

EarthshipTD: The Solarpunk Tower Defense Game

Inspiration



- Resources
- Oil (extracted from leftover Oil Monsters, used for Solar Panel Upgrades, Library Research)
  - Electricity (Used for generating Plant Towers)

- Plant Towers
- Used for attacking enemies
  - Generated from Electricity
  - Similar to Plants vs Zombies

Prototype MVP

- What does the prototype need and what doesn't it need?
- The library can be skipped for now since I am not looking to put more advanced Plant Towers into the Prototype.
- In general I will need:
  - At least 2 Oil Monsters + an Oil Lizard
  - At least 3 species of Plant Towers, right now I have 1
  - A Solar Panel that can generate Electricity and that can be upgraded at least 1 or 2 times

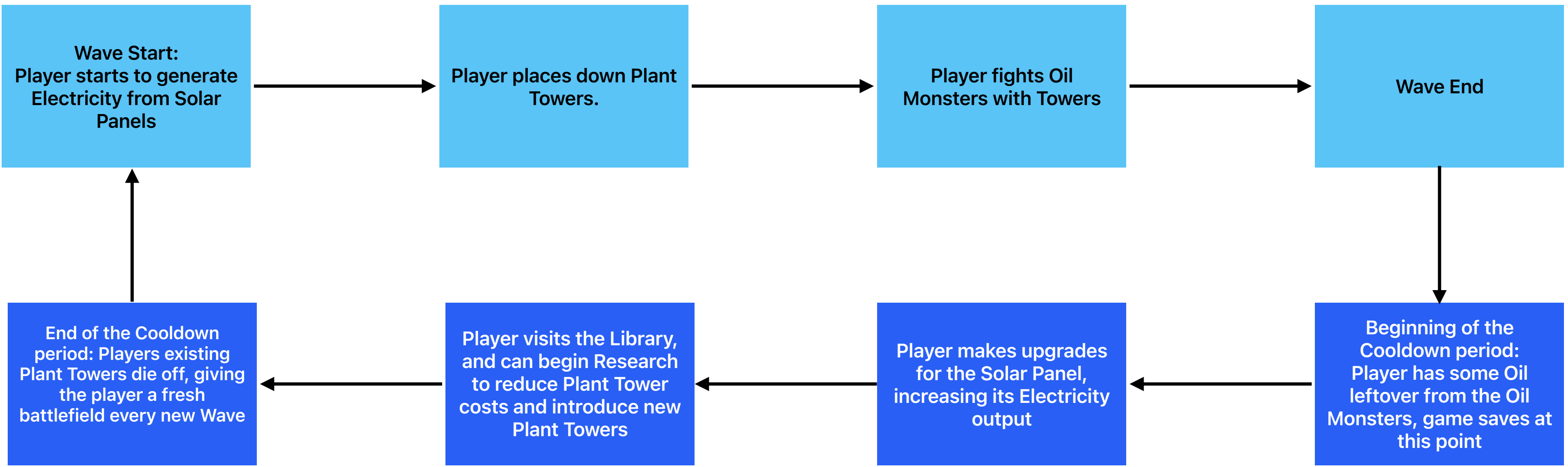
- Enemies
- Oil Monsters
  - Oil Lizards (bosses)
  - The CEO (the final boss)
- Goal: The Earthship
- If it is destroyed the game is over.

- Solar Panels
- Located on rooftop of the Earthship
  - Upgraded over the course of the game to increase Electricity production
  - Used to generate Electricity, which then can be used for making Plant Towers

- Buildings
- Earthship (base)
  - Solar Panels (for generating Electricity)
  - Library: Used for Research which can be used for lowering Plant Tower costs and gaining access to more advanced Plant Towers

- Earthship
- The base of the world: if the Earthship is destroyed the game ends
  - Has Solar Panels located on Rooftop
  - Can be expanded: Player can upgrade Solar Panels for increased electricity production
  - Library can be built and used for Research, reducing Plant Tower costs and getting access to more Plant Towers

Gameplay Loop



- Game Design Questions
- What makes this game a *Solarpunk* game?
  - What can I realistically make in a month (for the base game)?
  - What role does technology have in the world?
  - If this is a game about a Gradual Phase Out of Oil, what can I use Oil for and what can I use to replace it eventually?

- Satire Questions
- How can I make the game lean into the satirical elements more?
  - Parodying Oil Companies, Conservatives, Fossil Fuel Denialists
  - Orgs that feature the above demographics i.e. Fox News, Fossil Fuel Lobbying companies, advertising companies

- Earthship Questions
- Why would I want to upgrade my Earthship?
  - Solar Panels: Increased Electricity Production
  - Library: used for Research, decreasing Plant Tower production costs and gaining access to more advanced Plant Towers

- Inspiration Questions
- Where can I find inspiration for my Plant Towers?
  - Visit gardens, watch documentaries on plants
  - Where can I find inspiration for Oil Monsters?
  - Figure out what Oil can be used for to make. Hint: Look in the Fashion industry, you know it has plenty of examples ;)
  - See also, transport and aviation, making products like electronics, the Current AI Boom with Data Servers