```
1
2
3    Accessible 'User' {
4
5        [Interfaces Project]
6
7
8
9        < By Elvina Wibisono >
10
11
12    }
13
14
```

```
1    Table Of 'Contents' {
2
3
4        01    About the Website
5
6            What is my website? What is the purpose?
7
8                02    Accessible Components
9
10                   Run down on accessibility components.
11
12                       03    Bringing it all together
13
14   }                          How do the accessible components
                                impact the purpose of the website?
```
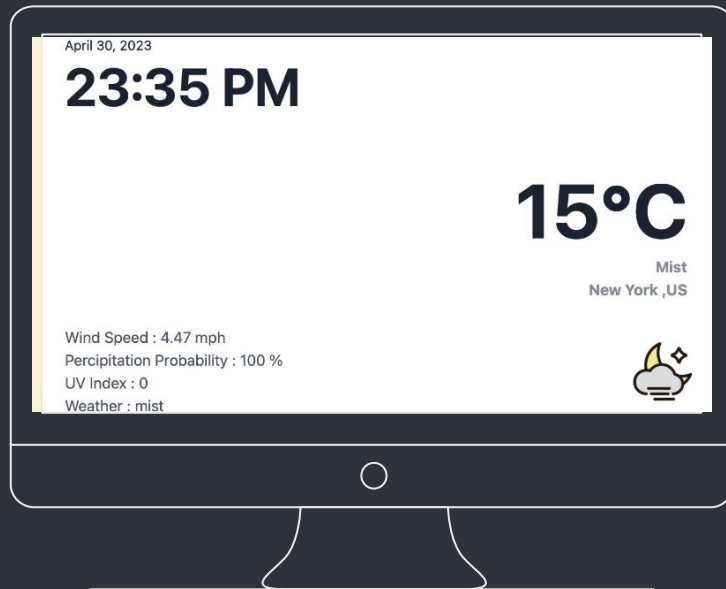
```
1
2     01 {
3
4
5
6        [Website overview]
7
8             < Weather app and daily
9             planner>
10
11
12      }
13
14
```

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2
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14

Weather website {

    Capabilities:
        Uses weather data
        for people to plan
        their days
        according to
        weather
        conditions.

}

April 30, 2023

23:35 PM

15°C

Mist
New York ,US

Wind Speed : 4.47 mph
Percipitation Probability : 100 %
UV Index : 0
Weather : mist

1
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Purpose of website

- Provides local weather and climate information, including current and forecasted weather conditions such as temperature, humidity, wind speed, and precipitation
- Recommendations for outdoor activities, and suggestions for clothing to wear for easier planning
- Benefits people who participate in outdoor activities, commuters, farmers and agricultural workers, businesses, and anyone who needs to plan their daily activities

Goal

- Day planning: helps individuals plan their daily activities.
- Safety: Provides both extreme and mundane weather predictions, giving safety tips for the day.
- Money and time saving: Knowing weather forecast helps individuals plan their activities efficiently on transportation, clothing etc.
- Supports businesses: Businesses depend on weather conditions, from farming to event organizing. Weather information helps these companies plan their own events and can tailor events based on website data. → Maximize profits

1 # Features/Demo
2
3
4
5
6   Steps on how to use
7   this Website:
8
9   1. Select city,
               Country, Units
10   2. See data
11
12
13
14

```
1
2    02  {
3
4
5
6        [Accessible Components]
7
8            < How did I make it
9            accessible? >
10
11
12    }
13
14
```

Programming Language

Accessible features

```
1
2                {
3  ;
   ;
4         [    ]   Text to speech
5
                          < Scroll over written text to speech>
6
7                                  Magnification
8              [    ]
9                          < Scroll over parts of the website to enlarge >
10
11                              One click on keyboard
12            [    ]
                           < Use one button to traverse website >
13
14   }
```

```
1   Text to speech {
2
3
4
5
6
7
8
9
10
11
12
13
14   }
```

Programming Language

1 Magnification{
2
3
4
5
6
7
8
9
10
11
12
13
14 }

Current Weather

New York,US   Tuesday,May 02, 2023

55°F

Clouds

New York,US   Tuesday,May 02, 2023

16:39 PM

Weather: overcast clouds
Precipitation: 63.0%
UV Index : 3
Wind Speed : 18.41

Recommendation

Clothing : fleece
wear something long sleeved like a hoodie

Comment: enjoy the weather
UV Status: moderate: Don't forget to wear sunscreen!
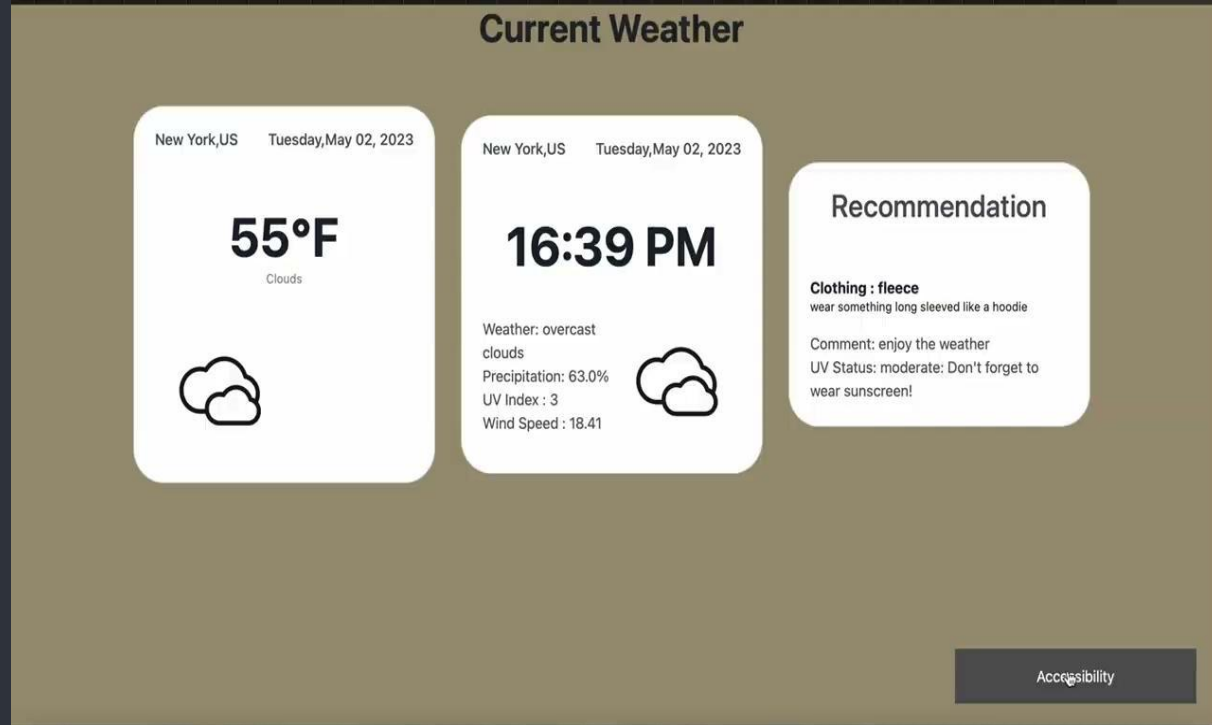
Accessibility

```
 1  One-click using keyboard{
 2
 3
 4
 5
 6
 7
 8
 9
10
11
12
13
14  }
```

Programming Language

1
2
3
4
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12
13
14

03 {

[Accessibility and
Purpose]

}

```
1    Community Accessibility< /1 > {
2
3              < By having the Weather Information and
4              Recommendation based on the Weather, it helps
5              individuals to thoroughly plan on what to wear
6    }         and be aware of what will the weather be in a
7              next hour >
8
9    Individual Accessibility < /2 > {
10             < People who need an extra help navigating the
11             website can have the choice of what
12             accessibility features that they want to use
13             >
14   }
```

Programming Language

Why is making this website accessible important?

- So everyone can use it.

1 What's next? {

2

3   < What are the next steps? >

4

5

6

7   < /1 >   * Continue Developing the UI and the
8   Accessibility features

9

10

11   < /2 >   * Provide more weather information and
12   develop more personal algorithm for
                     recommendations

13

14 }

Programming Language