Web Based Selector-Applicant Simulation Software

PROBLEM STATEMENT: When it comes to management of large applicant pools, recruitment processes often consume a lot of time, have diverse prejudices and are not efficient. It is important for us to have a web-based simulation software that streamlines candidate selection by making it scalable, and unbiased while allowing for efficient evaluations through simulated selection scenarios.

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ABSTRACT

The process of recruiting is receiving constant challenges due to the great need for effective and fair evaluation of large applicant numbers. Old ways are usually time-consuming, biased, and do not scale. This paper introduces an idea for web-based selector-applicant simulation software that is meant to get rid of this problem. Through various selection scenarios simulation by the software, organizations can examine candidates in a more effective and objective way. Thus, it is envisaged that such tools will help reduce human biases in decision-making processes through automating and standardizing parts of selection processes making them less subjective; they will also facilitate large-scale recruitments by improving efficiency thereof. It is anticipated that this solution can substantially improve overall quality and equity within any given recruitment process.

We want to implement by using below Softwares:

1. HTML

2. CSS

3. JAVASCRIPT

4. MY SQL

FLOWCHART:

```
   ┌──────────────┐              ┌────────────────────────┐
   │   ( ● )      │─────────────▶│ 🌐 User accesses the web│
   │    Start     │              │      application        │
   └──────────────┘              └────────────────────────┘
                                             │
                                             ▼
   ┌──────────────┐              ┌────────────────────────┐
   │ User selects the◆│◀─────────│ 🏠 Display home page with│
   │ applicant simulation│       │        options          │
   │    option     │              └────────────────────────┘
   └──────────────┘
          │
          ▼
   ┌──────────────┐     ┌────────────────────┐
   │🔄 Load applicant│──▶│ 📝 User inputs applicant│
   │  simulation     │   │        data            │
   │  interface      │   └────────────────────┘
   └──────────────┘              │
          ▲                      ▼
   ┌──────────────┐     ┌────────────────────┐
   │⚠ Prompt user to│   │ ✔ Validate the input│
   │ correct data   │   │        data         │
   └──────────────┘     └────────────────────┘
          ▲                      │
          │                      ▼
          │              ┌──────────────┐
          └──────────────│ ❓ Data valid? │
                         └──────────────┘
```

Run simulation 🏃 ♂

↓

📊 **Generate results**

↓

🖥 **Display simulation results**

↓

● **End**