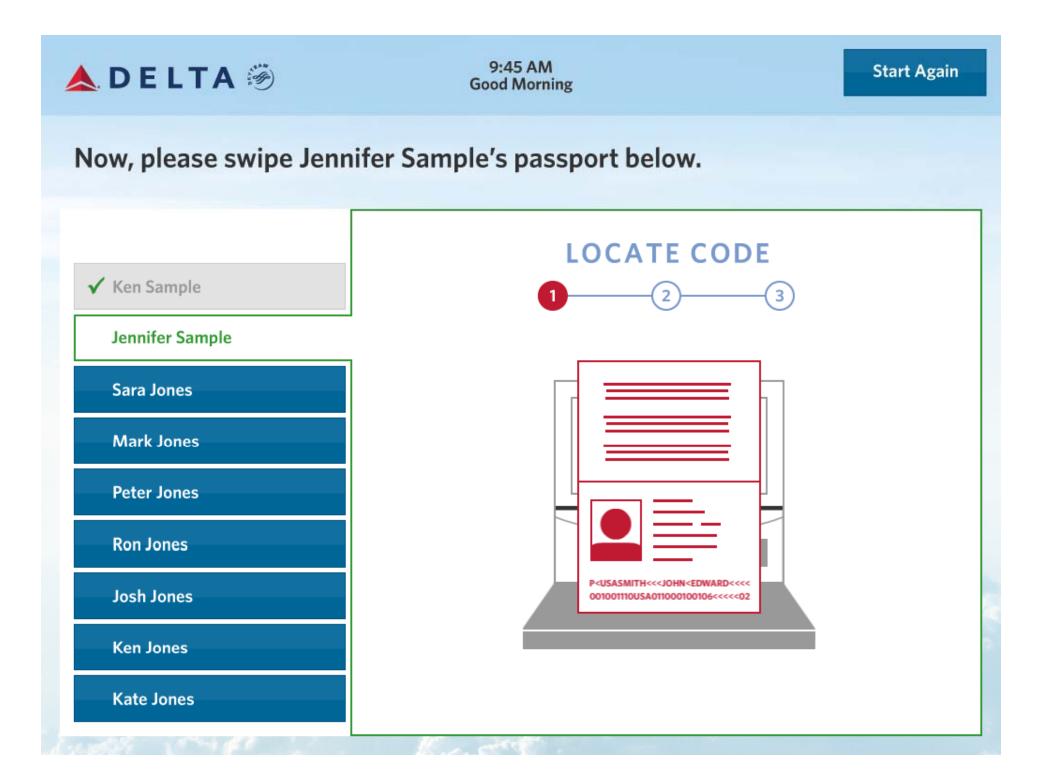
# When you're finished viewing or changing seats, click Done.



# 📥 DELTA 🛞 🛛 🛛

# Select the number of bags (including special items) each passenger is checking.







# One moment while we check you in...





# 📥 DELTA 🛞

9:45 AM Good Morning

# Thanks! You've finished checking in. Enjoy your flight.

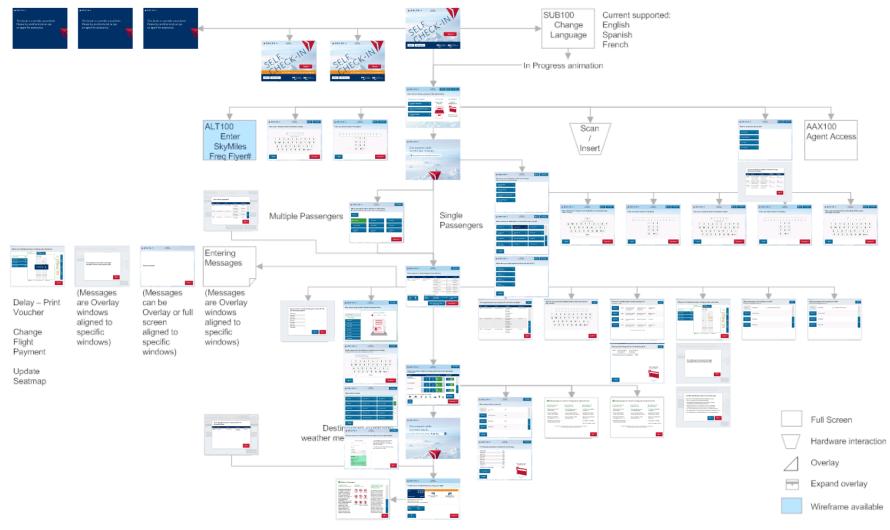
Gate:	ГЭЭ	What to do next:	
	E22	₽ <b>1</b>	
Boarding Time:	2:00 PM	Retrieve your boarding pass below	Bring checked bags to the baggage drop
Flight: DL150 to New Flight Duration: 2 hr	-		

Meal Service: We're serving beverages onboard

ed a record? (op	otional)
Print Receipt	Print Itinerary
a baran da karan	
-	

# Functional Specification

📥 DELTA		Good	45 AM Morning				
							Start Again
Please appro	ve or make	changes to y	our itinerary.				
Flight Departs	Arri	ves	Passenger			Seat	Frequent Flyer #
DL784 New York-L		higton-Reagan Na	Sara Samplenopul			7 B	01234567901
On Time 6:00 AM	8:05	5 AM	Ken Sample		*	7 A	01234567901
			John Samplenopulos			88	01234567901
			Army Sample		5	8.A	01234567901
			Sara Samplenopulos			Not Assigne	d 01234567901
			Ken Sample	ł	6	Not Assigne	d 01234567901
			John Samplenopulos			Not Assigne	d 01234567901
			Arny Sample	÷	5	Not Assigne	d 01234567901
			Jacob Sample			Not Assigne	d 01234567901
Need special service	5?	Want to make any	changes?				
6 3		Request	Add Frequent	Swi	ich F	light	View/Change
Wheelchair Lap Ch	ne	Request Upgrade Prin	Add Frequent Flyer Number		ich F		View/Change Seats ck Bags ▶
Wheelchair Lap Ch	0	Upgrade		ss )		Che	Seats
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