Naughty

~ or ~

Nice

North Pole Technology Team

Santa, Inc.

As the world's largest spot delivery team, IT and logistics are always a challenge.

Digital Transformation

It's time for Santa, Inc. to go digital! The days of books and quills is over. We **do** need Christmas Eve to go off without a hitch however…

Let's build an app for Santa

Requirements

01
Add children
Name, Location, Preferred Gift, and whether they Naughty or Nice

03
Change child details
Including Naught or Nice

02
Remove child
In case of a duplicate

04
Record the gifts
Track when, where and which Gift each child received

The Nice List

All of the Nice children with their Location and Preferred Gift

The Naughty List

All of the Naughty children with their Location and Preferred Gift

The Packing List

All of the Gifts and the quantity of each

Object Oriented Patterns

Repository

An abstraction on storage or collections

Command

An object representing an action

Query

An object representing a query

Workflow

An object representing a sequence of operations

Strategy

Select the appropriate algorithm at run time
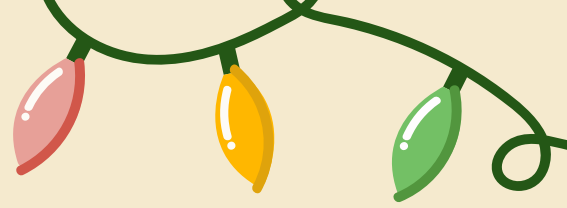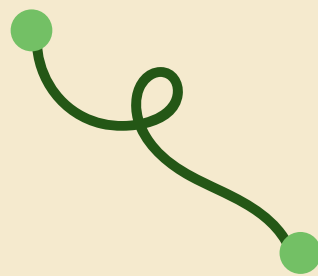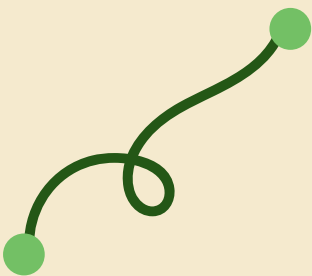
IoC

Inversion of control

Requirements Summary

1. Add, Edit, Remove Children
2. Reports:
   a. The Nice List
   b. The Naughty List
   c. The Packing List

https://github.com/davidadsit/santa

Ship it!

New

Information

No one escapes the Tax Man

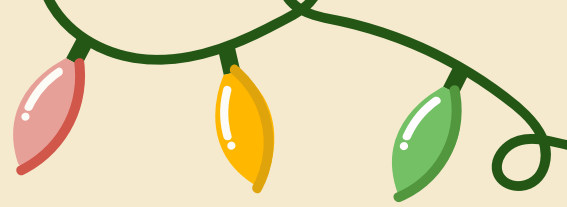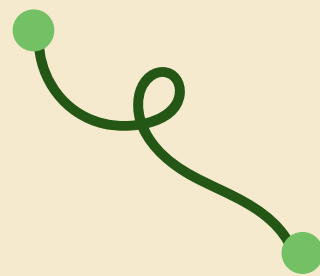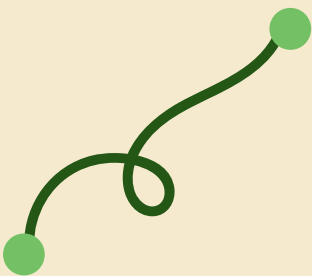# Donation Report

For each country, list the total value of the Gifts donated

Ship it!

New

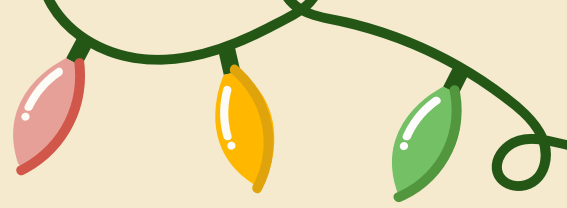## Information

Coal for the Naughty Kids

The Naughty List

All of the Naughty children with their Location ~~and Preferred Gift~~
(they all get A Lump of Coal)

Ship it!

Retrospective