

W04 Final Project:

Application Proposal

1. Overview:

- What is the problem we are trying to solve?
 - When we are young, in many ways, we may feel lost about our future and what to do with it, sometimes we need some guidance to find our passion in life and choose the right career that better fits who we are
- Why are we doing this?
 - So we can bring this guidance and a job search together in one place

2. Who is the audience?

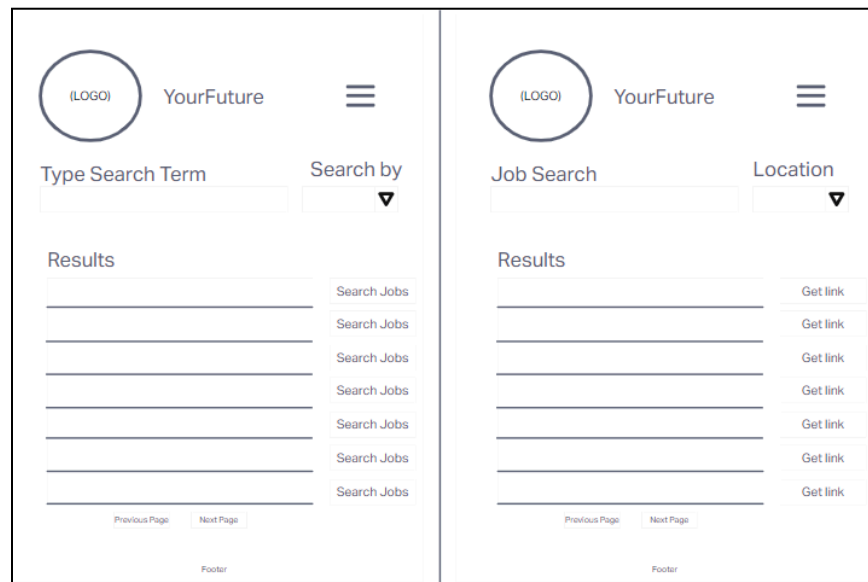
- Everyone needs to find and choose a career and a job according to their needs and skills, but especially young people who must choose a career

3. List of the major functions of the application. What will it do? List these in as much detail as you can.

- loadHeaderFooter → Loads header and footer dynamically into page
- getData → Fetch data from APIs
- renderResults → Loads results dynamically into page filtered by filtering criteria
- searchThisJob → Once we have searched and found a job we are interested in, we can click on it and search job postings for that job

4. Wireframes of the major views (Mobile and desktop...do the mobile wireframes first!)

- Mobile Version:



- Desktop Version:

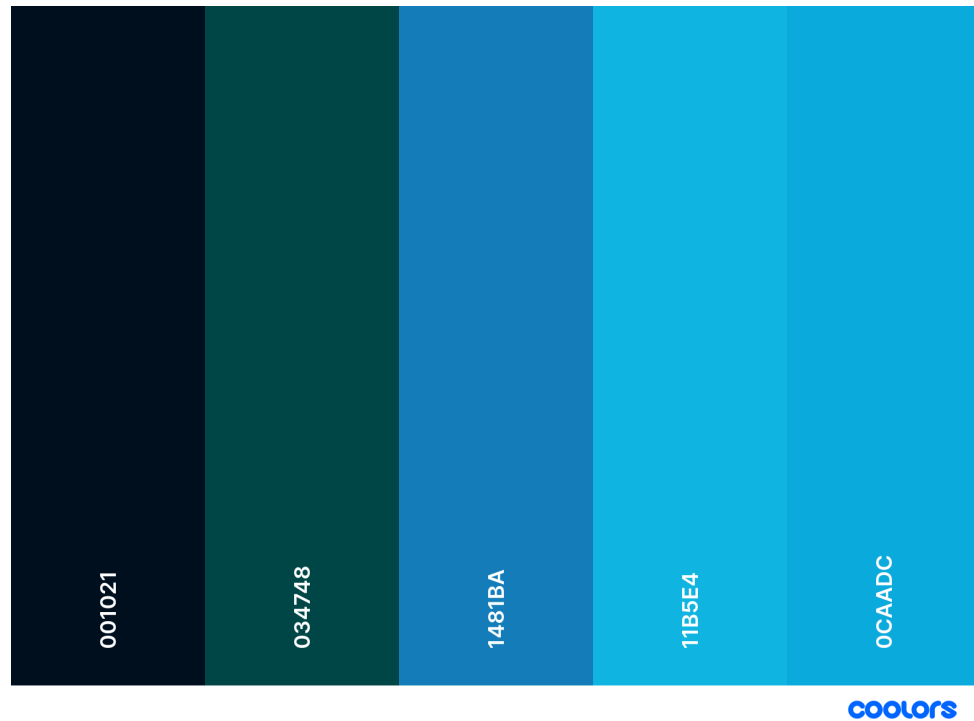
5. External API Data source(s).

- Open Skills API Architecture (to search job ideas according to skills or other jobs):
https://github.com/workforce-data-initiative/skills-api/wiki/API-Overview?ref=public_apis
- USAJOBS (Search engine API, to search job postings according to job name and location):
https://developer.usajobs.gov/?ref=public_apis

6. Initial Module list

- Utils.mjs
- jobData.mjs
- jobDetails.mjs

7. Colors/Typography/specific element styling



8. Schedule to provide yourself mile markers along the way to help you stay on target
- Week 5:
 - Research and gather all information relative to APIs to be used, adjust changes or APIs if necessary
 - Create GitHub repositories and prepare all the required development tools.
 - Work on the main HTML and CSS structure according to wireframes, adjust if necessary
 - Start working with APIs to understand how data is working
 - Week 6:
 - Create modules to filter data according to the proposal
 1. jobData
 2. jobDetails
 - Adjust CSS and work on responsive styling
 - Work on filtering data functionality
 - Week 7:
 - Testing and bug fixing
 - Test page performance and check design principles (white space, color contrast, etc)
 - Final adjustments

9. Link to a Trello board with all the tasks you can think of at this point defined as cards. Again be as detailed as possible here.
 - <https://trello.com/b/so1Keojy/job-apis-project>