**Independent Project Outline**

1. Project Name
   1. Job searching web application.
2. Tools
   1. HTML, CSS, JavaScript, and Node.js (express.js)
   2. VS code, MongoDB, and Hostinger/AWS
3. Purpose of this application
   1. It is a job searching web application that helps users to search for jobs quickly.
   2. It allows users to contact the job provider.
4. Main Functionality
   1. Searching for jobs by entering job keywords and/or locations.
   2. By clicking the APPLY button, it will bring the user to the apply page, and the user can enter their information in the form. Also, upload resume, after clicking the submit button, the job provider will receive data via email.
5. Additional Functionality
   1. This web application also allows job providers to post available jobs.
   2. Unfortunately, I do not have enough time to complete this part. But it is a good idea to add additional future in the future.
6. Data storage
   1. MongoDB is a good data management tool.
   2. I only used some simple data in the JSON file to test the application. If this is a real-life application, I am going to use MongoDB to manage related data.
   3. In this application, data storage may not be necessary.
7. API Design
   1. RESTful APIs for communication between the front-end and backend.
   2. Node.js(express.js)
8. Hosting the website
   1. Hostinger is a simple tool to host the website.
   2. AWS is also a popular tool but more complicated than Hostinger.
   3. I know how to use both to host a website, but it is not necessary to pay for it for this project.