1- Using Text Widget: https://api.flutter.dev/flutter/widgets/Text-class.html
2- Using flutter gauges: https://help.syncfusion.com/flutter/radial-gauge/getting-started
3- I made a mock function for measuring the speed changes, although I have no real values or API to measure correctly.

```
void _calculateTime(int speed)
```

The function should change the value responding to speed changes however, this is just a dummy mock function it is not a realistic case.

```
SfRadialGauge()
```

I choose this package as my main component because I liked the component and it had a descriptive documentation. I preferred to use a custom widget because using text alone in boring.

```
axes: <RadialAxis>[
 RadialAxis(minimum: 0, maximum: 240, interval: 30, ranges: <
    GaugeRange>[
  GaugeRange(startValue: 0, endValue: 90, color: Colors.green),
  GaugeRange(
     startValue: 90, endValue: 150, color: Colors.yellow),
  GaugeRange(startValue: 150, endValue: 240, color: Colors.red),
 ]
```

I manipulated the axis and gave value for max and minimum along with an interval of 30, then ranged the values by colors.

```
pointers: <GaugePointer>[
 NeedlePointer(
    value: 30,
    enableAnimation: true,
    needleStartWidth: 1,
    needleEndWidth: 1)
]
```

After that I added a needle pointer for the gauge.

```
annotations: <GaugeAnnotation>[
 GaugeAnnotation(
    widget: Text('$_currentSpeed',
       style: TextStyle(
          color: Colors.green,
          fontWeight: FontWeight.bold)),
    positionFactor: 0.5,
    angle: 90)
```

Finally I added five GaugeAnnotation to contain the Text, then I styled and positioned each text accordingly.
This is the final look :