**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:** | **204** |
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| **Team Name:** | **F.A.M.E** |

**Team Members:**

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| --- | --- | --- | --- | --- |
| *Name* | *Active SDSU student?* | *Female active SDSU student?* | *Active SDSU veteran?* | *14th grade (college 2nd year) or younger* |
| **Omar Aljedani** |  |  |  |  |
| **Nika Nizharadze** |  |  |  |  |
| **Gurami Keretchashvili** |  |  |  |  |
| **Kinjal Gala** |  |  |  |  |
| **Saipriyati Singh** |  |  |  |  |
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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:

**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:**

Sending text notifications to the elderly to remind them about their next daily task. The algorithm we created can predict their daily routines with 99% accuracy.

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

<https://uni-tuebingen.de/fakultaeten/mathematisch-naturwissenschaftliche-fakultaet/fachbereiche/informatik/lehrstuehle/human-computer-interaction/code-datasets/morning-routine-dataset/>

<https://archive.ics.uci.edu/ml/datasets/Activities+of+Daily+Living+(ADLs)+Recognition+Using+Binary+Sensors>

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

The impact is to help people who suffer from Alzheimer’s live independently on their on without the need to pay for care giving service.

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

We already have the sensors implemented in our test room and they are working based on the algorithms. It can be implemented locally, in one home for example. The only thing we need is to think about how we’re going to launch this idea in a bigger market place considering the costs of hardware parts.