A

SYNOPSIS REPORT

On

Udyog Saarthi App - Job coaching for disability person under 4% reservation in NIEPMD and other Institutions.

Submitted to

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Affiliated to The Rashtrasant Tukadoji Maharaj Nagpur University

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ABSTRACT

The Udyog Saarthi App is a progressive web-based application specifically designed to assist adults who are undergoing job coaching. It provides support and guidance to individuals seeking employment opportunities under the 4% reservation in institutions such as NIEPMD (National Institute for Empowerment of Persons with Multiple Disabilities) and other similar organizations. It aims to bridge the gap between job seekers and employment opportunities by offering a user-friendly interface equipped with a diverse range of features. Through interactive modules, personalized coaching sessions, and real-time updates on job openings, users can access invaluable tools to enhance their skills, build confidence, and maximize their employability prospects. Through the Udyog Saarthi App, users can access various features and functionalities. These may include job listings, career guidance, skill development resources, and information on government schemes and initiatives related to inclusive employment. The app aims to empower individuals by equipping them with the necessary tools and knowledge to succeed in the job Sector.

INTRODUCTION

The Udyog Saarthi App is a progressive web-based application designed to assist adults who are undergoing job coaching. It specifically focuses on providing opportunities for individuals under the 4% reservation in institutions like NIEPMD and other similar organizations. Developed as a progressive web-based application, Udyog Saarthi serves as a comprehensive resource platform designed to empower individuals with disabilities to navigate the complexities of job seeking and career advancement.

The main objective of the Udyog Saarthi App is to support individuals in their journey towards employment by offering accessible resources, guidance, and job-related information. By offering a user-friendly interface and a range of comprehensive features, the app equips users with the necessary skills and resources to enhance their job readiness and access suitable employment opportunities.

Through this app, users can access various features, including job listings, career guidance, skill development resources, and information on government schemes and initiatives related to inclusive employment. The app aims to empower individuals by equipping them with the necessary tools and knowledge to succeed in the job market.

One of the key strengths of the Udyog Saarthi App lies in its focus on inclusivity(overall) and empowerment. By specifically targeting adults undergoing job coaching programs, the app addresses a critical gap in support for individuals with disabilities seeking employment. Through its innovative approach, the app not only facilitates access to job opportunities but also fosters a sense of independence and self-reliance among its users.

By manipulating technology to deliver job coaching services, the Udyog Saarthi App transform traditional barriers to employment faced by individuals with disabilities. Its progressive web-based platform ensures accessibility across devices, making it easier for users to engage with the app and benefit from its offerings. It serves as a comprehensive solution for adults undergoing job coaching, helping them navigate the process of finding suitable employment and empowering them to achieve their career goals.

AIMS & OBJECTIVES OF PROJECT

AIM:

The Udyog Saarthi App is a progressive web-based application designed to support adults undergoing job coaching, particularly those seeking opportunities under the 4% reservation in the National Institute for Empowerment of Persons with Multiple Disabilities (NIEPMD) and other similar institutions. The aim and objectives of the app include:

OBJECTIVES:

- Provide job coaching and guidance to adults undergoing vocational training.
- Create opportunities specifically for individuals who fall under the 4% reservation in NIEPMD and other institutions.
- Bridge the gap between job seekers with disabilities and suitable employment opportunities.
- Training them to develop their skill to full fill jobs criteria.
- To provides information about government scheme towards the disable person.

LITERATURE REVIEW

Pivik, Macfarlane & Laflammne (2002) carried out a study on the use of virtual reality to teach disability awareness. A desktop virtual reality programmer was designed and evaluated to teach children about the accessibility and attitudinal barriers encountered by their peers with mobility impairments. The effectiveness of the program was evaluated with 60 children in grades 4-6 using a controlled pre test/post test design. The results indicated that the program was effective for increasing children's knowledge of accessibility barriers.
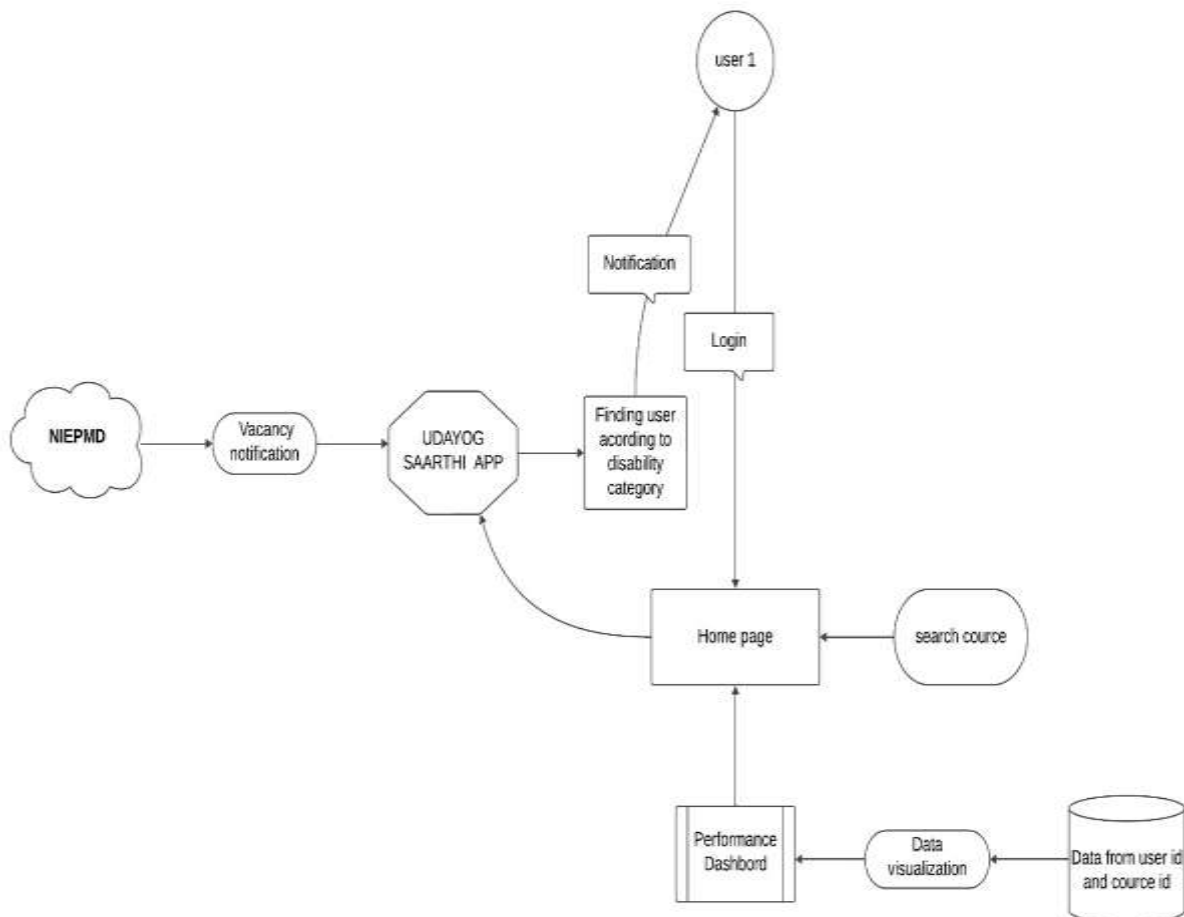
Mock (2003) conducted a study on identifying students with learning disabilities. The Individuals with Disabilities Education Act is to be reauthorized late in 2003. Thus, adopting the problem solving model assumes the superiority of clinical judgment over statistical judgement in identifying students with learning disabilities. Research comparing statistical and clinical prediction has yielded relatively consistent results. Statistical prediction methods have proven more accurate than clinical method even when (a) the algorithm used for prediction is simplistic; (b) the clinical judge has access to equal or greater amounts of information or (c) the regression variables are weighted equally.

Rani and Kapoor (2012) conducted a study on development of teaching learning material for Home Science students with learning disabilities. The objectives of the study are: (i) to identify learning disabled students in secondary school (ii) To study the achievement of learning disabled in Home Science. (iii) To develop teaching learning material in Home Science for learning disabled students of secondary school.

Madhavan et.al, (1990) investigated the mental retardation awareness in the rural area near Hyderabad. The results called for proper public awareness materials on the nature, identification and management of persons with disabilities.

Madri Engelbrecht (Jan 2017) This review evidence on work transition programmes that are effective in assisting people with disabilities into employment, as well as to highlight gaps in knowledge to inform future research on this topic.

PROPOSED WORK

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RESEARCH METHODOLOGY

1. Data Source
- This section is blank in the image, but it likely refers to the source of the data that will be used to populate the application. This data could come from government agencies, NGOs, or other organizations that work with people with disabilities.

2. Data Filtering
- This stage would involve filtering the raw data to ensure it's relevant to the target population. For instance, information on government schemes for people with disabilities would be filtered out for those who don't live in that particular country.

3. User Profile Creation
- The filtered data is then used to create personalized user profiles. This would likely involve details such as:
  - Demographics (name, address, etc.)
  - Disability type(s) (cognitive, learning, mobility, etc.)
  - Functional difficulties (as per the Washington Group Extended Set Questions)
  - Assistive devices used/needed
  - Required human assistance
  - Skillset and aspirations

4. Notification Generation
- Once a user profile is complete, the system can generate notifications tailored to the user's needs and goals. Examples include:
  - Alerts about upcoming job openings or educational opportunities
  - Information on relevant government schemes and programs
  - Exam notifications with links to practice materials or mock tests

5. Dashboard
- The application would likely include a dashboard that provides users with a central hub for all their information. This could include:
  - A summary of their profile
  - Upcoming notifications and deadlines
  - Progress tracking on skill development or job applications

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CONCLUSION

The Udyog Saarthi App is a progressive web-based application designed to provide job coaching and opportunities for adults undergoing vocational training, particularly focusing on individuals under the 4% reservation in NIEPMD and other institutions. This app aims to support adults with disabilities in accessing job coaching and employment opportunities. Through its features and functionalities, the Udyog Saarthi App serves as a valuable tool in empowering individuals with disabilities to enhance their vocational skills and secure meaningful employment within the specified reservation criteria. The app's innovative approach leverages technology to bridge the gap between job seekers with disabilities and suitable employment opportunities, thereby contributing to greater inclusivity and accessibility in the workforce for this demographic group

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