**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:** | **220** |

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| **Team Name:** | **NERD HERD** |

**Team Members:**

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| *Name* | *Active SDSU student?* | *Female active SDSU student?* | *Active SDSU veteran?* | *14th grade (college 2nd year) or younger* |
| **BENJAMIN HUYNH** |  |  |  |  |
| **ADRIAN FERNANDEZ** |  |  |  |  |
| **WENDY DE LEON** |  |  |  |  |
| **ABIGAIL DABU** |  |  |  |  |
| **ROSELYNN CONRADY** |  |  |  |  |
| **TONY NGUYEN** |  |  |  |  |
| **TRI LE** |  |  |  |  |
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| **Team Leader:** | **BENJAMIN HUYNH** |

**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:

**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:

**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:

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

WE ARE REMOVING THE LANGUAGE BARRIER AND CREATING AN ECOSYSTEM/PRODUCT THAT WILL PROVIDE A FEEDBACK LOOP AND ACCOUNTABILITY. OUR EARBUD TRANSLATION DEVICE CONNECTS WITH SMART BOARD TECHNOLOGIES TO OVERALL ENHANCE THE DEPTH OF THEIR LEARNING EXPERIENCE.

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

SMARTER BALANCED ASSESSMENT TEST RESULTS 2018

[**https://caaspp.cde.ca.gov/sb2018/ViewReport?ps=true&lstTestYear=2018&lstTestType=B&lstGroup=4&lstCounty=37&lstDistrict=68338-000&lstSchool=0000000**](https://caaspp.cde.ca.gov/sb2018/ViewReport?ps=true&lstTestYear=2018&lstTestType=B&lstGroup=4&lstCounty=37&lstDistrict=68338-000&lstSchool=0000000)

LTEL (6+ YEARS) DROP OUT RATE BY SCHOOL

<https://www.sandiegounified.org/demographic_data>

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

LOWER DROP OUT RATE, HIGHER COLLEGE ADMISSION, AND EXTENDING EQUAL ACADEMIC OPPORTUNITIES TO STUDENTS THAT TYPICALLY WOULDN’T BE EXPOSED TO.

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

FIRM UP THE OVERALL CAUSATION, SINCE WE CAN’T CONTROL WHAT HAPPENS AT HOME AND OUTSIDE OF SCHOOL. BUT HOW CAN WE USE OUR FEEDBACK LOOP IDEA TO CREATE ACCOUNTABILITY AND SELF INIATIVE THAT WILL SHOW STUDENTS THAT THE POSSIBILITIES ARE ENDLESS.

LASTLY, WE NEED TO FIGURE OUT AN ADOPTION STRATEGY BECAUSE OUR TARGET DEMOGRAPHIC, WE ASSUME WOULDN’T BE ABLE TO AFFORD A HIGH TECH PRODUCT, AND SDUSD BUDGET IS EXTREMELY LIMITED. WHO’S PAYING?