Mini Project Report

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By

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CERTIFICATE

This is to certify that the dissertation entitled "Project Report" submitted by **Dodla Rosemary** bearing Id.No.**R170024**, in partial fulfillment of the requirements for the award of Bachelor of Technology in Computer Science is a bonafide work carried out by her under my supervision and guidance.The dissertation has not been submitted previously in part or in full to this or any other University or Institution for the award of any degree or diploma.

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INDEX

TASK-1

TECHNOLOGIES AND DATABASES USED BY LINKEDIN

LinkedIn :

LinkedIn is a social networking site designed specifically for the bussiness community. The goal of the site is to allow registered members to establish and document networks of people they know and trust professionally.It was establshed by Reid Hoffman partnered with a team made up of people from two of his former projects.

Technologies Used in LinkedIn:

There are different technologies used in linked in and they are:

- Front-end (client-side) : Javascript

- Back-end (server-side) : Java, Scala, Node.js

- **Javascript :**

    Javascript is the programming language of the web and it is easy to learn. It is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS.Over 97% of websites use Javascript on the client side for webpage behaviour, often incorporating third-party libraries.

- **Java :**

    Java is a high-level, class-based, object-oriented programming language that is designed to have as few implementation dependencies as possible. Java is often used

for building large applications and also it is also easy to use, write, compile, debug, and learn then alternating programming language. With more than 9 million developers world wide, Java enables us to efficiently develop, deploy and use exciting applications and services.

- **Scala :**

    Scala is a strong statically typed general purpose programming language which supports both object-oriented programming and functional programming.Scala source code can be compiled to java bytecode and run on JVM.Scala can also be compiled to Javascript to run in a browser,or directly to a native executable.

- **Node.js :**

    Node.js is an open-source, cross-platform, back-end JavaScript runtime environment that runs on the V8 engine and executes JavaScript code outside a Web Browser. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

Databases used in LinkedIn :

There are different databases used in linkedin. They are:

- Venice
- Oracle
- Hadoop
- MySQL
- Lucene

- **Venice :**

    Over the last two years at LinkedIn, they have been working on a distributed key-value database called "Venice." Venice is designed to be a significant improvement to Voldemort Read-Only for serving derived data. It is a primary solution for a derived data platform.

- **Oracle :**

    Oracle Database is a multi-model database management system produced and marketed by Oracle Corporation. It is a databse commonly used for running online transaction processing, data warehousing and mixed database workloads. Oracle Database 12c introduces a new multinant architecture that makes it easy to consolidate many databases quickly and manage them as a cloud service. Oracle Database 12c also includes in-memory data processing capabilities, delivering breakthrough analytical performance.

- **Hadoop :**

    Apache Hadoop is an open source framework that is used to efficiently store and process large datasets ranging in size from gigabytes to petabytes of data. Instead of using one large computer to store and process the data, Hadoop allows clustering multiple computers to analyze massive datasets in parallel more quickly.Rather than rely on hardware to deliver high-availability, the library itself is designed to detect and handle failures at the application layer, so delivering a highly-available service on top of a cluster of computers, each of which may be prone to failures.

- **MySQL :**

    MySQL is an open-source relational database management system. Its name is a combination of "My", the name of co-founder Michael Widenius's daughter, and "SQL", the abbreviation for Structured Query Language. Whether you are a fast growing web property, technology ISV or large enterprise, MySQL can cost-effectively help you deliver high performance, scalable database applications.

- **Lucene:**

    Lucene is a Java-based indexing and search technology, as well as spell checking, hit highlighting and advanced analysis/tokenization capabilities.

Task-2

Chapter 1

Career Development and Counseling : An Introduction

Summary :-

"Hardwork never killed anybody, but why take a chance ?" - Charlie Mc Carty says. Like he said, "Career Development and Counselling – Putting Thoery and Research into work" is designed to help calrify why "the study of work behaviour" is important in our lives. We often fail to realize there is a thin layer which differentiates the work and the hardwork,actually we need not always have to do hardwork to get things done. Robert W Lent and Steven D Brown aims to help the working mob to lead balanced and prosperous work lives by encouraging the psyhchologists to study "Work Behaviour" , Frued backed this, he assimilated mental health with the capacity to love and work.

Why people work ?

- **Work as need fulfillment**

    Abraham Maslow in his famous hierarchy states that, people's work stimulations arise from different reasons, some people work because they have to and some people work because they want to. Maslow depicted this in the form of a pyramid, basic needs at base and psychological needs at succeeding steps.

- **Work as an individual public identity**

    Right from the ancient world, in many communitiies, one's occupation describes their juncture in society. The answer to "What do you so" has significant public and private drift.

9

- **Work as personal identity or self-construction**

     Donald super in his "Self-concept" describes work as image of one's actual expectations on themselves in their mind, this in turn motivates people to work more and enjoy work as backed by Bordin , "Is a professional athlete working or playing?". But this may fail to be true in all scenerios, because not every individual will have that privilege to enjoy their work, some may work with meagre wages, some may work under stressful conditions, this may seem normal in social point of view but this is far more relevant to the person who are living with it.

- **Work as normative expectation, Group identity and social contribution**

     An extension of Maslow's hierarchy says, people will choose their work based on collective relations.Societal standards measures one's ability to work as their worth, people who are unemployed or underemployed is often seen as "Lazy,Work-shy, indolent, inactive" and gets isolated from communal contributions.This often tends to degrade the unemployed persons self-esteem.

- **Work as existential response and aid to mental health**

     There was a saying that, "an idle mind is devil's workshop", Kierkegaard, further illustrates this , "work as a means by which people find distraction from their self-consciousness, especially from thoughts of their own mortality", Work enables people to get absorbed by one thing, being parallel along with time. Having no or negligible work oppurtunities often leads to crimes.Hedonic and Eudonic views further promotes this idea of work.

Work vis-à-vis Other Life Domains and Roles :

The work we do is payable, it is often measured with the no.of working hours we spent, it is necessary for people to survive, work role are important, but beyond that we are humans, we have other roles to play.

Work should not over-shadow our other personal activities. Super suggested an wonderful view of career development in the context of other life domains that people have other interests, commitments apart from work and only work. It emphasizes the broadened view of a person, who works. Richardson gave gender career development that males mainly gets submerged in work and females, partly on work and essentially on other roles like, romantic partner, good wife and caring mother. And life-career planning should override this stereotyphic view and must bring the differential role salience which encourages people to be elastic in work-life committments.

The What, When, Where, and How of Work :

Enough of 'why? ', lets now navigate to other crucials, 'what? , how? When? Where Questions related to career development. What – kind of work you choose to do, How - process based on which choices are made, when – stipulated time intervals, where – the working environment. The Swanson and Schneider thoeries accentuates over 'what and where'. Hartung stresses over 'how and when'. Second section point outs 'Choices'.Third section highlights 'adjust to work' . And final sections indicates 'challenges and solutions thereby'.

Grappling with personal agency : Does it make sense to speak of work choice?

Warnath,criticizes the career development thoeries for saying that people are free to choose their career choices and they are unaffected by the external factors which is totally mistaken. Certain factors like, cultural aspects, economical needs, communal committments surely reflects on people while making their career choices apart from their personal interest as

Vroom says, "people not only select occupations, they are selected for occupations". These constaints should be considered.

Work, Job, Occupation, Vocation, Career-What's the difference?

'Work' involves activities, services which requires efforts to attain a result and is payable. 'Job' is done in specific period of time, usually over particular interval of years. Both 'Job' and 'Career'seems synonymous but vocational psychologists refers 'Career'as sequence of jobs one did in his/her entire work life.Sometimes Vocation' and 'Occupation' is also used to refer work behaviour.'Vocation' has some secular generic tone. 'Career' is often viewed as compromise people make in the absence of an alternative. However, most of the career theorists views work as most acceptable term for economic and social power plays.

What Is Career Choice and Development?

Career development is a lifetime process. As we can see it starts from Childhood and ends up to the adult stage. It involves all the skill, interests, Values and knowledge. It develops the habit of involving into work and making needed adjustments. Career refers the development. It lasts as an Experience before, during and after the Choice. In fact, Career Picking is a static decision not for some time.

There were Phases, Taking Steps Per the Selected goal. It also consists of more Extra training. But the Career management Connotes a situation. In this every individual its actively engaged in this development.

What is career Counselling and how is it distinctive?

Career Counselling Can be directed at a fairly wide. By the New Job needs, Counselling promote work Satisfaction. Performance must contain with the reasons.

The Role of formal Testing:

Depending on the Presented issue, some of the Counsellors Uses Card sorting method activities. such as Fantasy, daily routine, interests. Such options can stimulate the Clients about their career issues and thinking to make the full interaction very much creative.

Formats and Targets of Career Counseling

Career Counselling involves a many number of additional Challenges. Many People refers some people to help in making Change the Path from doing work to school, from work to Career, form work to retirement - Some Seek for their growth. It also involves dealing all the considerable and related Challenges.

Career Counseling vis-à-vis Other Career Services and Interventions

As savickas 1994 recognised that career counseling is related to the many variety of other services. All the activities typically given by the school Counselors and Teachers. By this student getting aware of the work world, Career, Future. More over Computer based Carer guidance also been developed.

For Example, if a Person is doing one thing, particularly in one type of sector but the resultant digits are not up to satisfactory, Then the career counselling be needed. To Construct and began to build the good career.

Career Counsellors are also providing the right suitable Persons to the suitable work. Taking eligibilities by looking through their resumes and solving all the circumstances. Placement services may be located in a separate unit from the all-counselling services.

Career Counseling vis-à-vis Personal Counselling and Psychotherapy

By giving Coaching and mentoring are more Popular, and increasing services. Coaching services are the means to provide the required people to the needed Place or fields. such as for Example as Counselors, Vocational Psychologists, organizational Psychologists. But mentoring typically refers to the protective of pairing and Fresh worker. In other words for learn the ropes. They matched Formally by the work.

Career Counselling is purely distinctive in few respects. Also, it is most obvious focus on one or more life domains.According to Hackett-1993, the view within the Counselling Profession appears that a false dichotomy between Career and Personal Counselling.

Career Counseling as Simple, Brief, and Highly Structured

Career Counselling is simple, Easy, formulare. It in totally based on the nature of Client goals, and how they are Presenting their Problems. Which methods they are Implementing also matters many of the Clients getting profit by receiving more than five sessions of Career Counselling.

Computer based Career guidance also been developed Career Education often refers the formal school-based Programs at middle, higher levels. Based upon their interests, abilities, Placement and also introducing them to world.

Mainly, Career Counsellors can be overlap with other Career Services. Career counselling relates to Personal. It involves the special training. Career Counselling is synonymous with Testing. It is proving too . Based or on their interests, values, abilities.

Counsellors' vs Computers

Counsellors in the form of Teachers, friends. Parents, work Colleagues or others. Computer is only resource. it states and states do it yourself.

Career development and Counselling

Past, Present and future, the Field of career development involved rapidly over the Past Century. The work behaviour is very hardly new. In the World War II also Particularly People wanted Job, at that time U.S. Military needed Assistance aligning its recruits in wars.

Many of the People have less stability in terms of where and when they work. They compare with other regarding aligned duties. Career Counselling not Only for job or to work, but how a single individual will come and stay in his/her life.

It is important to Emphasise that Career development and counselling is both scholars and a practice Field. It Involves direct people's lives and understand work behaviour.

Conclusion

Finally, we came to a line that, the very number of roles that plays in lives of People. From the Starting basic needs to a developed career. In this they gone through Psychological and related services. we noticed and taken some common myth and Stereotypes sounded Career counselling, we are describing the fields Historical context and Some Challenges, assigning that Concern with respect and Justice. We welcome and suggest you to that Choose both Fields and hoping You will find the great place to develop your own and desired Future.