**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).

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| **Team Number:** | **112** |

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| **Team Name:** | **What the Health** |

**Team Members:**

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| *Name* | *Active SDSU student?* | *Female active SDSU student?* | *Active SDSU veteran?* | *14th grade (college 2nd year) or younger* |
| **Emma Westin** |  |  |  |  |
| **Alexa Barnes** |  |  |  |  |
| **Will Tran** |  |  |  |  |
| **Ese Uyovbievbo** |  |  |  |  |
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| **Team Leader:** |  |

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

**Smart City**

How can San Diegans have better options for parking in high-traffic areas to void congestion?

How can we get an emergency vehicle to the scene in shortest possible time can save lives?

Your question: How can we encourage San Diegans to utilize public transportation in order to reduce traffic and reduce parking concerns.

**Smart Environment**

How can San Diegans have access to better air quality indoors and outdoors?

How can we clean San Diego beaches effectively?

Your question: How can we encourage San Diegans to use public transportation in order to reduce our carbon footprint?

**Smart Education**

How can schools better utilize their physical resources?

How to provide better school bus routing plan for San Diego Unified School Districts?

Your question:

**Smart Transportation**

How can San Diegans make better transportation decisions of getting from point A to Z that leaves a smaller carbon footprint?

Your question:

**Smart Health**

How can we share useful public health information and web analytical tools for improve public health in San Diego?

What chronic diseases affect San Diegans and how can these conditions be managed daily?

Your question: How can we encourage San Diegans to use public transportation, which is proven to have a positive impact on health and chronic disease.

**Your team’s hackathon idea in TWO sentences:**

Create a reward/point system to change commuter habit. Together, MTS, local businesses, and motivated data scientists can work together to create a loyalty program that will engage and expand their customer bases.

**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/>

**Active & Registered Business Listings** https://www.sandiego.gov/treasurer/taxesfees/btax/nblactive

**The impact of this project on your selected theme:**

This will improve San Diego’s public health by increasing physical activity, benefit the local economy by connecting riders with local business, and have a positive impact on the environment by reducing San Diego’s carbon footprint.

**The next steps needed to launch the project:**

Partnering and building the rewards application with Compass Cloud, contacting local businesses identified within a radius of transit stops, marketing and public awareness.