



**9<sup>TH</sup> ANNUAL DHS  
CASE COMPETITION**

**NOVEMBER 21, 2015**

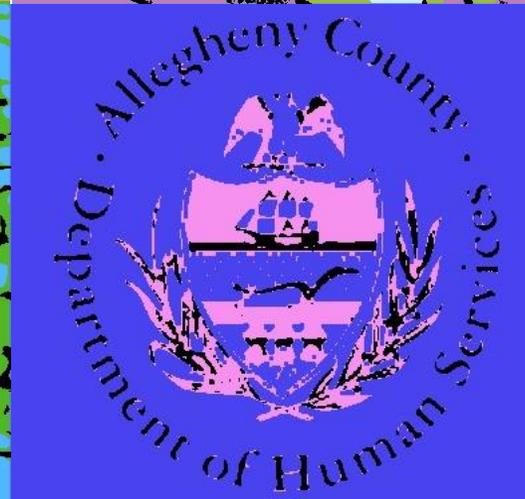
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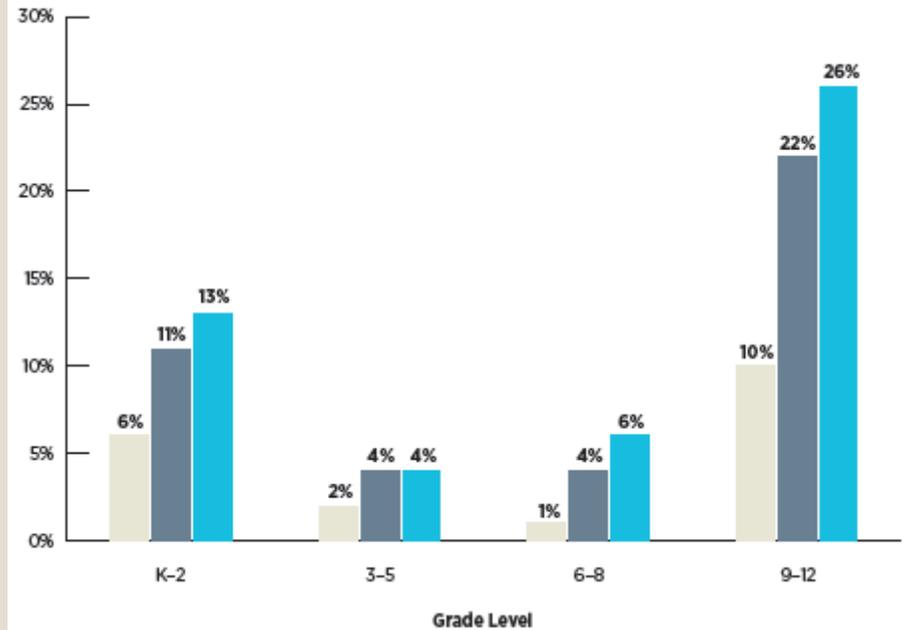


# TRANSPORTATION

CREATING SOLUTIONS FOR CHILDREN  
EXPERIENCING HOUSING INSTABILITY

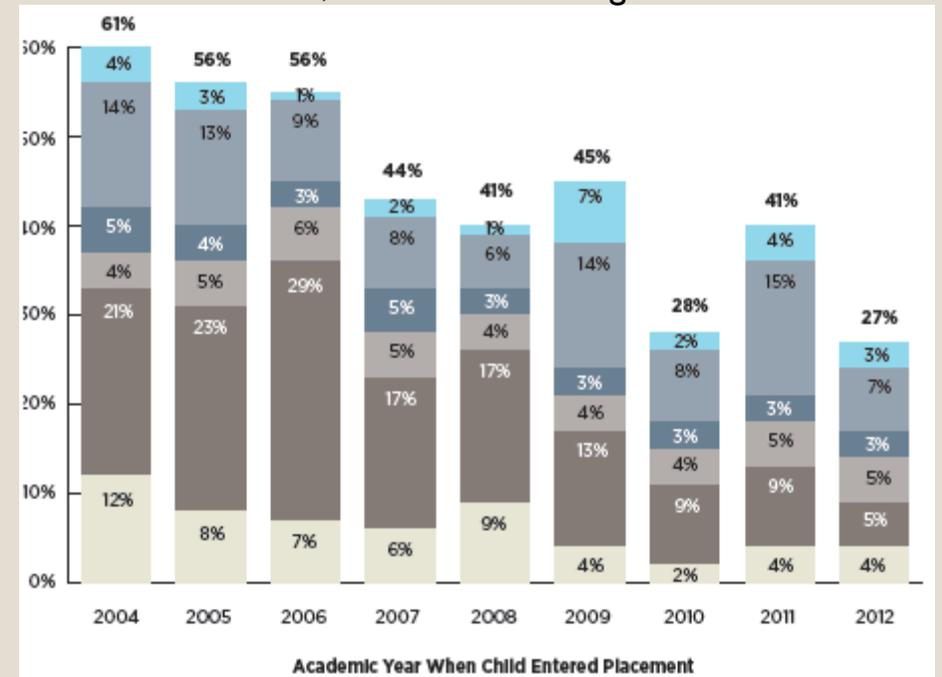
# THE CURRENT ISSUE

Grade Retention by Child Welfare Involvement, PPS Students, SY 2004–05 through SY 2010–11



■ No Child Welfare History 
 ■ History of Child Welfare, but No Placement 
 ■ Placement During 2004-2011

School Mobility Proximate to Child Welfare Placement, PPS Students, SY 2004–05 through SY 2012-13



■ Prior to Placement, within 2 weeks 
 ■ Within 2 weeks of placement 
 ■ 15 to 30 days post placement 
 ■ 31 to 60 days post placement 
 ■ More than 60 days post placement 
 ■ Within 2 weeks after placement

**TO CREATE A SUSTAINABLE AND SECURE  
TRANSPORTATION SYSTEM FOR CHILDREN IN  
UNSTABLE HOUSING.**

Coordination



Accessibility



Safety

## CURRENT SYSTEM

- Handled individually per child by DHS-employed case aides, provider agencies, guardians, homeless school liaisons, school busses, & Port Authority
- No comprehensive system to track student transportation plans

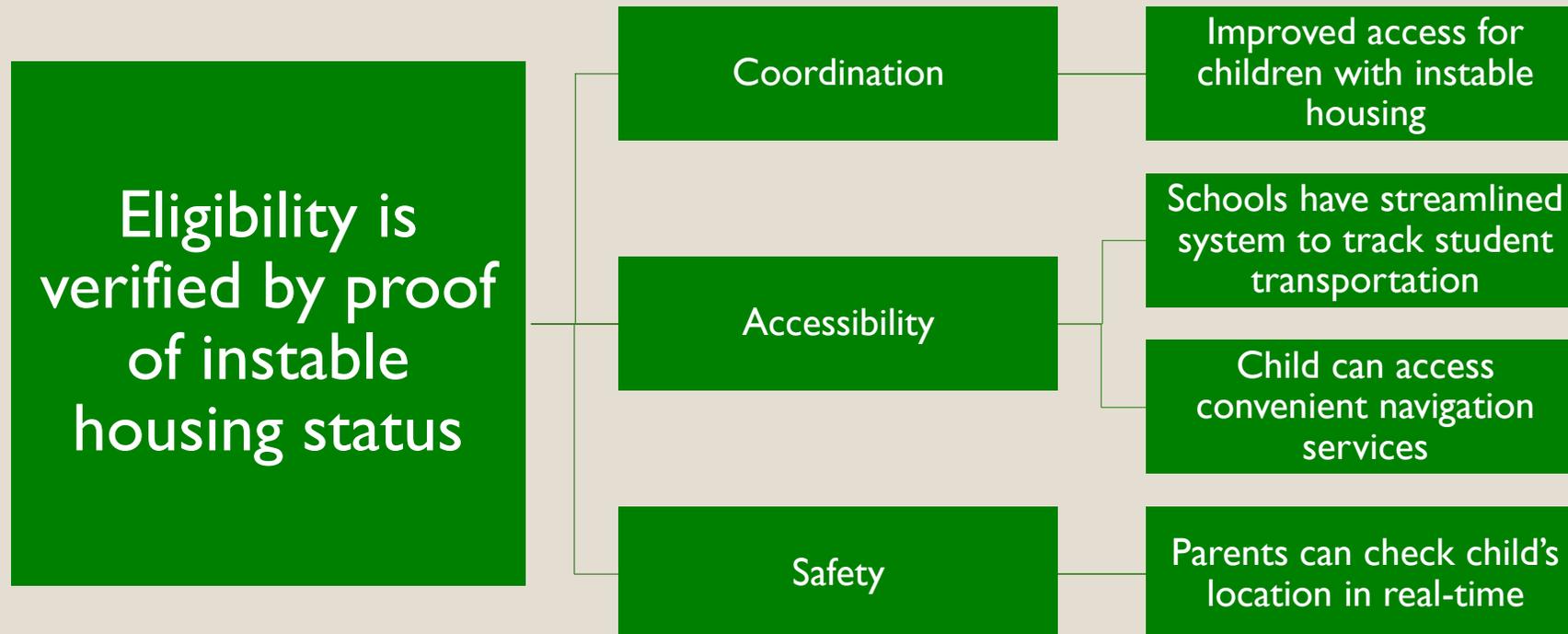
## OUR SYSTEM

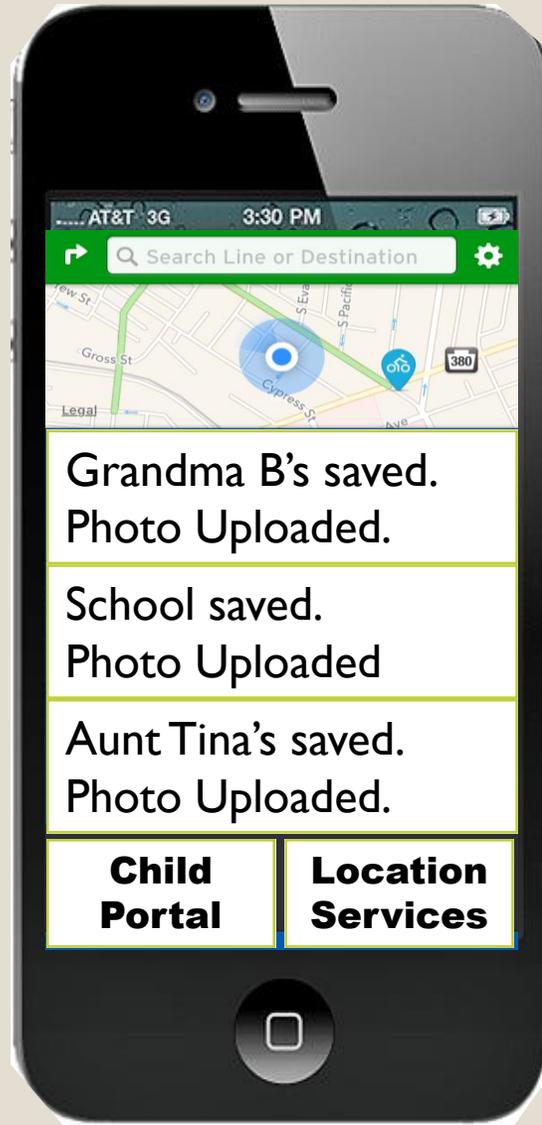
- Aides, guardians, agencies, & liaisons would be able to look up possible routes
- All necessary aides, guardians, agencies, & liaisons would be able to see the child's transportation plans
- The plans would be updated with latest changes in buses & car pools

# CHILD ACCESSIBILITY TRANSPORTATION SYSTEM

- Both a website & phone application
- Coordinates with Port Authority's currently built real time bus arrivals
- Pre-loaded addresses for the child to use

# USE OF CATS



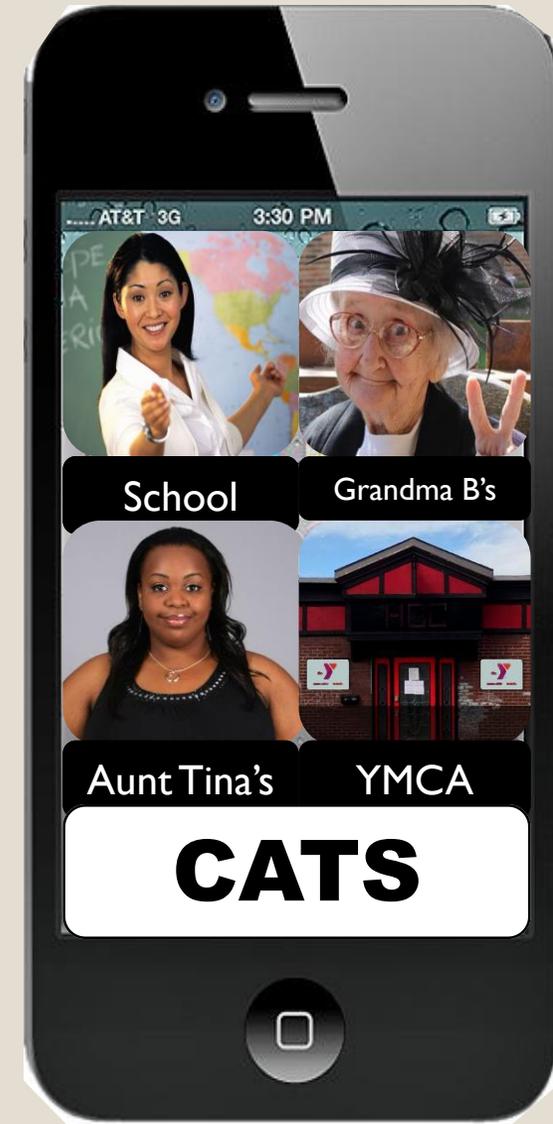


## PARENT AND GUARDIAN PORTAL

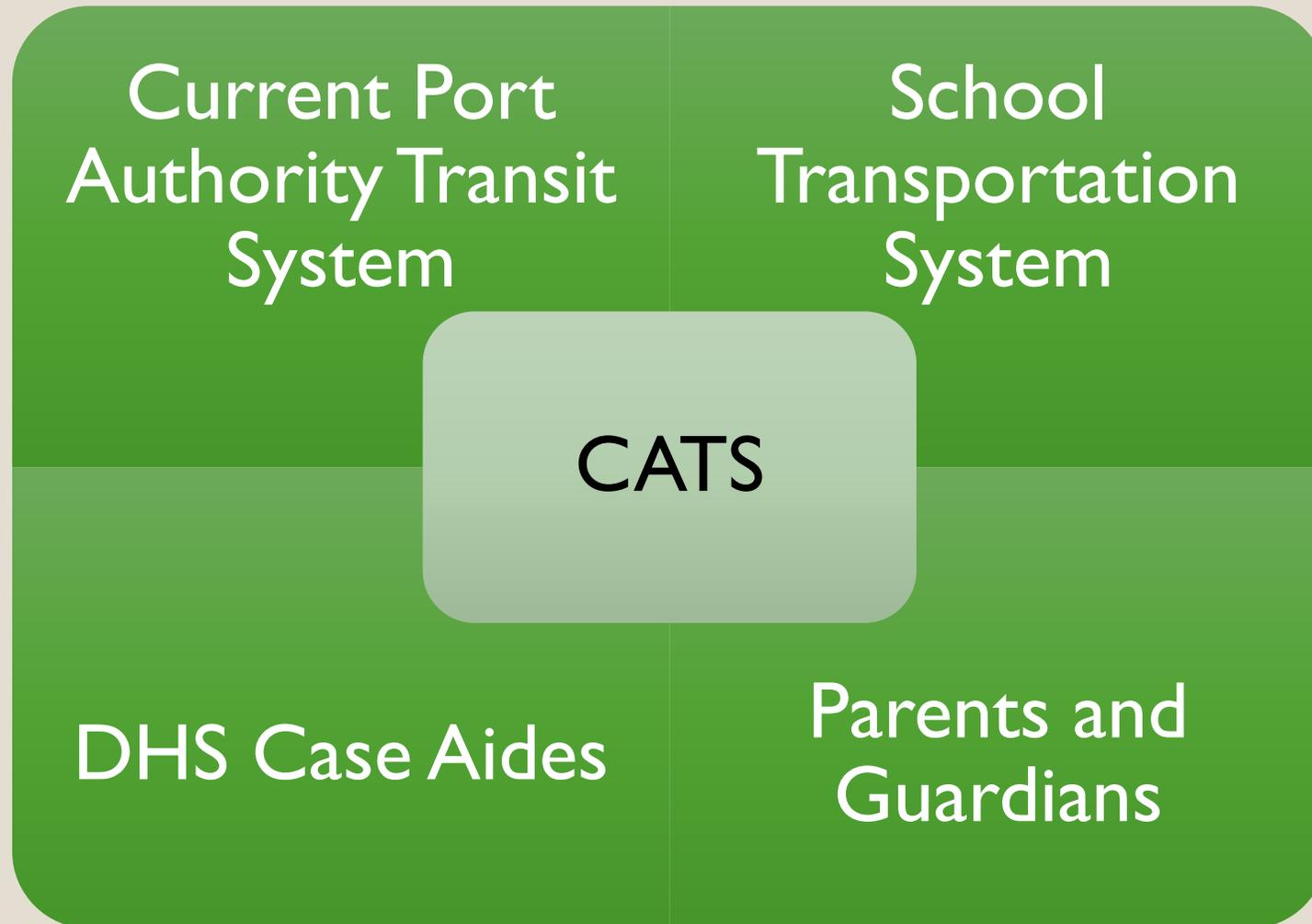
- Pre-loaded addresses with simple labels or pictures:
- Location tracking in real time

## CHILD PORTAL

- Simple Interface
- Step-by-step instructions
- Combines public transit information with available carpools or approved taxi drivers
- Incentivized school attendance through location tracking



# COORDINATION



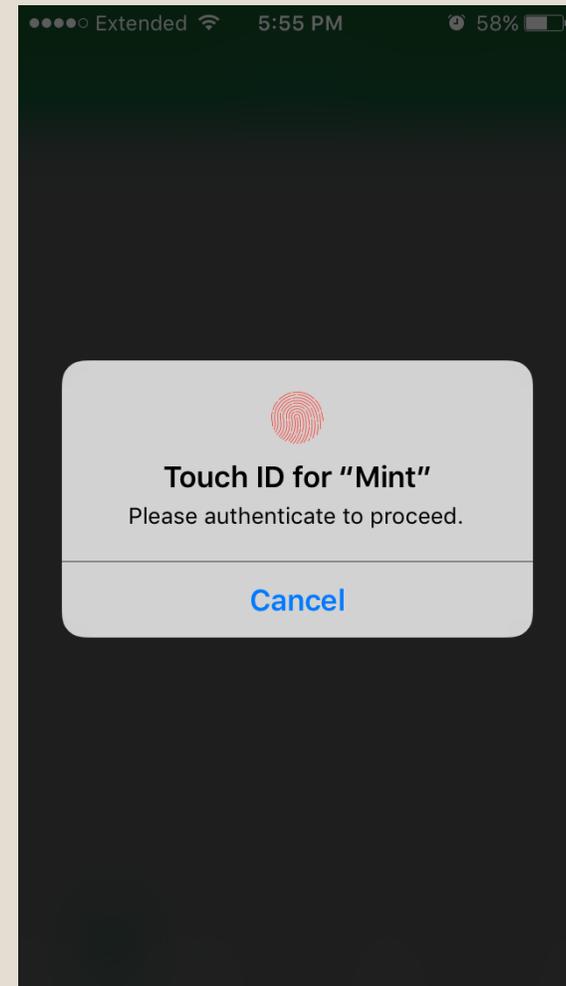
# ACCESSIBILITY



- Connecting children in need with reliable navigation
- Improved school attendance through incentivized app use
  - Schools can choose how to reward students for improved attendance
- Mainly an app, but available on multiple platforms
  - Website
  - Call-in or text-based services

# SAFETY FEATURES

- Information Protection
  - Unique log-ins for each child
  - Screen blocks with code authentication
  - Only parents/guardians have edit access, caseworkers can view app
- Location Tracking
  - Parents/guardians can see where their children are in real time
  - Historical data available as well



# IMPLEMENTATION

## Minimal cost of startup

- Creation of the website & app
- Training of case aides & liaisons

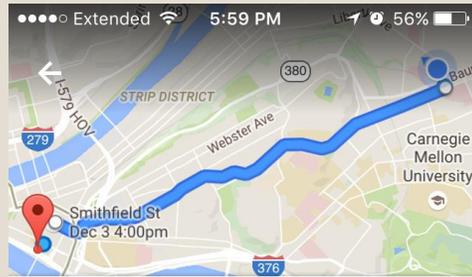
## Goal of 20 months from start to full implementation

- Design
- Education
- Beta testing

# TIMELINE



# EXISTING TRANSPORTATION APPS



71A 71C 82 29 min

Extended 5:58 PM 56%

from Your location  
to 1 Smithfield St

19 min 28 min 1 hr 17 25 min

Depart at 5:58 PM OPTIONS

Recommended route

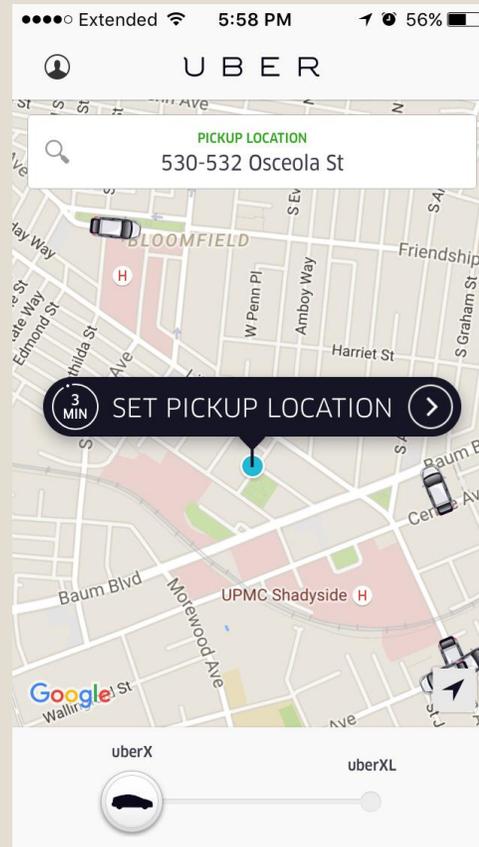
71A 71C 82 29 min

Every 10 min from Centre Ave at Cypress St

More by bus

77 > 5 20 min  
6:17 - 6:37 PM from Baum Blvd at Cypress St...

86 > 10 30 min  
6:26 - 6:56 PM from Liberty Ave at Evaline St



## Transit App

Extended 5:37 PM 61%

Search Line or Destination

86  
Outbound Wilkinsburg via H...  
Liberty Ave / Osceola St 5 minutes

64  
Outbound Waterfront via Bl...  
Liberty Ave / Osceola St 13 minutes

77  
Outbound Leechburg to Cca...  
Baum Blvd / Cypress St 19 minutes

UBER  
uberX 1.6x 4 minutes

# LONG TERM GOALS

- Continue to improve transportation by analyzing collected data on location and usage
- Expand the app to include cooperation of other services, such as health care, after school programs, and nutrition facilities



# PRIORITIZATION

Minimal cost for sustainability

Teaching children to efficiently navigate Port Authority system

Potential for continued growth and additional uses



**QUESTIONS?**