

## Group Doc

## Web Scraping Doc

### Product Vision

- **For | who | prod name | unlike competition | our product does \_\_\_\_**
- The product that we are looking to put forth is a platform for current students and other individuals to explore and research what materials and requirements are needed for various graduate programs at UNC Charlotte. We will help our users achieve a thorough understanding of what is needed or expected by implementing a proprietary scanning service that locates the information from various sources and condenses it into one platform for easy access and navigation by our users. There will be additional features to assist with the various steps in graduate school applications and processes such as templates and formats for writing recommendation letters for professors and other faculty, a reminder system for due dates about specific programs and deadlines, and a recommendation system for steps to take towards a graduate degree (what program/experience is required/wanted before the graduate program).
- **Tips:**
- Advisors helped with specifics and process, recommendations for what to put on applications (all information that wasn't available on uncc sites, so going to be hard to gather that information and display it)
- Forums are a good idea, feedback is good (crowdsourcing questions from alumni for programs || ratemyprofessor but just for graduate programs)

### Stakeholders

- Individuals or committees within UNC Charlotte that overlook the information presented on the websites.
- Directors of departments and programs within the university.

### Group Problems / Discovery Questions

- Group Problems:
  - ??
- Discovery Questions:
  - What tools do you use to research graduate programs?
  - What are some aspects that you dislike about some solutions that you have used to the previous question?
  - What are some features that you would look forward to with a similar product?
  - How easy would you say it is to use these solutions to achieve your goals?

- What features would you like to see within our product?
- What are some of your pain points within your current solutions and process, and with our product?

## Personas

### Rough Sketches:

- James Burts
  - 19 years old sophomore at uncc
  - From kannapolis NC
  - Went to a local high school
  - Has several friends that went into various unc universities and complex majors/programs
  - Likes to play games and tinker with some development of game behaviors
  - Has two dogs at home and a younger brother in his family
  - Uses some generative platforms for homework sometimes and is interested in how they work and what applications they could be used for
  - Because of his friends and their paths at university, James is interested in what options are available to him at UNCC since it is local and most likely easiest to work with a job because of the size of Charlotte
  - James has looked over the website of UNC Charlotte and found it to be a bit confusing to navigate and really what the programs are really about and what all they entail.
- Ellie Queens
  - 21 year old senior at UNC Charlotte
  - Psychology major
  - Transferred from a community college to uncc the previous year for a better education/more opportunities
  - Struggling with what steps to take and how to go about getting recommendations for a graduate program application
  - Having experience working with kids and young adults via babysitting and youth groups at her local church has given Ellie a boost in her confidence of fundamental psychology theorems and her interpersonal skills.
  - Because of her confidence in her social skills, Ellie is finding the recommendation process frustrating as she does not know who to turn to and how to approach them for such an important program.
- Madison Shells
  - 17 year old senior at providence high school
  - Wants to see what options uncc has for graduate programs and if it would be smart to go there for undergrad/graduate school

## User Journey Map

- Students and prospecting students find out via searching on the web after seeing recommendations in emails
- Visitors access the site and browse the various tools that are available
- Visitors integrate with the website and use some tools to reach out and interact with faculty and advising for more information/processes
- Using other features, recommendations are made about specific courses or programs and visitors/members use that information
- With the aforementioned information, students make decisions about what courses to make and programs to prepare and apply for with built-in features to support that

## HMW Notes

How may/might we:

- Generate a cohesive scraper to platform conversion?
- Ensure that programs and topics are easily accessible/navigated?
- Create a recommendation system that is generalized and has several FAQ things answered or addressed (as a bonus maybe)?
- Locate resources efficiently for our own platform and filter them for factual information (moreso so that there isn't conflicting information like due dates)?