

🔒 SCAN TO UNLOCK



BRUCE WAYNE

Card3000

CARD3000

THE SMARTER WAY TO PAY

AJAY ALFRED
SHAWN CALLEGARI
MIKE HOTAN
RAVI PINJALA

CARD3000

THE SMARTER WAY TO PAY

OUTLINE

- DEVELOPMENT & DESIGN
 - PAPER PROTOTYPING & TASKS
 - RESULTS & REVISIONS
- INTERACTIVE PROTOTYPE DEMO
- OPEN ISSUES
- FUTURE POSSIBILITIES

CARD3000

THE SMARTER WAY TO PAY

THE PROBLEM

- OUTDATED CREDIT CARD SYSTEM
- SECURITY ISSUES
- NEW PAYMENT METHODS AREN'T UNIVERSAL
- WE CARRY TOO MANY CARDS
- TRACKING SPENDING IS DIFFICULT

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THE SMARTER WAY TO PAY

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THE SOLUTION - CARD3000


- ONE CARD TO CARRY
- BIOMETRIC SECURITY
- FRAUD REPORTING
- VIEW RECEIPTS AND SPENDING LIMITS
- MORE SECURE, FRIENDLY WAY TO PAY

PAPER PROTOTYPE



First Tech
Travel Rewards

**** * 7611
Exp 07/15

 **VISA**

RECENT TRANSACTIONS

McDonald's - 10/27	\$1.23
Macy's - 10/25	\$38.56
Best Buy - 10/25	\$700.89
Krispy Kreme - 10/23	\$2.75
Starbucks - 10/20	\$4.00

CARD INFO

Current Balance	\$2760.64
Spending Limit	\$3000.00
Available Credit	\$239.36
Expiration Date	May 2015
Security Code (CVV)	371
Contact	1-800-555-7890

TRANSACTION DETAILS

Best Buy First Bank VISA (...1234)
Bellevue, WA 10/25 at 7:24 PM

1 Sony 72-inch HDTV \$599.99
+ 3 other items

Total \$700.89

[Back](#) [Report Fraud](#)

TASKS

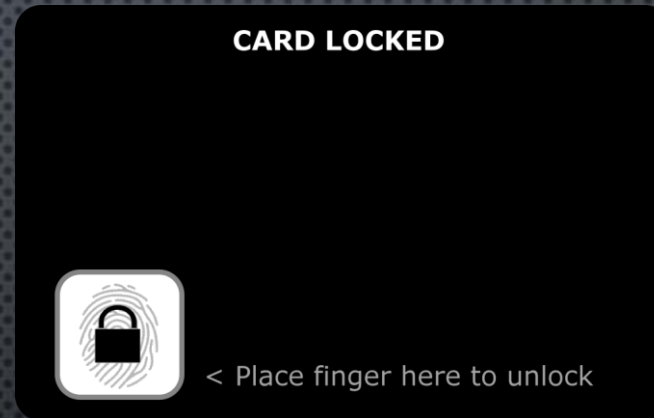
WHILE TRAVELLING, MAKE A PURCHASE ON COMPANY CARD

1. WHILE TRAVELLING, MAKE A PURCHASE ON COMPANY CARD
2. PAY FOR GAS AT THE PUMP WITH REWARDS CARD
3. CHECK SPENDING LIMIT ON THE GO
4. REVIEW PURCHASE HISTORY
5. REPORT FRAUDULENT TRANSACTION

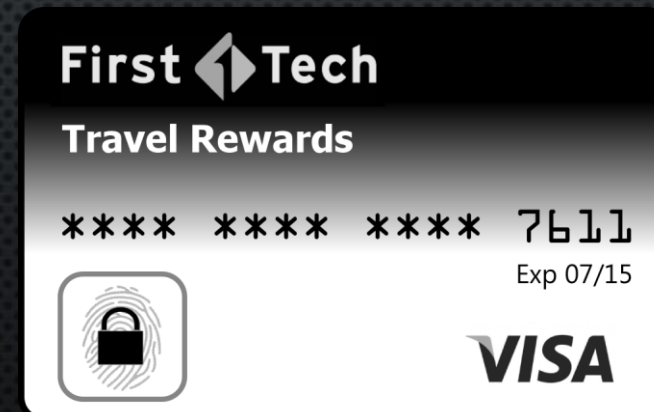
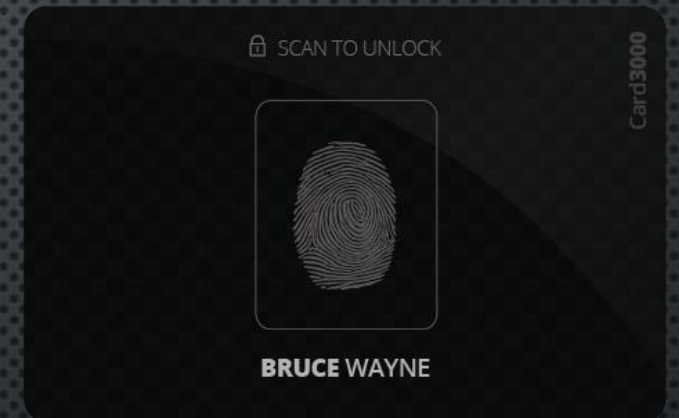
RESULTS & REVISIONS

- LOCK STATES

before



after



RESULTS & REVISIONS

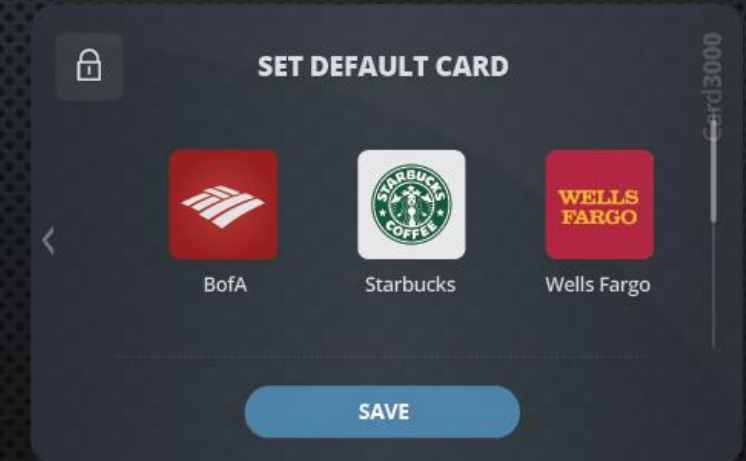
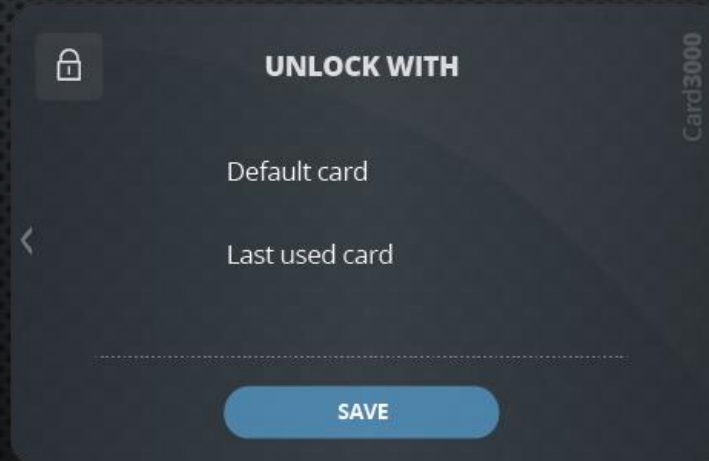
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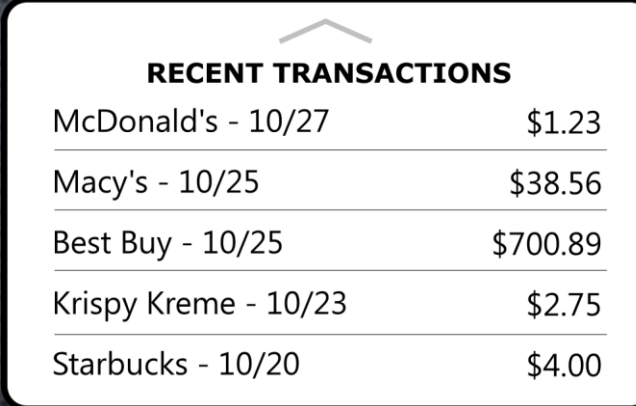
RESULTS & REVISIONS

- LOCK STATES
- CARD INFO
- PERSONALIZATION



RESULTS & REVISIONS

- LOCK STATES
- CARD INFO
- PERSONALIZATION
- TRANSACTION HISTORY



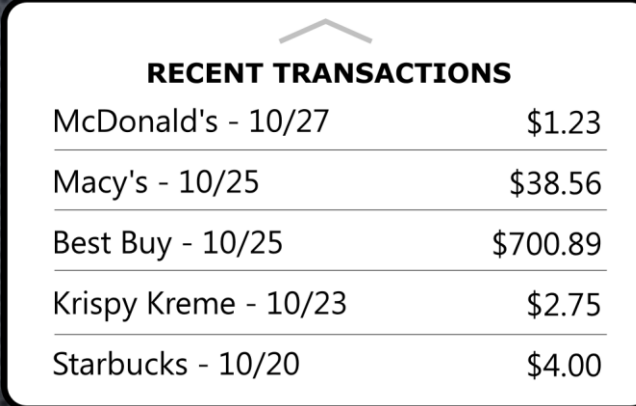
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10/20	UW Food Services \$4.01 >

RESULTS & REVISIONS

- LOCK STATES
- CARD INFO
- PERSONALIZATION
- TRANSACTION HISTORY
- LOCK BUTTON ON ALL SCREENS



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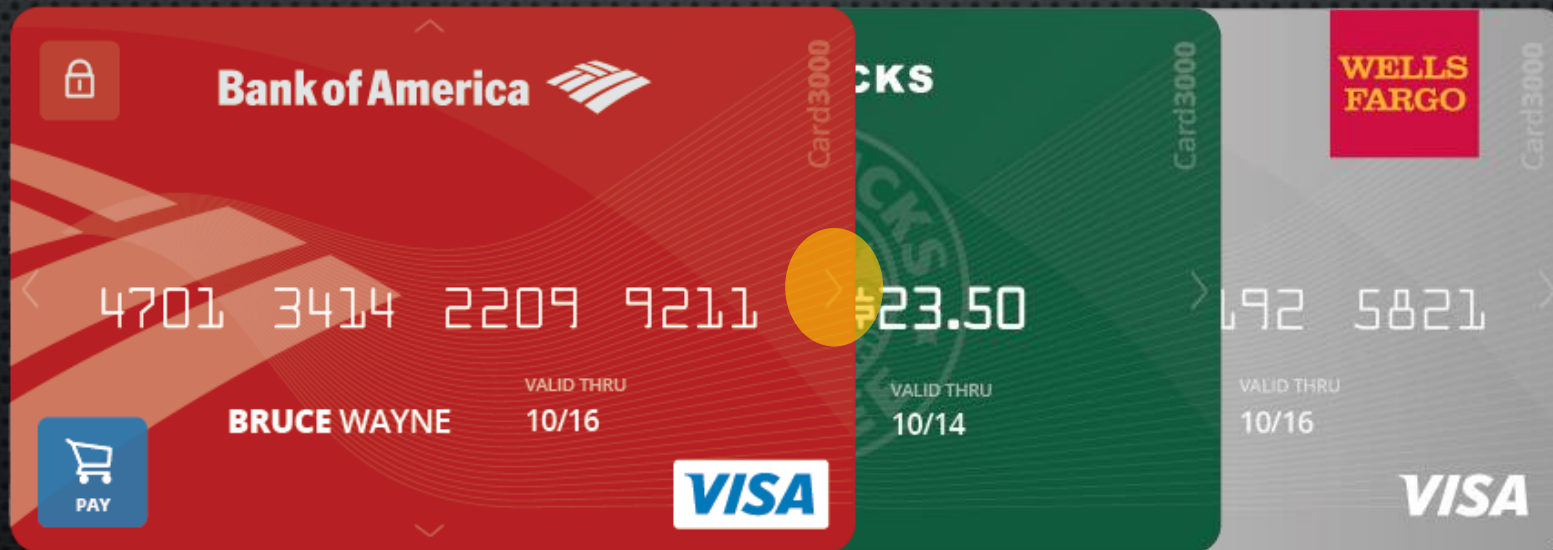


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THE SMARTER WAY TO PAY

INTERACTIVE PROTOTYPE DEMO



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FUTURE CONSIDERATIONS

- ASSESS HARDWARE FEASIBILITY, LEGAL ISSUES
- GENERATE TEMPORARY CARD NUMBERS FOR ADDED SECURITY
- SMARTER, CONTEXTUALLY AWARE CARD SELECTION
- SMARTPHONE COMPANION APP
- ALERTS WHEN APPROACHING SPENDING LIMITS