

Name.random() Final Project: Project ideas

Thomas Cowie: Create a GitHub repo for your project. In that repo add a "Documentation" folder. In that folder create a document called "Project ideas" (2 points)

- ☐ Include the name of all of your team members in the document to be submitted (2 points)
- ☐ List the source of and describe at least 4 potential data sets (8 points)
- ☐ Identify who your customers would be (8points).
- ☐ Describe the problem that each proposed project solves and justify its need (10 points)
- ☐ State the product vision and how your web-based project would be useful to society (8 points)
- ☐ Identify the major features of each of the proposed projects. (12 points)

Group 11

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Data Sets

- U.S. Student Time Estimate to Find a Job in 2018
 - Time period covered: Mar 2018 - Apr 2018
 - This statistic shows students' estimates of the time needed to find a job after graduation from college or grad school in the United States in 2018. In 2018, 31 percent of students expected to have a job arranged before graduation in the United States.
 - URL: [U.S. Student Time Estimate to Find a Job in 2018](#)
- Graduates CSV File From the CORGIS Dataset Project
 - Time period covered: 1993 - 2015
 - This statistic shows the year, employment inside/outside their degree field and reason for not working/status.

- URL: [CORGIS Datasets Project](#)
- College Students Who Change Their Majors within 3 Years
 - 2011-2012
 - Illustrates the number of college students who change majors within their time in college
 - <https://nces.ed.gov/pubs2018/2018434.pdf>
- US jobs on Monster.com
 - 2017
 - What kind of job titles correspond with what kinds of wages
 - <https://www.kaggle.com/PromptCloudHQ/us-jobs-on-monstercom>

Customers

- Potential college students and undergraduate students.
- Undergraduate students looking for internships.
- Individuals returning to school to pivot to another career.

Problems that each proposed project solves and justify its need.

- People investing in a college degree need better guidance when it comes to the job market and what they can expect during and after graduation. A degree can be a very expensive and time-consuming pursuit that needs to be well considered before signing up for courses, and potentially loans that must be repaid. There are a lot of career options available and many of them do not require the significant time and financial commitment that a college degree comes with.
- Some individuals are attending college to obtain a degree while working so they can change careers. They need a clear-cut path to get the degree in a short amount of time so they can pivot as soon as possible with minimal expenses.
- Many students by Junior year-end up changing their major/concentration. Maybe it was because they didn't like it but it's also possible they never had concrete information about

the career path they chose. They need knowledge about the said field before trying to pursue it, so they don't have to waste credit hours and money.

Product vision and how your web-based project would be useful to society.

- Signing a promissory note is the easiest part of any college career. Once a student's financial situation is remedied, the real workload and stresses are revealed. Completing assignments and searching for a job can be taxing. While universities do a good job with resumes and interview preparation, potential and current students need at-a-glance data to make informed decisions on their future.
- The product would be useful to society by providing current and prospective students an avenue to select courses based on their career interests.
- It is college when a student sees just how increasingly difficult the real world is. Our product is aimed towards relieving some of that stress by making planning and connecting for college and afterward easier.

Major features of each of the proposed projects.

- Easy to read data and projections to help potential and current students (and families) make informed decisions on college.
- The ability to make all of your career/course decisions while also registering for courses.
- View relevant internship opportunities based on degree program and interests
- Connect with course-relevant career advisors to seek further information on their current major.