Group 4 Project Ideas

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Ryan Bass

* List the source of and describe at least 1 potential datasets (8 total points)
* <https://collegescorecard.ed.gov/data/>
* This is a data set that contains data on all U.S colleges, including information about college completion, debt, earnings, etc.
* Identify who your customer/s would be (8 total points)
* Potential customers would be those looking to find the best college to go to depending on their desired major, location, and cost.
* Describe the problem that the proposed project solves and justify its need (10 total points)
* Trying to find the right college that meets all your requirements, while also being the best fit, is a long and troubling process for a lot of people thinking about college. This project would solve this need by providing a useful visual interface that finds the best colleges for you based on your specific requirements.
* State the product vision and how your web-based project would be useful to society (8 points)
* This college matching project would ultimately provide the user with quality suggestions that can point them in the direction of choosing the college that is the best fit. This is beneficial and useful to society because it would remove the hassle of researching countless colleges to find the one that is the best fit for the user’s situation.
* Identify the major features (12 total points)
* Users can enter their requirements and narrow down their search query
* Results shown that match user’s query
* User can see specific data on that college when selected

William Butler

1. List the source of and describe at least 1 potential data sets(8 total points)

* <https://www.valuepenguin.com/average-student-loan-debt#:~:text=The%20average%20college%20debt%20among,outstanding%20in%20student%20loan%20debt>.
* This data set can be used to gain insight on the amount of debt College Students suffer from allowing for a more accurate depiction of ways to better manage money.

2. Identify who your customer/s would be (8 total points)

* Our customers would be primarily college studnets that are struggling financially or are just trying to stay ahead of their finances.

3. Describe the problem that the proposed project solves and justify its need (10 total points)

* Managing money is difficult especially for college students, an app that gains insight into what you're spending you're money on, to finding classes that have cheap textbooks. Our app will help College Students find ways to pinch a penny whenever and however they can, and being college students ourselves, we have better insight than most on financial struggles.

4. State the product vision and how your web based project would be useful to society (8 points)

* Helping students save moeny would allow them to be more financially independent and less of a liability on society in certain situations. They would be allowed to be financially independent quicker and once they're finished with College, would acquire less debt, eventually being able to pay off their loans quicker.

Identify the major features of each of the proposed projects (12 total points)

* A pie chart that shows how much the student can spend in a certain month, or week, and how much they've already spent. This would be directly at the top and it would give the user notifications when a transaction or something puts them closer to their total amount spent. Another feature would be a debt collector, in which the student would have a lifetime chart showing all of their debt and how long before it's all paid off.

Derrick Li

Matthew Flynn

* List the source of and describe at least 1 potential datasets (8 total points)
* <https://educationdata.org/student-loan-debt-statistics>
* This contains data regarding student loans over the years in various capacities
* Identify who your customer/s would be (8 total points)
* Our customers would be college students learning to manage their finances
* Describe the problem that the proposed project solves and justify its need (10 total points)
* The problem is that handling student loan debt is complicated, and we'd want to simplify it by giving guidance
* State the product vision and how your web-based project would be useful to society (8 points)
* While we can't eradicate student loan debt on an institutional level, giving education and resources to the consumer is vital to their understanding of their own finances.
* Identify the major features (12 total points)
* Education resources on student loans
* Plan maker for student debt
* Contact information on partnered firms for aid

Yuval Lebovich

* List the source of and describe at least 1 potential datasets (8 total points)
* https://data.fivethirtyeight.com/
* This contains data related to journalism or storytelling. There’s data for multiple things like politics, sports, science, economics and more in there.
* Identify who your customer/s would be (8 total points)
* Our customers would be journalist or anyone who wants data for news related events like statistics of a sports team.
* Describe the problem that the proposed project solves and justify its need (10 total points)
* Finding accurate data about the different events in the world is time consuming and then you have to do the fact checking to make sure the information is correct. Our project will use the dataset to make a comprehensive website for journalist to get their information from we will do the fact checking that is needed and categorize the information making it easier for news to be reported.
* State the product vision and how your web-based project would be useful to society (8 points)
* The problem is that the internet contains fake news this website will contain fact check information for journalist or students.
* Identify the major features (12 total points)
* Categorize list of data for whatever journalism you are doing.
* Show the datasets in an easy-to-read manner.
* Help the user turn the datasets they choose into visualizations of the data.