

Project Ideas

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Joseph's Idea:

Source: WHO (World Health Organization)
Health Workforce

Customers: Individuals looking for a better nursing job, Allows companies to nestle in to low health worker population, Individuals that want to move to a safer area from disease and injury.

Describe: This dataset provides how many workers in the health industry are working in an area, such as doctors, nurses, clinics and more. The information from this data set will allow people to know the safer areas of the world are if they would like to move out of there area into that area, this also allows individuals to check the "safety" of their area with this information. The last example I will give about this data set would be if companies want to put hospitals or nurses or clinics in areas that are deficient of health workers. From this dataset there is a correlation between disease and injury problems to areas without sufficient health workers.

Product Vision:

FOR: Nurses, Doctors, Other Health Force Workers

WHO: want to look for jobs in the workforce, people that want to move to areas that are sufficient in health force workers which allows them to be safer and healthier and people that want to make areas that are deficient in health force workers better off and supply better care.

THE: Health Work is a mobile application.

THAT: Gives a reason to believe that an area is safer or understaffed.

UNLIKE: Other medical data apps or hospital webpages.

OUR PRODUCT: allows people to see first hand and the correlations to disease and other injuries from the data or health force workers.

Major features: Health Care, Job Listings, Disease control information, safer areas from disease.

Robert's Idea

Adult Literacy VS Average Income

<https://www.kaggle.com/komalkhetlani/youth-and-adult-literacy-rate-around-the-globe>

Customers: People looking to increase adult literacy, or to help lower income nations

Problem: Adult Literacy effects average income, by improving one, we can improve the other
Product Vision: For nonprofit organizations who want to assist in low income communities to improve adult literacy.

Major Features: We can compare literacy by Country, Region and Sub region, allowing us to focus on areas that need the most improvement

Bryson's Idea

Hurricane forecaster

Source: NOAA, Hurricanes and Typhoons, 1851-2014

<https://www.kaggle.com/noaa/hurricane-database>

Customers: Customers would be future residents or current residents of costal areas near the atlantic. As well as potentially city planners and civil engineers.

Product Vision:

FOR: Residents and civil engineers

WHO: people who are trying to figure out their property management when it comes to areas affected by flash flooding or at high risk of damage. It can also help city planners decide where to dedicate city resources to help protect citizens from hazards such as flooding, and plan safe evacuation routes.

THE: Hurricane forecaster is a free mobile application anyone can download

THAT: Helps citizens get an early warning and advice on what to do next

UNLIKE: A normal app or weather radar

OUR PRODUCT: Will be able to have information posted by the National Weather Service as well as local authorities on what to do incase of an emergency. The app will also be able to warn users ahead of time if conditions are becoming right for a major storm.

Major features: A weather radar with potential storm information. Evacuation routes for local residents in case of emergency. And area risk heat map.

Pranav's Idea

Source: Kaggle [<link>](#)

Description: This dataset will help you discover the caloric content and other facts about common foods. When you use this dataset to understand how your body gets energy out of your favorite meals and snacks, paying particular attention to the number of calories in food you've eaten, you could be empowered to make dietary choices that never leave you with guilt.

Customers: Dieticians, Actors/Actresses, Gym Trainers and other individuals who want to keep a tab on their calorie intake.

Problem: Often people who want to lose weight or maintain shape visit dietitians to make sure that their calorie in-take is in check and eat healthy stuff. But sometimes they wish to have a cheat day where they want to have anything they can irrespective of the calories it carries. But if you've been dieting for a while, you find yourself contemplating whether you can eat this or not, whether it is going to disturb your diet or not. With this data set, users can keep track of how many calories do some of the most famous guilty pleasures (in terms of food) carry and can reach a conclusion. This will also help dietitians make efficient diet charts instead of having to Google the calorie count for every food.

Product Vision:

FOR: Dieticians, actors/actresses, gym trainers and individuals who like to follow a diet chart

WHO: want to keep a check on their daily calorie intake to maintain shape

THE: Calorie-nator is a quick-access mobile application

THAT: helps you discover the caloric content and other facts about common foods by paying particular attention to the number of calories in food you've eaten

UNLIKE: Noom that builds a weight loss program based on food-intake

OUR PRODUCT: does not build a diet -chart or training regime for you. It lists the various calorie counts for common foods.

Major Features: A list of calories for the foods mentioned assisted with the weight of the food. A calorie calculator, a scheduler to help dieticians set up charts.