

Community Partnership Initiative

MIS Capstone 2018 Fall & 2019 Spring Students¹, Waheed Alam¹, Narahari Sundaragopalan¹, Keristiena Dodge², Robyn Loos³, Dr. Sashin Pawaskar¹

Description

UNO has a long-standing commitment to community engagement. To further this commitment, the Community Partnership Initiative (CPI) was created by the campus-wide Community Engagement Measurement and Assessment Committee to help document and explore the reciprocal and mutually-beneficial relationship with UNO and its Community Partners. The CPI application was designed to give the University a way to create and track community projects online, and the application lays the framework for the University to measure and quantify the impact of its work with the community.

Problem Definition

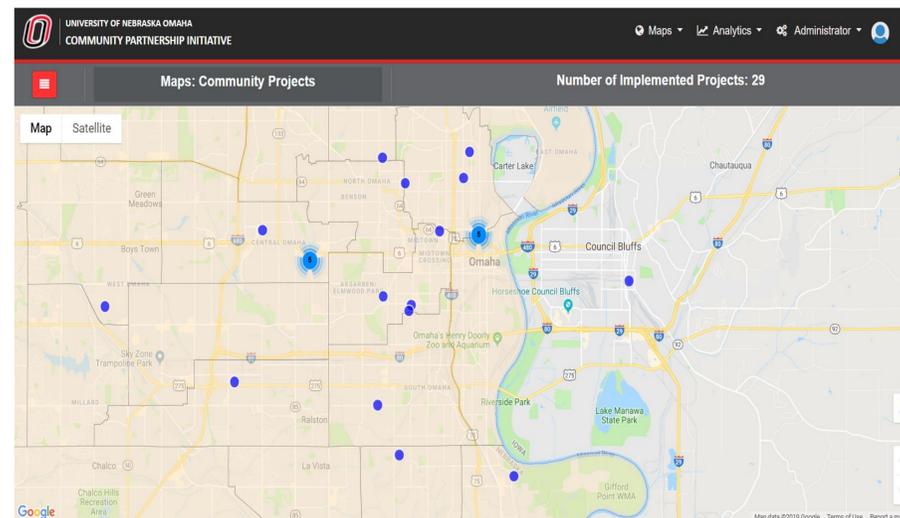
In its current state, the application is difficult for users to access to the website, see information accurately, or register new partners and users. In addition to having a tool for partners and users to manage their projects, the Community Partnership Initiative also needs an application that highlights the different ways the University is working to benefit communities by providing visual information on where and how the projects are being implemented as well as data analysis tools.

Application Home Page

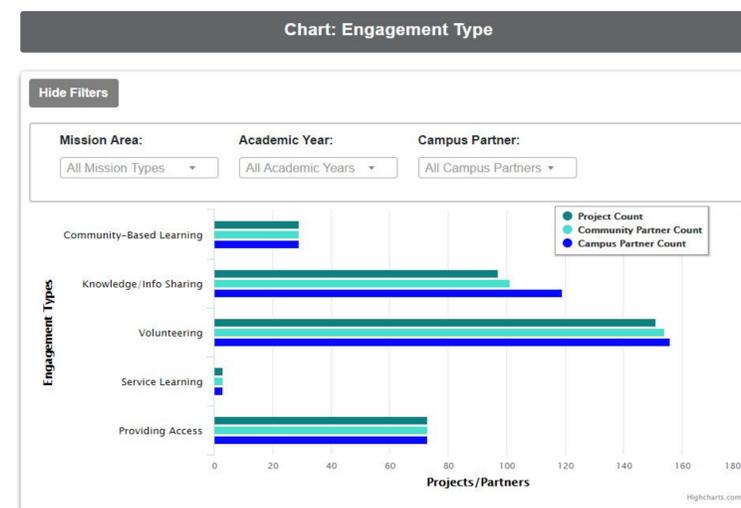
Proposed Solution

In order to meet the requirements of Community Partnership Initiative, the application will be production-ready by May 1st, 2019. In addition to making the application functional, several enhancements will be added. A CMS tool will be added to the homepage so that the content can be updated easily and as frequently as desired, Google Maps API will be utilized, a drill-through capability will be added to the maps where users can drill down for more information on their projects, security and data validation checks will be added to make the data more robust, and the UI will get an update to be more mobile-friendly and ADA compliant.

Map Integration



Interactive Charts and Reports



Results

- Reduce errors in data input
- Give users more control over their profiles and projects
- Ability to dynamically control homepage content
- Added data capabilities with Google Maps API
- Make the website more accessible to all users
- Better flow and data definitions for better context on forms
- More mobile-friendly

Conclusion

UNO values its reciprocal and mutually-beneficial relationship with its community partners. The CPI application will enable the University to better track and highlight the various collaborations with community partners and projects the University is doing with the community. Having a user-friendly and highly-functional application will also enable UNO to better assess the impact on the community by making the data more timely and the application a more representative, up-to-date snapshot of past and present projects. This tool will assist UNO in its commitment to community engagement.

Participating Organizations



1. College of Science and Technology University of Nebraska-Omaha
2. Office of Academic Affairs
3. Barbara Weitz Community Engagement Center