

WAD CASE STUDY

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GIT HUB REPO : <https://github.com/vibhakar253/Decision-Maker-App>

Decision Maker App Using React JS :

This app will help users make decisions by randomly selecting an option from a list they provide. It could be used for things like deciding what to eat for dinner, which movie to watch, or what activity to do.

App.Js :

```
import React, { useState } from 'react';
import OptionForm from './OptionForm.js';
import DecisionMaker from './DecisionMaker.js';
function App() {
  const [options, setOptions] = useState([]);

  const addOption = option => {
    setOptions([...options, option]);
  };

  return (
    <div className="App">
      <h1>Decision Maker</h1>
      <OptionForm addOption={addOption} />
      <DecisionMaker options={options} />
    </div>
  );
}

export default App;
```

OptionForm.Js :

```
// OptionForm.js
```

```

import React, { useState } from 'react';
import './App.css';

function OptionForm({ addOption }) {
  const [option, setOption] = useState('');

  const handleSubmit = e => {
    e.preventDefault();
    if (!option) return;
    addOption(option);
    setOption('');
  };

  return (
    <form onSubmit={handleSubmit} className="option-form">
      <input
        type="text"
        placeholder="Enter an option"
        value={option}
        onChange={e => setOption(e.target.value)}
        className="option-input"
      />
      <button type="submit" className="add-button">Add Option</button>
    </form>
  );
}

export default OptionForm;

```

DecisionMaker.js :

```

// DecisionMaker.js
import React, { useState } from 'react';

function DecisionMaker({ options }) {
  const [selectedOption, setSelectedOption] = useState(null);

  const makeDecision = () => {
    const randomIndex = Math.floor(Math.random() * options.length);
    setSelectedOption(options[randomIndex]);
  };

  return (
    <div className="decision-maker">

```

```

        <button onClick={makeDecision} className="decision-button">Make
Decision</button>
        {selectedOption && <h2 className="decision-
text">{selectedOption}</h2>}
    </div>
  );
}

export default DecisionMaker;

```

App.css :

```

/* App.css */

body {
  background: linear-gradient(45deg, #98a6ff, #2b53b1);
  margin: 0;
  padding: 0;
  height: 100vh;
  display: flex;
  justify-content: center;
  align-items: center;
}

.App {
  text-align: center;
  font-family: 'Arial', sans-serif;
}

.option-form {
  margin-bottom: 20px;
}

.option-input {
  padding: 10px;
  margin-right: 10px;
  border: 2px solid #007bff;
  border-radius: 5px;
  font-size: 16px;
}

.add-button {
  padding: 10px 20px;
  background-color: #007bff;
  color: #fff;
}

```

```
border: none;
border-radius: 5px;
cursor: pointer;
font-size: 16px;
transition: background-color 0.3s ease;
}

.add-button:hover {
  background-color: #0056b3;
}

.decision-maker {
  margin-top: 50px;
}

.decision-button {
  padding: 15px 30px;
  background-color: #28a745;
  color: #fff;
  font-size: 24px;
  border: none;
  border-radius: 10px;
  cursor: pointer;
  box-shadow: 0 4px 6px rgba(0, 0, 0, 0.1);
  transition: background-color 0.3s ease;
}

.decision-button:hover {
  background-color: #218838;
}

.decision-text {
  margin-top: 20px;
  font-size: 32px;
  font-weight: bold;
  color: #000000;
  text-transform: uppercase;
}
```

Output :

Decision Maker

Dinner at Hotel Tatva

Add Option

Make Decision

Decision Maker

Dinner at Hotel Istaa

Add Option

Make Decision

Decision Maker

Enter an option

Add Option

Make Decision

DINNER AT HOTEL ISTAA

