

NODE.JS PACKAGES

```
npm install vue-simple-password-meter@next
```

WHAT IS PASSWORD METER?

- Developed by Milad Dehghan
- Part of the Node Package Manager (npm)
- Provides scoring for password strength (0 - 4) (*weak-secure*)
- Enforces user to input a strong password for security

WHY WAS IT USED?

- To ensure users are entering secure passwords
- Visually appealing
- Every website incorporates some type of password strength feature
- Build with security in mind, save problems later

USEFULNESS

Parameters can be changed globally, such as the colouring of the bar

```
.po-password-strength-bar {  
  border-radius: 2px;  
  transition: all 0.2s linear;  
  height: 5px;  
  max-width: 20%;  
  margin: auto;  
  margin-top: 8px;  
}  
  
.po-password-strength-bar.risky {  
  background-color: #f95e68;  
  width: 10%;  
}  
  
.po-password-strength-bar.guessable {  
  background-color: #fb964d;  
  width: 32.5%;  
}  
  
.po-password-strength-bar.weak {  
  background-color: #fdd244;  
  width: 55%;  
}  
  
.po-password-strength-bar.safe {  
  background-color: #07e91d;  
  width: 77.5%;  
}  
  
.po-password-strength-bar.secure {  
  background-color: #15963c;  
  width: 100%;  
}
```

USEFULNESS

The “score” which correlates to strength can be passed via event handlers

Open Source Reference :

<https://github.com/miladd3/vue-simple-password-meter/tree/next>

```
<div class="submits">
  <span v-if="score < 2 && !!password">Use Stronger Password!</span>
  <password-meter @score="onScore" class='passwordMeter' :password="password"/>
  <div v-if="errorMessage"> {{errorMessage}} </div>
  <div v-if="score >= 2" class="submitButton">
    <button class="btn btn-outline-dark" > Register </button>
  </div>
</div>
```

```
data(){
  /* referenced : https://github.com/miladd3/vue-simple-password-meter/tree/next
  const password = ref('');
  const score = ref(null);
  const onScore = (res) => {
    // 0 to 4
    score.value = res.score;
  };
  return{
    name: "",
    email: "",
    errorMessage: "",
    password,
    score,
    onScore
  },
}
```