2019 BIG DATA HACKATHON PROJECT SUBMISSION FORM

Complete the following information and upload to your team number GitHub repository (github.com/BigDataForSanDiego) by 10:00 a.m. on Saturday, March 16th (along with your team's final pitch presentation slides).

Team Number: 225

Team Name: DefaultGroupName

Team Members:

Name	Active SDSU student?	Female active SDSU student?	Active SDSU veteran?	14th grade (college 2nd year) or younger
Aditi Gaur	☐	☐	☐	☐
Amol Modi	☐	☐	☐	☐
Andrew Solomon	☒	☐	☐	☐
Bryan Hayes	☒	☐	☐	☐
Caleb Christiansen	☒	☐	☐	☐
Gabriel Barrera	☒	☐	☐	☐
Jacob Helfman	☐	☐	☐	☐
John Kennon	☒	☐	☐	☐
Sara Kazemi	☐	☐	☐	☐
	☐	☐	☐	☐

Team Leader: Bryan Hayes

A question your team is answering (check a box OR provide a question your group created)

Smart City

☒ How can we increase the quality of communication between the public and government agencies?

☒ How can I report my issues to the government?

☒ How can I discuss issues in my community?

☒ How can we effectively and efficiently express our ideas and concerns to our local representatives?

☒ How can the needs of San Diegans best be met?

Smart Transportation

☒ How can we ensure that public transit reaches those who need it?

Your team's hackathon idea in TWO sentences:

ICAN (Internet Community Action Network) is a platform for San Diego community members to address deficiencies in public services by reporting, discussing, and voting on improvements to city amenities. Users can suggest new bus stop locations, provide feedback on public facilities, discuss suggested improvements and read about ideas that are relevant to their concerns.

Dataset(s) your team are using for the project. Provide name and URL:

Transit Stops Locations https://data.sandiego.gov/datasets/transit-stops/
Transit Routes Lines https://data.sandiego.gov/datasets/transit-routes/
Recreation Center Locations https://data.sandiego.gov/datasets/recreation-center-locations/
Park Locations https://data.sandiego.gov/datasets/park-locations/
Library Locations https://data.sandiego.gov/datasets/library-locations/

The impact of this project on your selected theme:

This project leverages widely-available smartphone and computer technology to quantitatively measure public opinions about public resources. Crowdsourced data about community needs can help drive policy decisions at the local and city levels, ensuring that public resources are allocated in a way consistent with public desires. The social element of the platform will also encourage individual involvement in community planning.

The next steps needed to launch the project:

Once we build a portal for community administrators and public officials to view data gathered by the platform, the next step would be to build public awareness of the application through advertising so iCAN could begin gathering data. Then, we would encourage public officials to use the iCAN platform to assess constituent needs for public services in their policy-making decisions.