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Mathematics-Computer Science Sc.B
Capstone Project with Professor Uğur Cetintemel

Text Rhode Island Abstract

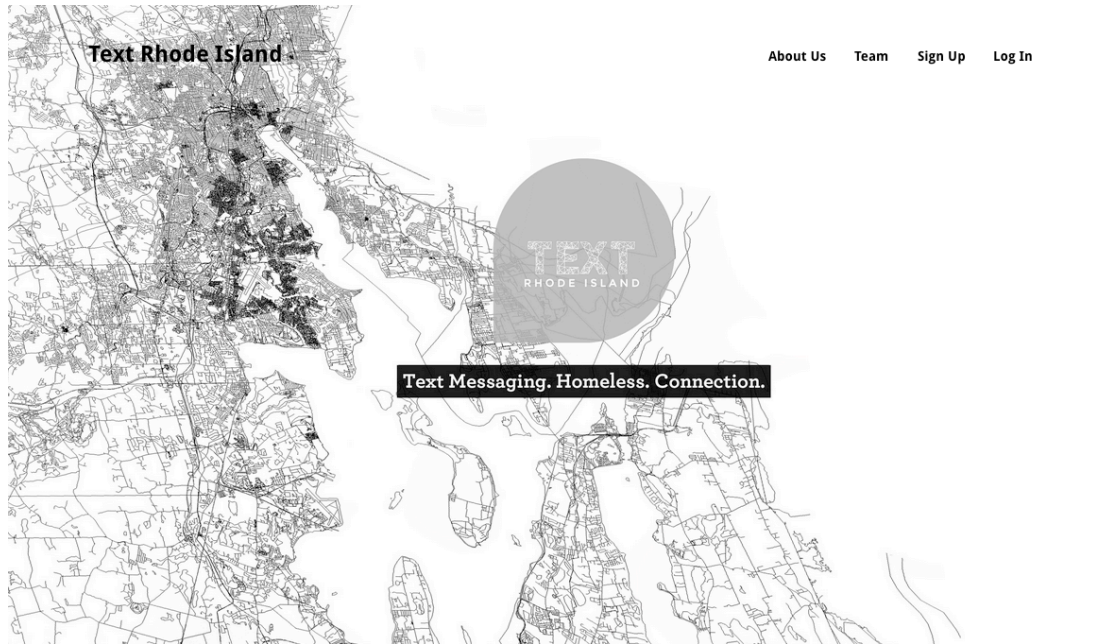
Text Rhode Island (TextRI) is a text messaging platform that leverages text messaging to enable real-time, two-way communication between the homeless community and service providers in Rhode Island (RI). By aggregating and updating information on a single consolidated platform, TextRI enables service providers like homeless shelters to send text alerts with emergency information to subscribers, and allows users to query about availability of beds, transportation to the venue, allow internal messaging operations within the organization and more. TextRI aims to optimize communication in service delivery by shelters, food trucks and health clinics to create a paradigm shift in the way information is transmitted across social welfare networks in RI.

TextRI seeks to apply technology to the public sector in order to more efficiently use existing resources. TextRI empowers the homeless community to self-advocate and service providers to maximize their resources through increased engagement. We believe that meeting the day-to-day needs of knowing where to stay at night, what services you quality for, and where you'll get your next meal are prerequisites to addressing the long term challenge of taking the path out of homelessness.

Text Rhode Island is co-founded by Amanda Chew '14 and Eric Bai '15, and was awarded Brown University's Social Innovation Fellowship in 2014. Our website is live at www.textrhodeisland.com. We will be working on the project this summer and piloting at Harrington Hall, the state's largest men shelter, in Cranston, RI.

Pictures

Website:



Login page:



Please Login

Username	admin
Password	*****
<input type="checkbox"/> Remember me	
<input type="button" value="Login"/>	

Home page:

Dashboard
Dynamically update information about your organization

Inbox
Communicate with constituents directly

Dashboard:

Organization 1 Dashboard

Manage your organization's public information here.

Services Offered

Case management
Food
Semiprivate shelter

Food with check in ▾ Add Service

Modify Services

Post Alert

Current Alert
Shelter will be closed from 6-7pm today due to leaking roof

Alert:

Post Alert

Modify Existing Alert

Pairings

Keyword	Info
Hours	6pm - 7am
Transportation	Ripta bus 22
beds	15

Keyword Keyword Info Info Add Pairing

Modify Pairings

Inbox:

Text Rhode Island Inbox New Module New Contact Welcome admin! Logout

Messaging Inbox

Send and receive messages directly from

Compose Message

Client	TextRI Users	Last Updated	Messages
Eric Bai	None	2014-05-13 18:19:07.377	Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai Message contact Eric Bai (+16262027548), hey! Message contact Eric Bai (+16262027548), Hey 2 Message contact Eric Bai (+16262027548), oooo 1 Message contact Eric Bai (+16262027548), Ooo2 Message contact Eric Bai (+16262027548), please 1 Message contact Eric Bai (+16262027548), Please 2 Message contact Eric Bai (+16262027548), work!! Message contact Eric Bai (+16262027548), Work2 Message contact Eric Bai (+16262027548), Hey! How are you Message contact Eric Bai (+16262027548), L!

Compose Message

Recipients

Amanda (achew), Eric Bai (+16262027548),

Message

What do you want to say?