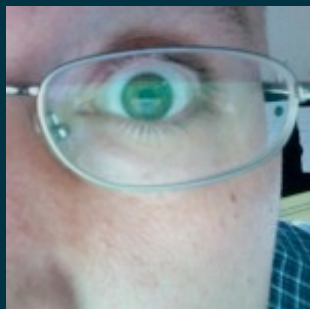


TOWARDS AN APPROACH TO BUILDING MOBILE DIGITAL EXPERIENCES FOR UNIVERSITY CAMPUS HERITAGE & ARCHAEOLOGY



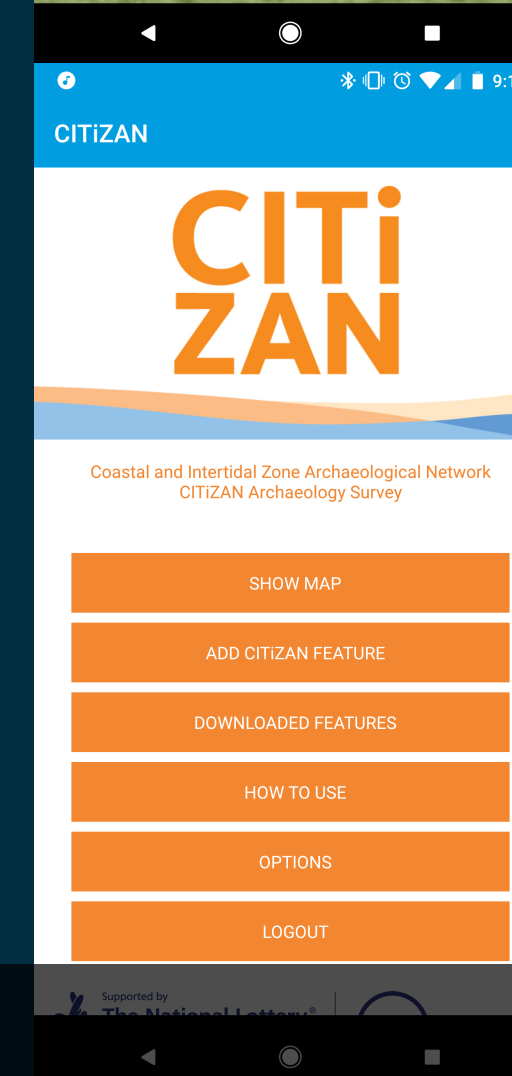
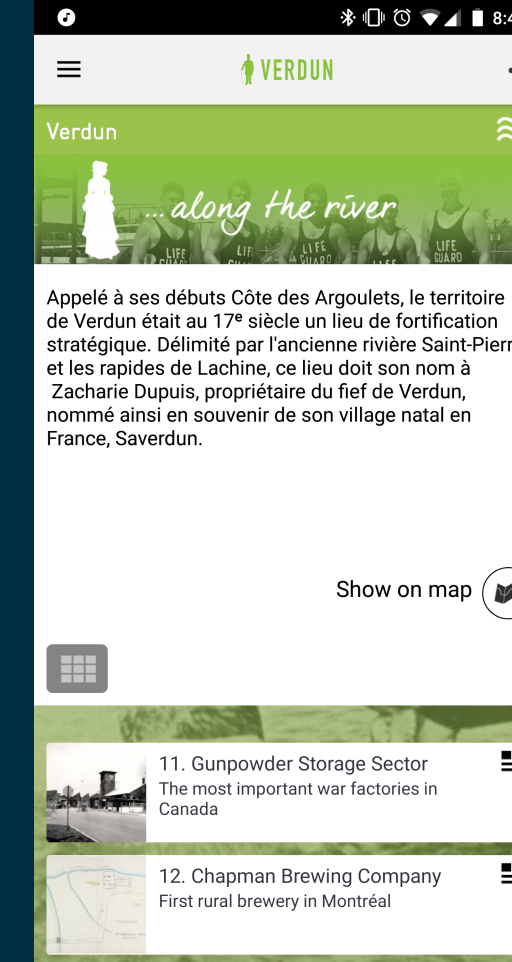
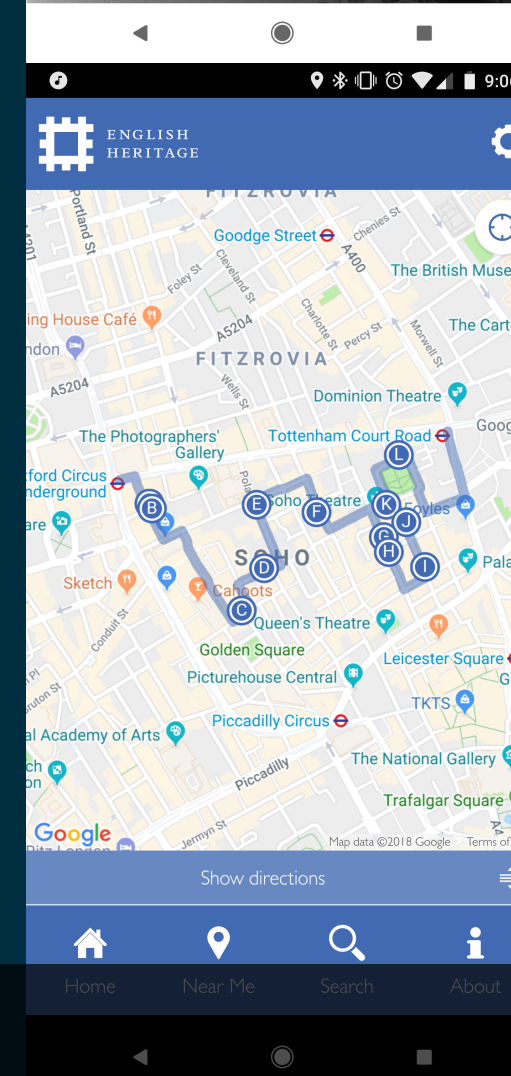
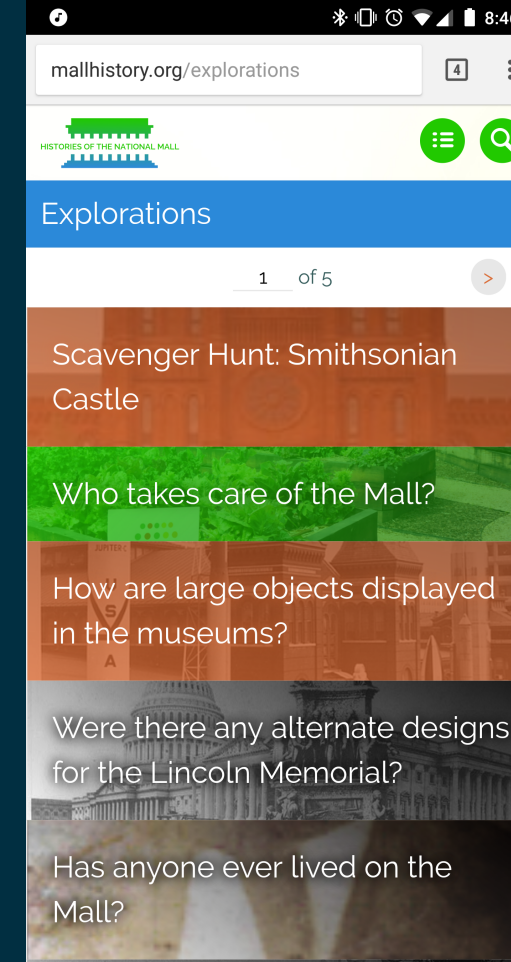
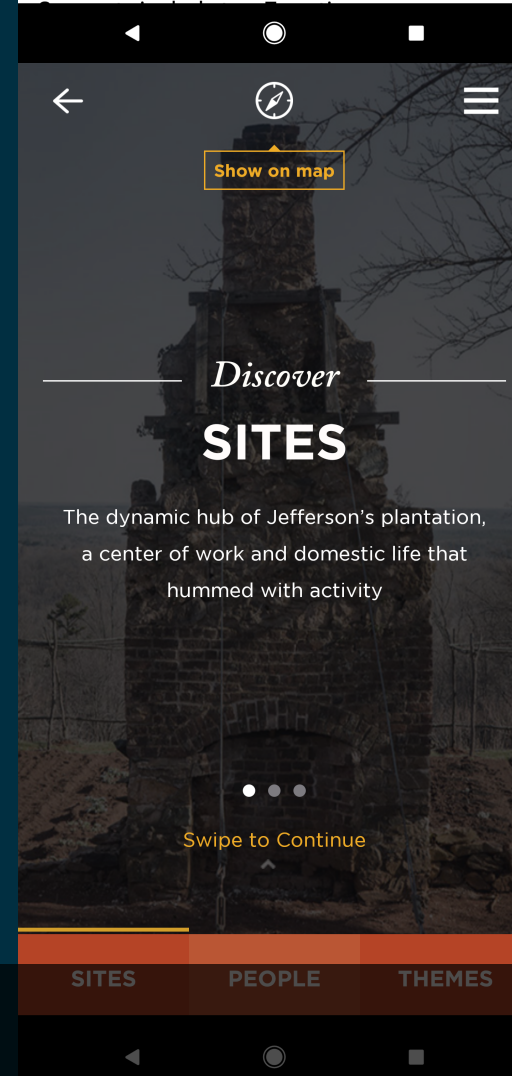
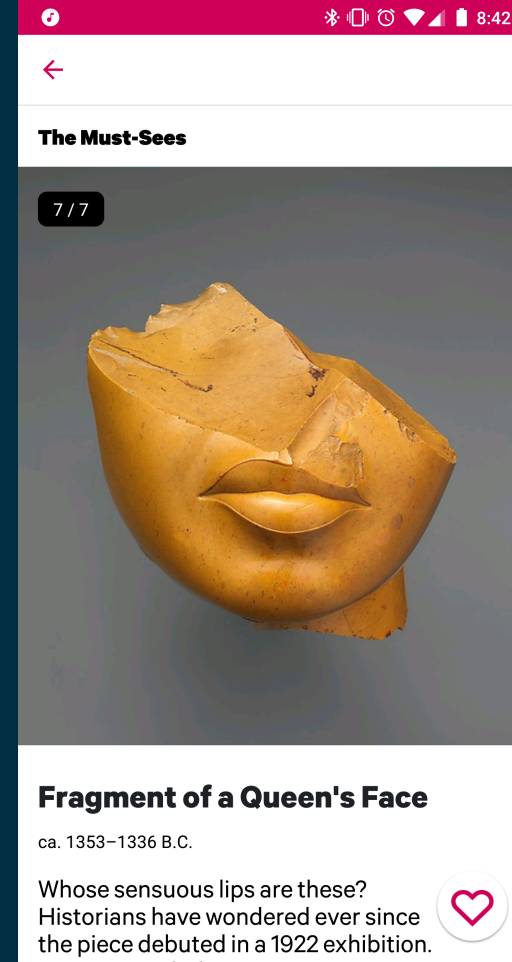
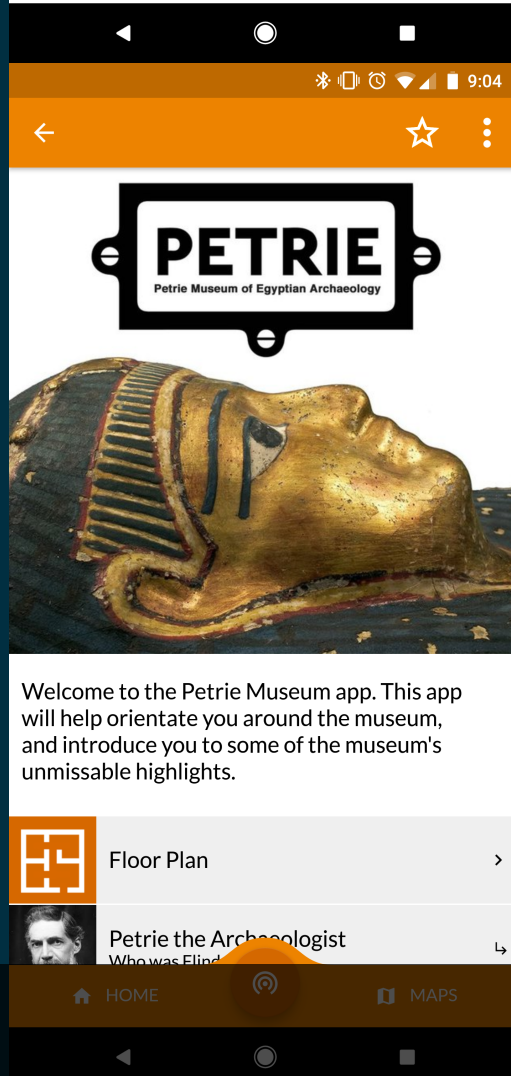
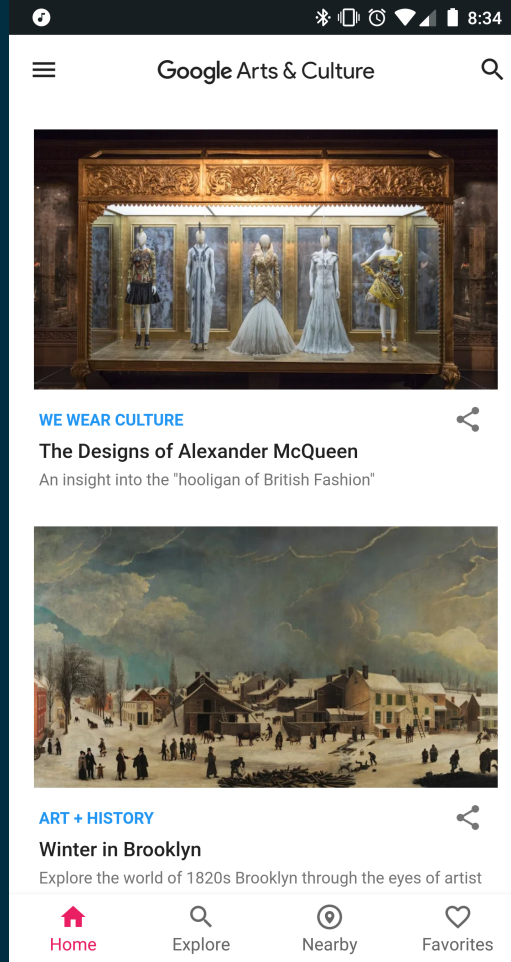
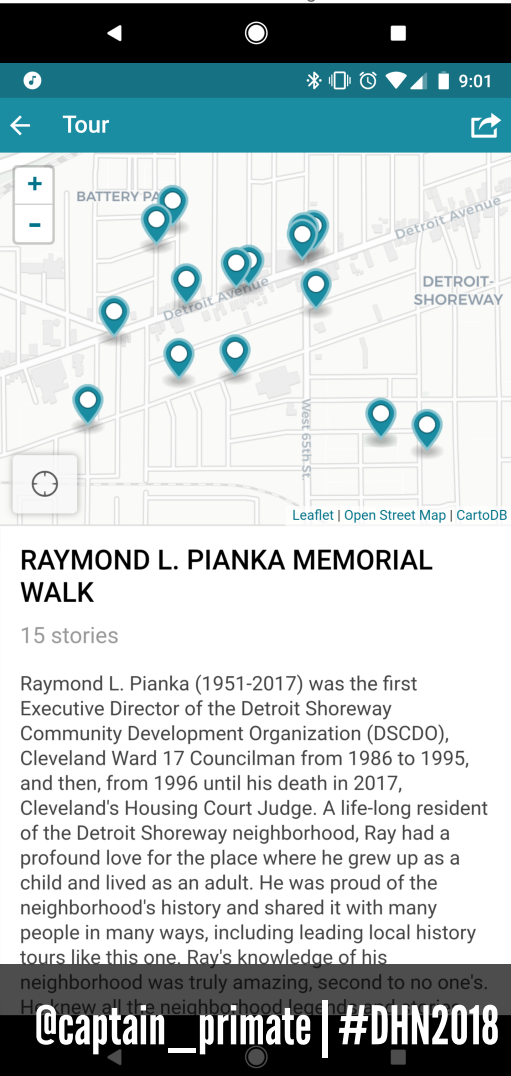
Ethan Watrall

Department of Anthropology

MATRIX: The Center for Digital Humanities & Social Sciences

Michigan State University

@captain_primate | watrall@msu.edu





MOBILE APP

UC San Diego Mobile App is a location-based mobile app that connects you to campus information such as real-time shuttles, news, events & weather.

Suggest a feature.

UC San Diego Mobile App is **open source**.



weather and surf reports



location based shuttle arrival information



dining menus and locations



events updates



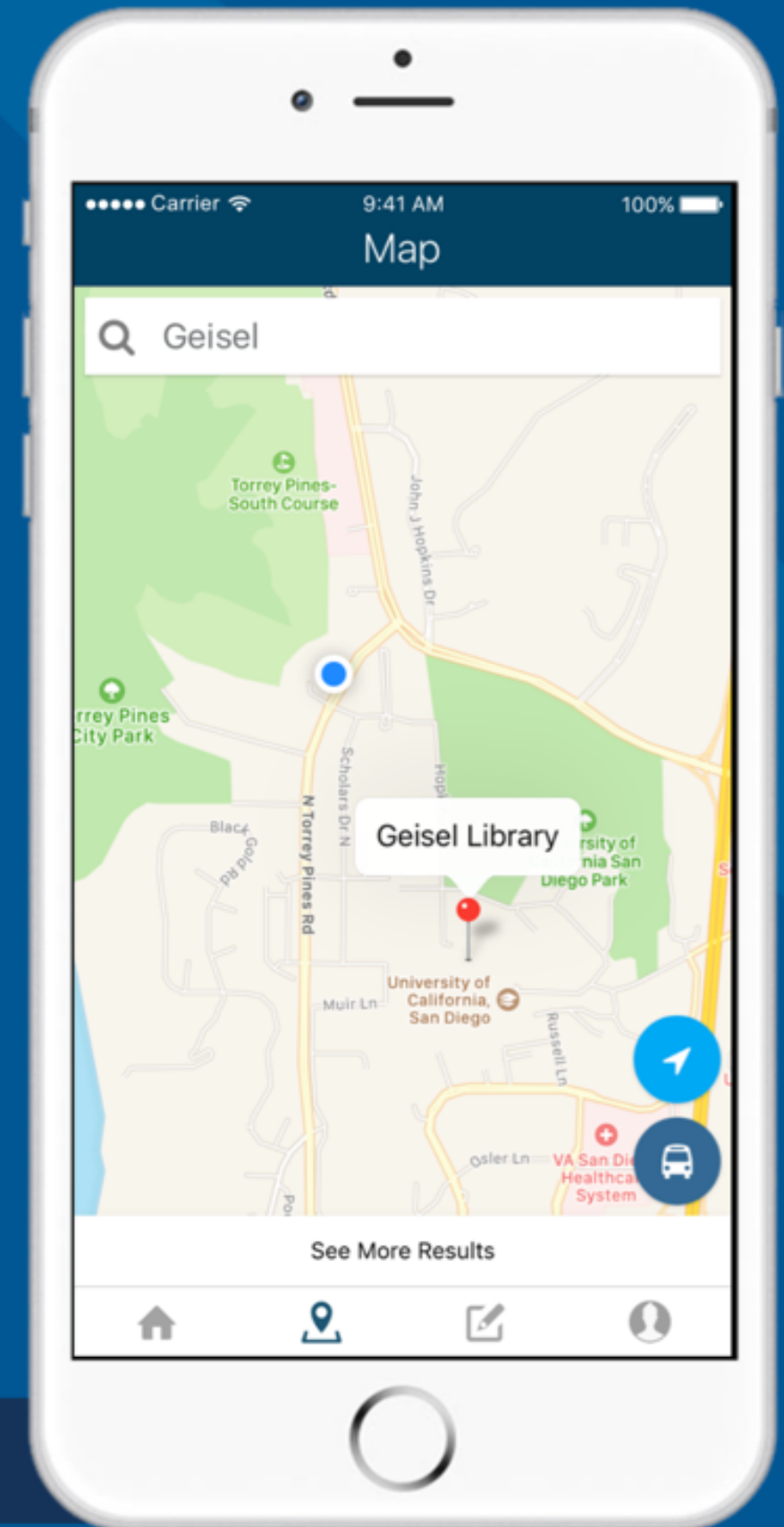
links to campus services



real-time news updates



directions to nearby points of interest



- ① **WELL ESTABLISHED EXISTING COMMUNITY
(FACULTY, STAFF, STUDENTS, ALUMNI)**
- ② **ROBUST DIGITAL INFRASTRUCTURE (WIFI
COVERAGE, ETC)**
- ③ **OPEN, PUBLIC SPACES**
- ③ **WELL DOCUMENTED HISTORY & HERITAGE**



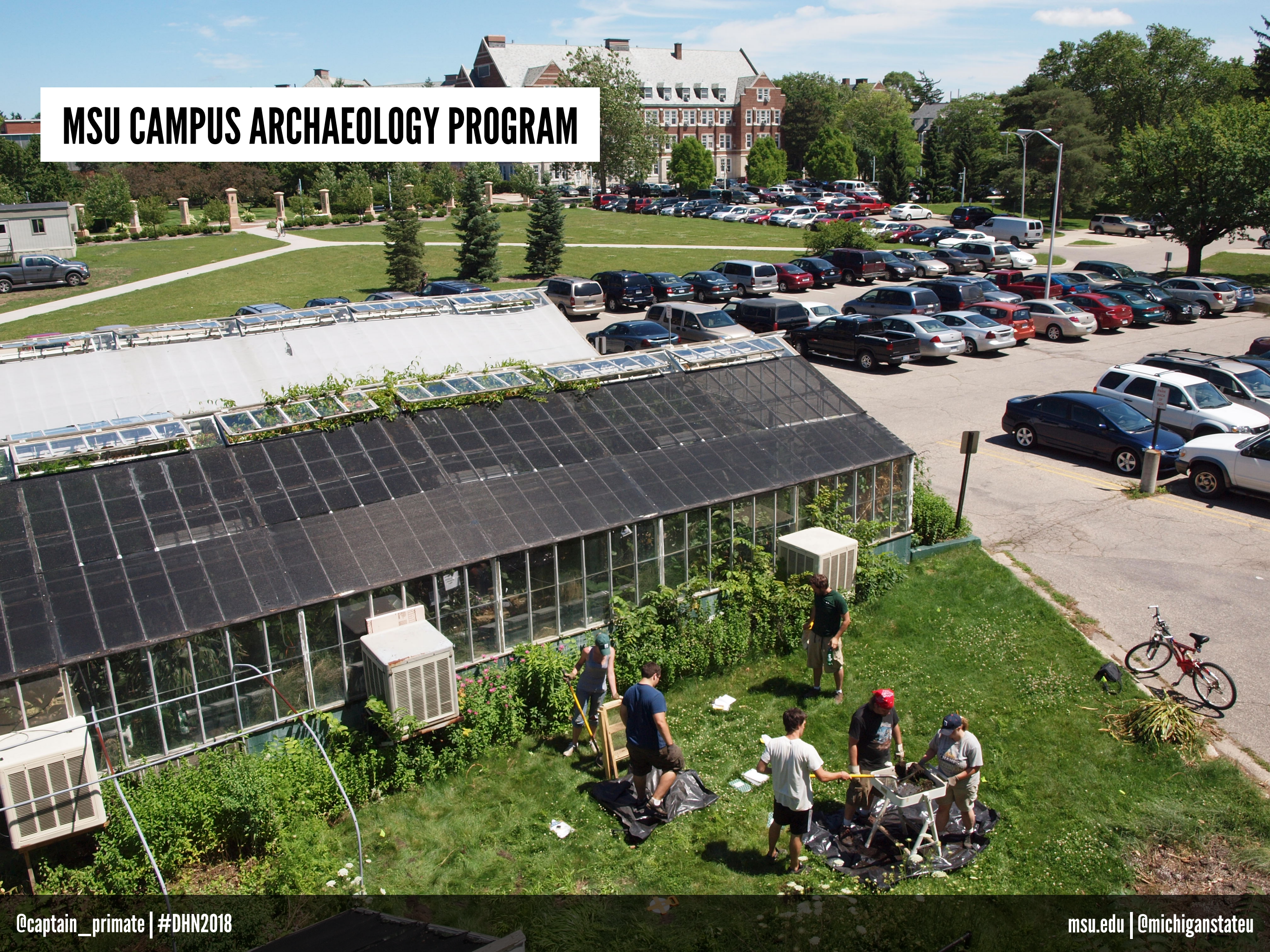








MSU CAMPUS ARCHAEOLOGY PROGRAM













State

Handwritten tag with text: "1850-1876" and other illegible markings.

Saints' Rest 1850-1876
"what manual labor is incompatible with intellectual growth, is contrary to philosophy and experience. Sedentary employment is much more likely to be so. Vigor of body gives vigor to the brain."
- President Joseph R. Williams' address at the college dedication, May 13, 1857.

Saints' Rest 1856-1874
"what manual labor is incompatible with intellectual growth, is contrary to philosophy and experience. Sedentary employment is much more likely to be so. Vigor of body gives vigor to the brain."
- President Joseph R. Williams' address at the college dedication, May 13, 1857.

PROJECT GOALS

- ① **CREATE A MOBILE EXPERIENCE THAT ALLOWS PEOPLE TO ENGAGE WITH THE CULTURAL HERITAGE OF THE MICHIGAN STATE UNIVERSITY CAMPUS**
- ② **EXPOSE AND EXPLORE THE PROCESS BY WHICH THAT HERITAGE WAS UNCOVERED (QUITE LITERALLY, IN SOME CASES)**

PROJECT GOALS

- ① CREATE A MOBILE EXPERIENCE THAT ALLOWS PEOPLE TO ENGAGE WITH THE CULTURAL HERITAGE OF THE MICHIGAN STATE UNIVERSITY CAMPUS
- ② EXPOSE AND EXPLORE THE PROCESS BY WHICH THAT HERITAGE WAS UNCOVERED (QUITE LITERALLY, IN SOME CASES)

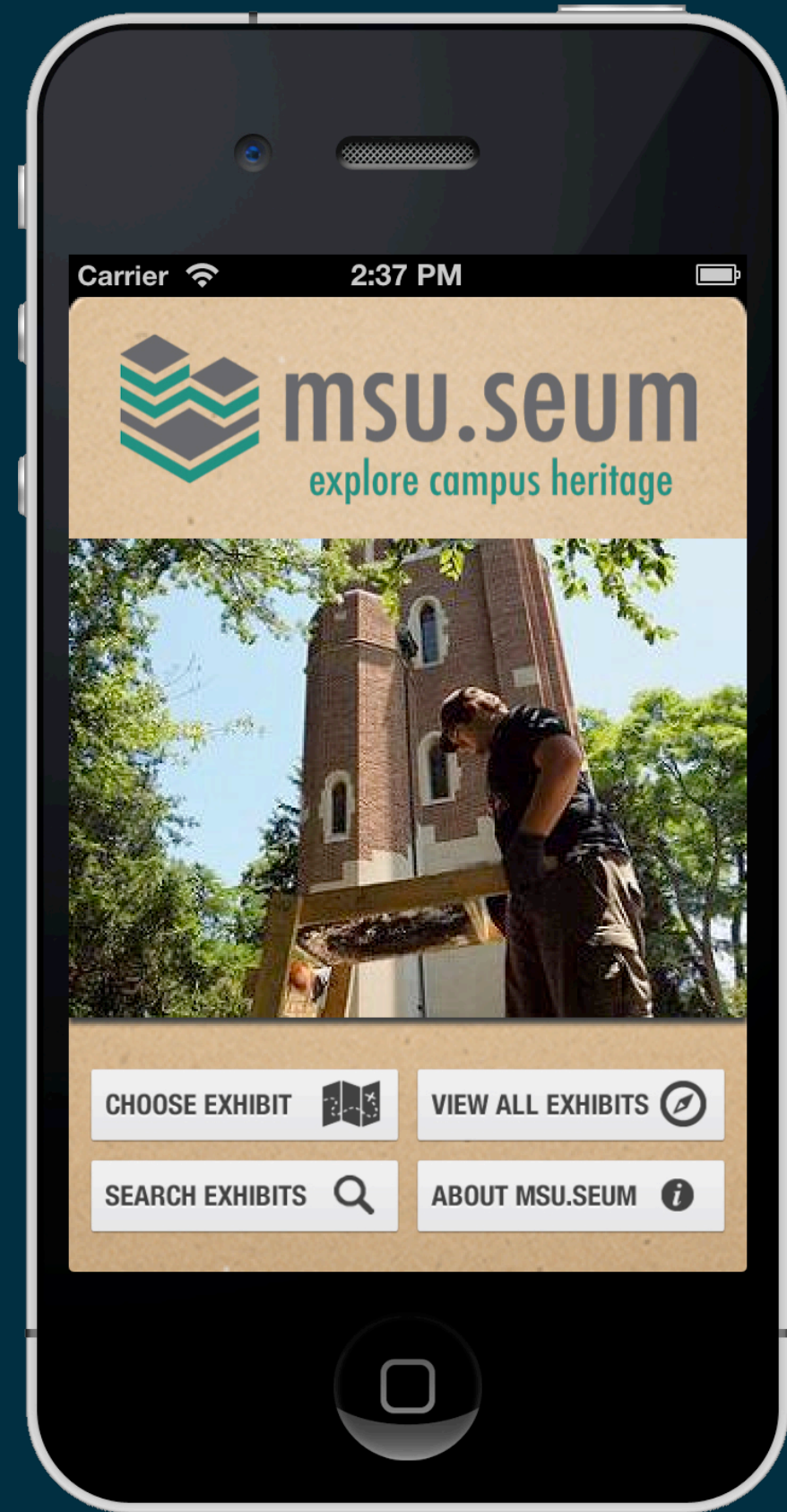


msu.seum



CAMPUS AS MUSEUM

CAMPUS EXHIBITS





CHRONOLOGY OF DEVELOPMENT

EXHIBIT CONTEXT



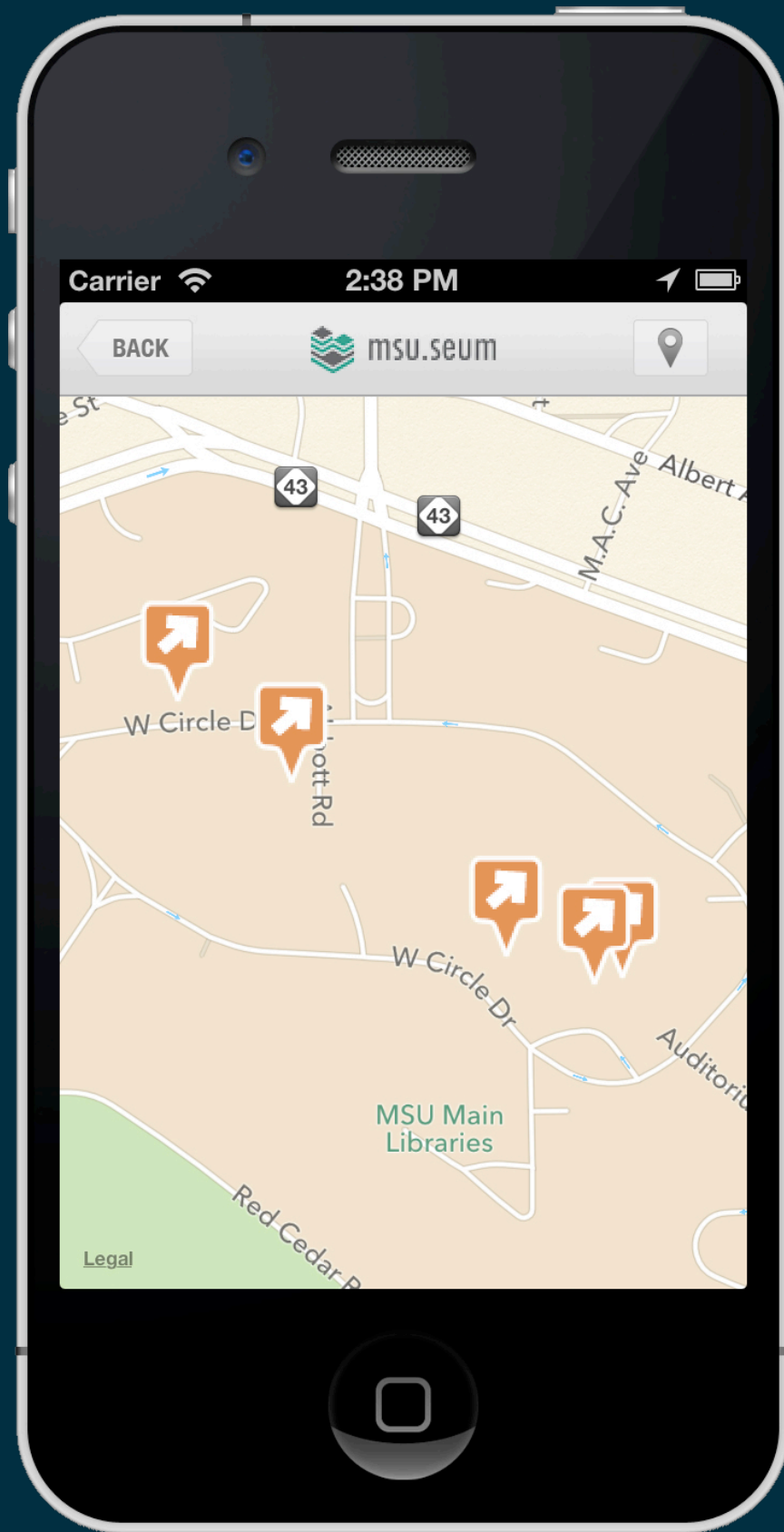
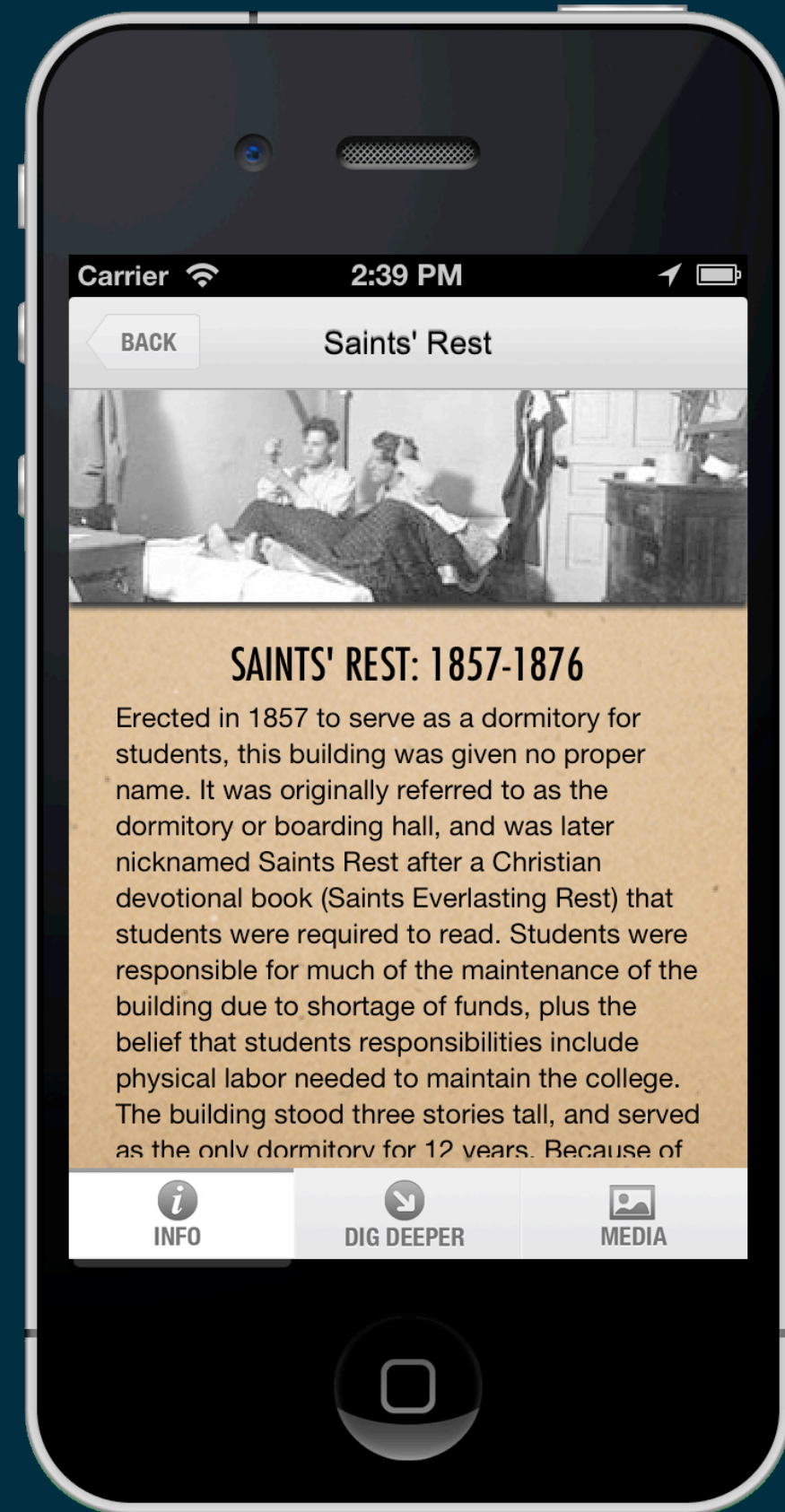
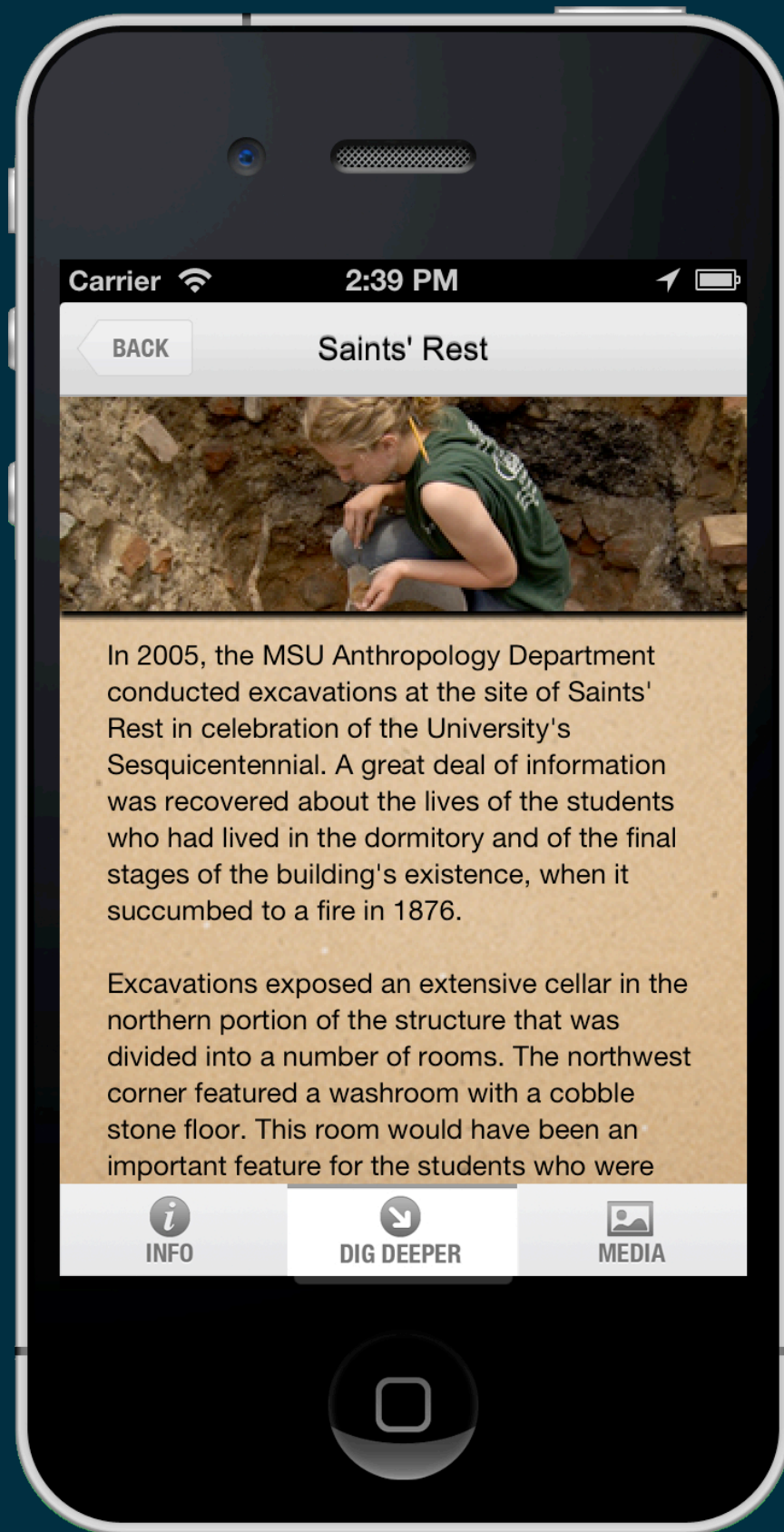


EXHIBIT LOCATIONS

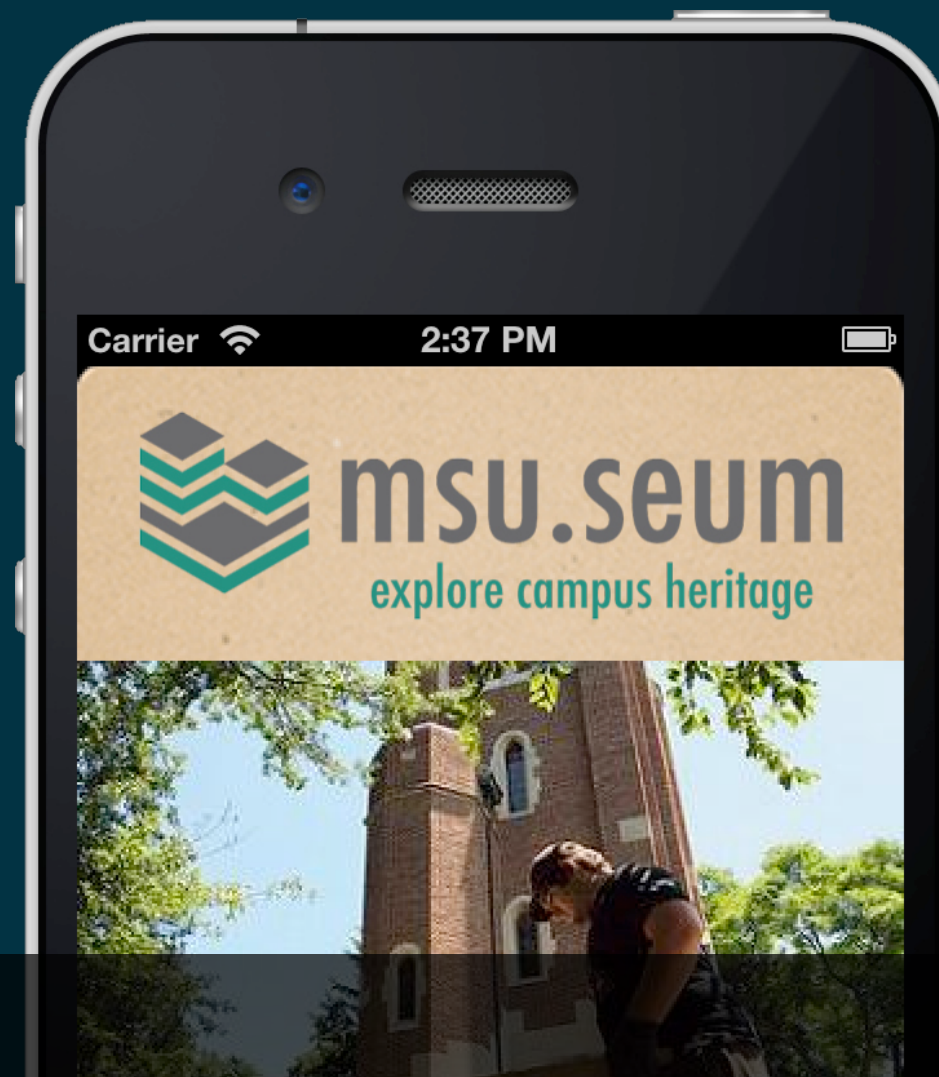
LOCATION INFO





DIGGING DEEPER

ONLY HALF OF THE STORY



CAMPUS ARCHAEOLOGY FIELDSCHOOL



VERSION 1

Digital Heritage Fieldschool, 12 students; 2 weeks. jQuery Mobile + HTML + CSS + Apache Cordova

VERSION 2

(re) built (native iOS) by MATRIX: The Center for Digital Humanities & Social Sciences in collaboration with Campus Archaeology Program

VERSION 1

2011 Cultural Heritage Informatics Fieldschool,
12 students; 2 weeks. jQuery Mobile + HTML +
CSS + Apache Cordova

VERSION 2

(re) built (native iOS) by MATRIX: The Center for
Digital Humanities & Social Sciences in
collaboration with Campus Archaeology Program



GitHub

A wide-angle photograph of a gravel road that curves from the bottom left towards the center of the frame. The road is surrounded by a vast, flat, green landscape that stretches to a distant horizon. The sky is filled with large, white, fluffy clouds against a light blue background. The overall scene conveys a sense of openness and choice.

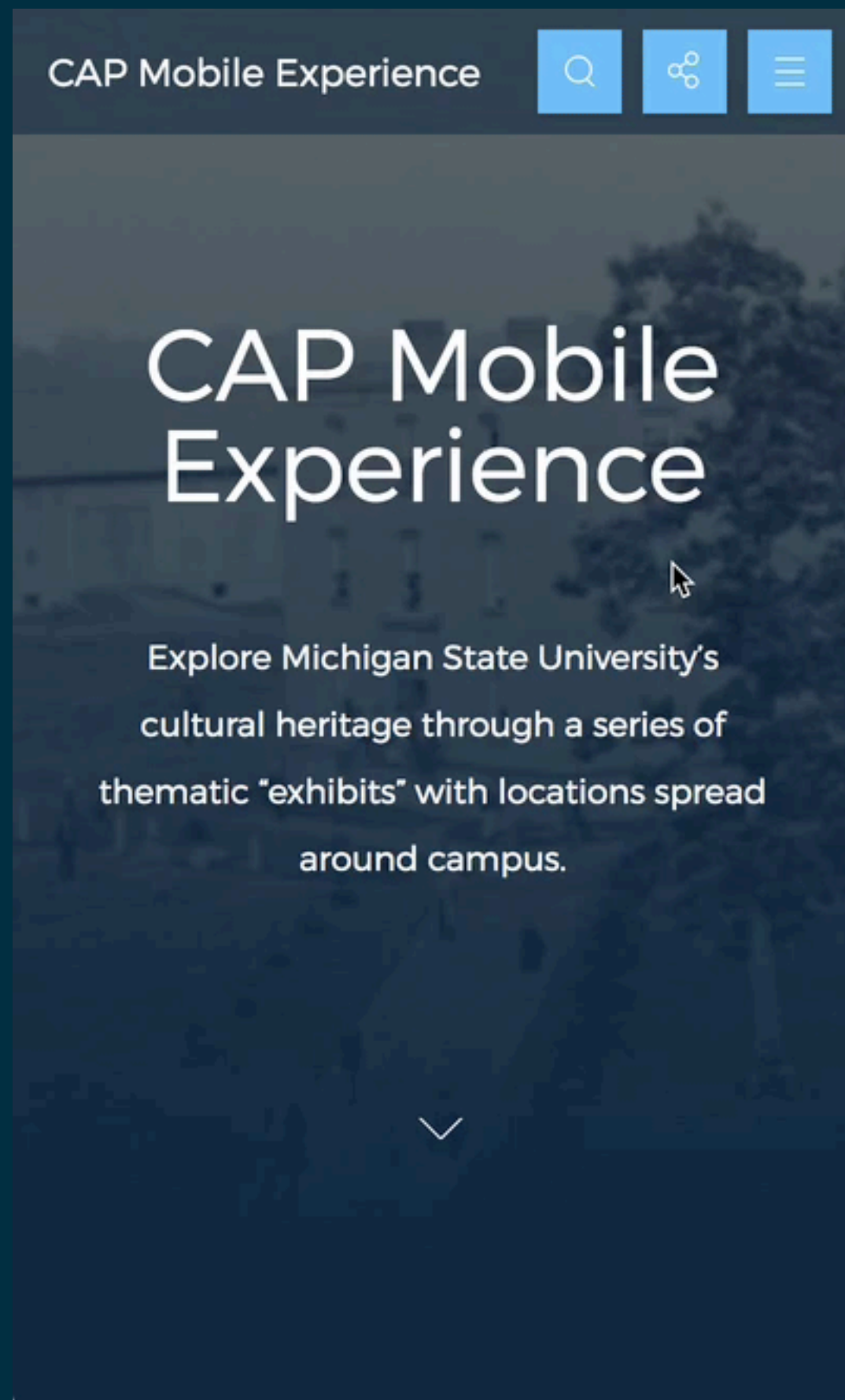
WHERE TO GO FROM HERE?



mbira

MBIRA

Open source platform designed to empower individuals, projects, and institutions to create and sustain compelling mobile heritage experiences.



msu.seum 2.0 (?)

mobile.campusarch.msu.edu

Mari Isa (@marixisa_), MSU Dept of Anthropology PhD student & Campus Archaeology graduate intern

The next generation of the Campus Archaeology mobile heritage experience - powered by mbira.

Work in progress, will eventually replace msu.seum and provide a more dynamic and sustainable platform for communicating MSU's campus heritage

THE PUNCHLINE...

(what have we learned + what are we thinking about mobile campus heritage?)

THE PUNCHLINE...

Sustainability of campus mobile heritage experiences is a persistent challenge that is rarely considered from the beginning

THE PUNCHLINE...

Just because you built it, doesn't mean they are going to use it.

THE PUNCHLINE...

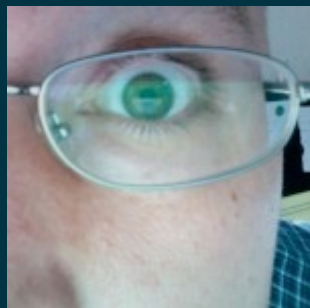
Campus mobile heritage experiences shouldn't be static. Instead, they should reflect changing knowledge about the university and broader university themes

THE PUNCHLINE...

Campus mobile heritage experiences provide an opportunity to bring to light complicated (and often uncomfortable) aspects of university heritage.

FIN

(THE END)



Ethan Watrall

Department of Anthropology

MATRIX: The Center for Digital Humanities and Social Sciences

Michigan State University

@captain_primate | watrall@msu.edu

