

Ferris Wheel Challenge



screeching and clinking **Snap!!!**

Oh no! The Ferris wheel stopped turning...again!

This is a complete disaster! Our Plandaynéros/guests are trapped up there - I'm sure it's a pleasant view, but we should get them down soon.

Will you fix the Ferris wheel?

Available assets.

Here's what you have to work with:

- [emptyWheel.png](#) - the base for the Ferris wheel attraction.
- [standWheel.png](#) - a support stand for the wheel structure.
- [standLights.png](#) - light decorations, to spruce up the ride

- [blueCart.png](#), [pinkCart.png](#) & [yellowCart.png](#) - carts for perfectly fitted for this Ferris wheel. Use one type, use all - it's up to you!

Assignment

Our visitors are stuck!!! And to think some of them are also afraid of heights...

It's your job to make sure the ride works again, turning clockwise at a pleasant speed.

The wheel should start and stop with the touch of the button, so our mild-thrill-seekers can get in and out of the carts.

- Assemble the Ferris wheel and make it turn clockwise.
- Create a "Start" / "Stop" button that starts or pauses the wheel.
- Find a solution to make the light decorations light up when the wheel is turning.

Wanna show off your front-end skills? Do you really want to impress us?

Bonus objective: add a speed dial to control the wheels speed.

Super bonus objective: make sure that our guests won't fall off the cart as the wheel turns around.

It will be exciting to see what your Ferris wheel will look like and how thrilling it will be! 🤖

Remember to add your finished solution to Github, Bitbucket (or similar) and share a public link with us, so we can experience and evaluate your solution and the code behind it 😊

Happy coding!

/Planday Engineering team