

FINAL YEAR PROJECT PROPOSAL DEFENSE PREPARATION.

POSSIBLE QUESTIONS.

1. What problem are you solving?

In the broad view, we are solving unemployment. Here, we go ahead that unemployment has various causes and one of them is lack of awareness of the available job opportunities and on the employer's end, sometimes they can't hire the competent and good people suited for the position.

Our project ensures tries to combat the problem.

2. Then they can be like, how does your project combat it?

Here, we say what our system does, adding available job postings, send emails to inform the users of the new job postings, job recommendations and for the employers, they can get suitable employees from the profiles that are uploaded to the system by different out there. Our system also helps job seekers to apply for different jobs from within the system and helps the employers to schedule interviews.

3. They can be like, there are very many apps doing this already, what are you adding?

- ❖ Most don't have real time notifications.
- ❖ You can't apply from within those applications.
- ❖ Some of them are one-sided, only consider the employee side and not the recruiter side.
- ❖ Plus, **AND MOST IMPORTANTLY**, ours will be having AI integration in it for the recommendation.

4. Then they can be like why AI? Can't you do the recommendations without AI?

Yes, you can BUT AI offers very many advantages.

The first being **personalization**. If not using AI, you could use filters based on predefined criteria such as job titles, category, and all, this lacks the depth and would just generate generic suggestions.

The second is **continuous learning**. Without AI, the systems rely on static rules and criteria for generating job recommendation. But if we use AI together with machine learning, the system can continually learn and adapt as these systems can identify patterns and trends allow to better the recommendations.

The third is **scalability**. As the user base grows, the system becomes more inefficient but when we are using AI, AI can analyze and process large amounts of data.

5. How are we going to prevent people from posting fake jobs.

Fake jobs... we will have to first check company credibility from the information they provide.

6. How are we going to secure the system?

We need to know how we are going to secure the system for example, password hashing, session management, sanitize inputs and since we are using mongo db, we will be protected from SQL injections because mongo db is a no SQL database.

We need to know the different job portals out there and what they are lacking. AT LEAST FIVE. Visit and check out what they may lack.

1. The Ugandan jobline.
2. Elite jobs
3. Ever jobs
4. Job web Uganda.
5. Brighter Monday.

NB: OUR PROJECT IS MAINLY CENTERED AROUND AI. THE WEB APPLICATION PART, MOST OF THE ALREADY DEVELOPED WEB APPS HAVE LITERALLY EVERYTHING SO OUR MAIN ADDITION TO WHAT IS ALREADY EXISTING, IS AI

PLEASE LET'S GO THROUGH THE PROPOSAL AND ANY OTHER QUESTIONS THEY ASK US, PLEASE RELATE FROM THE ANSWERS ABOVE OF THE POSSIBLE QUESTIONS.

Parts allocation in case they ask.

Ronald and Born – AI algorithm, training, testing, hyperparameter tuning, hooking it up as an API, etc.

Ainamaani and Huzaifa – Platform development that will accommodate the web application, backend, and frontend.

We need to be knowing very well our respective parts and what we will use and how because they can ask us what is AI? What is hyper parameter tuning? What is an API? What is machine learning? etc.

