



# Prototype

Interactive Systems  
Assessed Exercise



---

# Outline

The URL

The Product

The Summary

---

# The URL

<https://www.figma.com/file/B6zgS9HNnDd2B5Z32VJGKb/Gates-N-Fences>



# The Product

gatesnfences.com

Gatesnfences is an American website designed to promote a gate and fence selling business. The website allows the users to see their company, view their products and purchase their products. Overall, the website has a very poor user interface, with countless different usability issues. As a result, it is not aesthetically pleasing, inefficient to navigate and inaccessible to a variety of users.

The **whole** website underwent a redesign.

Welcome To: **Gates N Fences**  
L.A. Ornamental Corp  
3708 N.W. 82nd Street  
Miami, Florida 33147  
Phone: 305-696-0419  
[LAOrnamental@aol.com](mailto:LAOrnamental@aol.com)

Designed to Enhance the Entry of your home with Custom Ornamental Decorative Driveway Gates while bringing Safety, Security and convenience.

Home

Driveway Gates

Modern Driveway Gate

Custom Driveway Gate

Privacy Driveway Gate

Garden Gates

Modern Garden Gates

Privacy Garden Gates

Fencing

Fencing - 2

Fencing

Modern Balcony Railings

Operators - Operators

Remotol

FAAC

Apollo

RFI

Power Master

Fullmoon Gate Opener

LiftMaster

Elite

Doorking

OSCO

Alstar

Viking

Eagle

SEA

Hysecurty

Main Control Boards

Remote Controls

Multi-Code

Transmitter Solutions

Linear

LiftMaster

Doorking

Long Range



Welding Expertise

Top Brands of Gate Openers and Operators, Commercial, Residential, Industrial, Swing, Slide, Rack & Pinion, Barrier

- BFT Gate Openers
- PowerMaster Gate Openers
- Eagle Gate Operators
- Elite Gate Openers
- Ramset Gate Operators
- Doorking Gate Operators
- Viking Gate Operators
- OSCO Linear Gate Openers
- LiftMaster Gate Openers
- Allstar Gate Operators
- SEA Gate Operators
- FAAC Gate Operators
- Apollo Gate Operators
- Hysecurty Barriers / Rollers / Swing Slides
- Residential Sliding Gate Openers
- Barrier Gate Vehicle Barrier Gate, Parking Gate, Barrier
- Viking
- Eagle
- SEA
- Hysecurty
- Main Control Boards
- Remote Controls
- Multi-Code
- Transmitter Solutions
- Linear
- LiftMaster
- Doorking
- Keychain - Handball
- RFI - SEA - FAAC
- Long Range
- Receivers
- Linear / Multi-Code
- Doorking
- LiftMaster
- Keychain/Handball
- Long Range



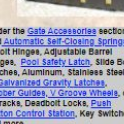
Aluminum Driveway Gates or Wrought Iron Driveway Gates Click on the image below for a large selection of custom gates



Garden Gates Click on image for large selection of Garden Gate including privacy Gates



Under the Gate Accessories section find Automatic Self-Closing Self-Latching J-Bolt Hinges, Adjustable Barrel Hinges, Pool Safety Latch, Slide Bolt Latches, Aluminum, Stainless Steel, or Galvanized Gravity Latches, Rubber Guides, V-Groove Wheels, or V-Tracks, Deadbolt Locks, Push Button Control Station, Key Switches and more.



Railings Click on image for a large selection of Custom Railings



Aluminum Fence Click on image for large selection of Custom Fencing

Search

All of our Aluminum or Wrought Iron Gates, or Fences are designed and manufactured to withstand a range of outdoor conditions. Our commitment to our customers and dedication to produce quality gates has earned us thousands of satisfied customers.

Although we offer a wide selection of Ornamental Designs or Decorative Designs, we can design and manufacture any style in Aluminum or wrought iron metal. L.A. Ornamental & Rack Corp also offers Fences, Garden or Walk Thru Gates to match your driveway gates. With over thirty years of experience in manufacturing and designing elegant, custom, or exotic [Aluminum Driveway Gates](#) and Fences, our past and future customers can have peace of mind that they are receiving quality workmanship. We are a Fence Company that gives our customers 100% of dedication to manufacture quality driveway gates and fences. For a quote please send an e-mail to [LAOrnamental@aol.com](mailto:LAOrnamental@aol.com)

If your looking for Privacy with your Driveway Gates, Garden Gates, or Walk Thru Gates, we offer a Solid Backing with your choice of Aluminum, Steel, Plexiglas or Plastic. All solid backing are offered in many different colors to choose from [Privacy Gates](#)

We offer a large selection of Gate Openers and Gate Operators for Residential Driveway Gates, Light or Heavy Commercial Gates, or Industrial locations. If your not sure the style or size of the Gate opener / gate operator you need, please e-mail or contact us so we can gladly help guide you to the correct choice. We offer all types of Gate Openers / Gate Operator, Sliding Gate Openers / Gate Operator, Swing Gate Openers / Gate Operator, Hydraulic Gate Openers / Gate Operator. We also have a wide selection of replacement [Main Control Boards](#) for all brands, and [Remote Controls](#) for Visors or Keychains.

**Railings** - L.A. Ornamental Rack Corp offers top quality Balcony Railings, Front Porch Railings, Deck Railings in Metal, Aluminum, or Wrought Iron Steel. We offer railings for residential or commercial locations for either interior or exterior locations. We also offer Custom Made Railings, Decorative Railings, or Handrails that are powder coated paint for low maintenance and long last Balcony Rails, Porch Rails, or Deck Rails

**Garden Gates or Walk Gates** can be designed to match any existing or ordered driveway gate. Customers can choose between wrought iron or aluminum as material and choose from our wide selection of powder coated colors. Garden or Walk Gates are custom made that can give your home that special and elegant look.

**Pool Fences** - the Aluminum Pool Fence Styles, Aluminum Pool Gate Styles, or the Aluminum Pool Deck Railing Styles that is perfect for your project. We offer decorative pool fences, standard safety fences, or any custom made pool gates for your property that are the essential requirements of commercial crowded areas, or residential properties.

We offer a large selection of Wrought Iron and Aluminum Driveway Gates, but also browse through our wide selection of Gate Operators, either sliding or swing Gate Operators / Operators.

**Access Control:** Tele-phone Entry System from Linear, Select Engineering, American Access System, Sentex, For Residential and Commercial Application. A variety of Access Control Equipments, including Remote Controls, Card Readers, Proximity Card Reader, Key Pads, Wireless Key Pad, Wireless Telephone Entry System, Free Exit Loops, Safety Loop, Safety Photo Sensor, Multi-Code, LiftMaster, Linear, Proximity Card, Magnetic Lock, Wireless Intercom, Receiver, Transmitter, Exit Wand, Extended Range Antennas, Electric Strike, Radio Receiver, Mini Remotes, Electric Magnetic Lock, Safety Loop, Exit Loop, Safety Sensor, Sensor Viro, Omron Safety Photo Cell. Goosie Lock for Key Pads or Telephone Entry System. What ever your need are for Gate Access Control we have the Security system.

**Roller Gates:** Heavy Duty Accordion Gates for Security. These Folding Gates are Retractable and are used mostly in Industrial warehouses for overhead doors openings. Most standard sizes are available but we can custom make the size that you need.

---

# The Summary

For the second part of this assignment we decided to attempt a redesign of the entire GatesNFences site, with a heavy focus on the structural and navigational issues found in AE1-1.

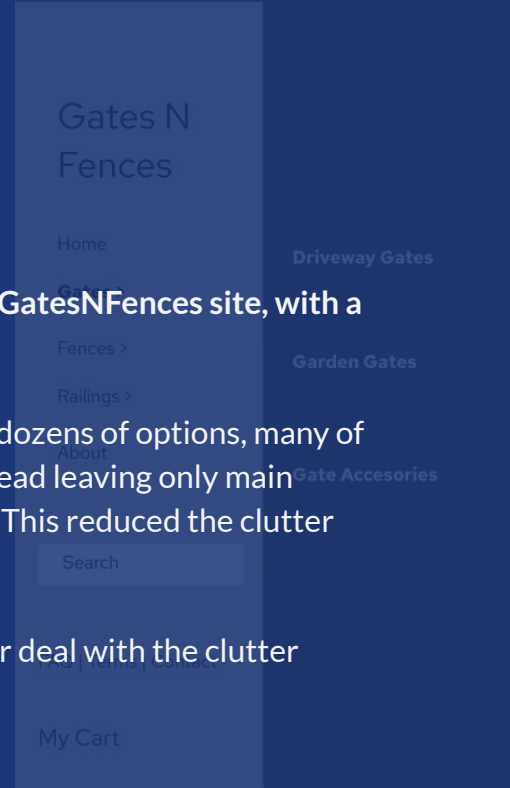
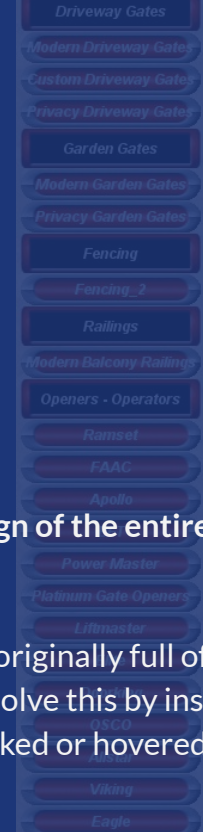
---

# The Summary

For the second part of this assignment we decided to attempt a redesign of the entire GatesNFences site, with a heavy focus on the structural and navigational issues found in AE1-1.

The first issue we addressed was the cluttered navigation bar. This was originally full of dozens of options, many of which were made redundant by options below them. We attempted to solve this by instead leaving only main categories which would then expand to reveal further options when clicked or hovered. This reduced the clutter from dozens to only 5 elements.

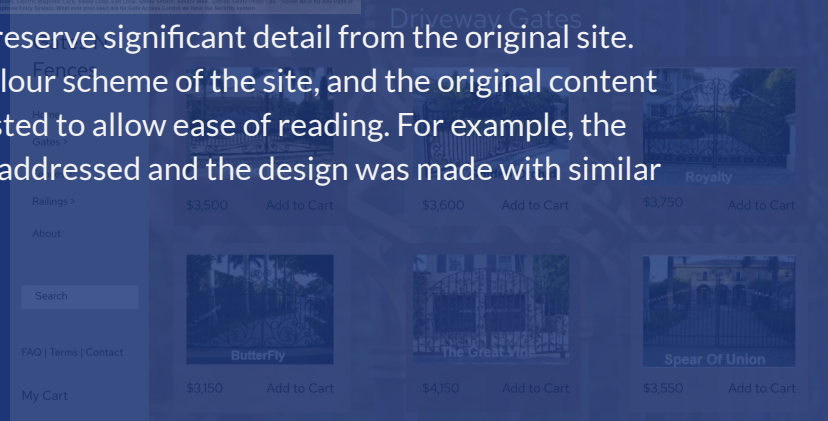
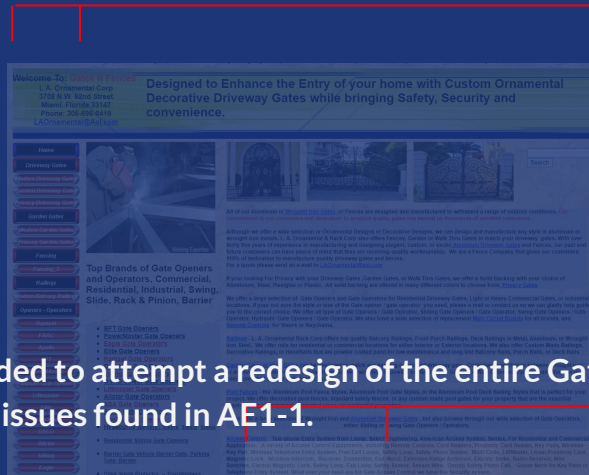
The pages have also been tidied and had their content shifted and reorganised to further deal with the clutter issue.



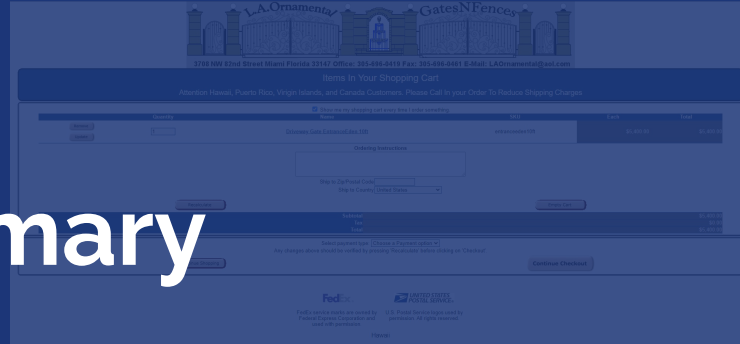
# The Summary

For the second part of this assignment we decided to attempt a redesign of the entire GatesNFences site, with a heavy focus on the structural and navigational issues found in AE1-1.

In order to preserve aesthetic design choices, we made sure to preserve significant detail from the original site. This includes; the positioning of the navigation bar, the overall colour scheme of the site, and the original content featured. However, several sections have had the colours readjusted to allow ease of reading. For example, the original complaint about green text on red background and the design was made with similar complains in mind.



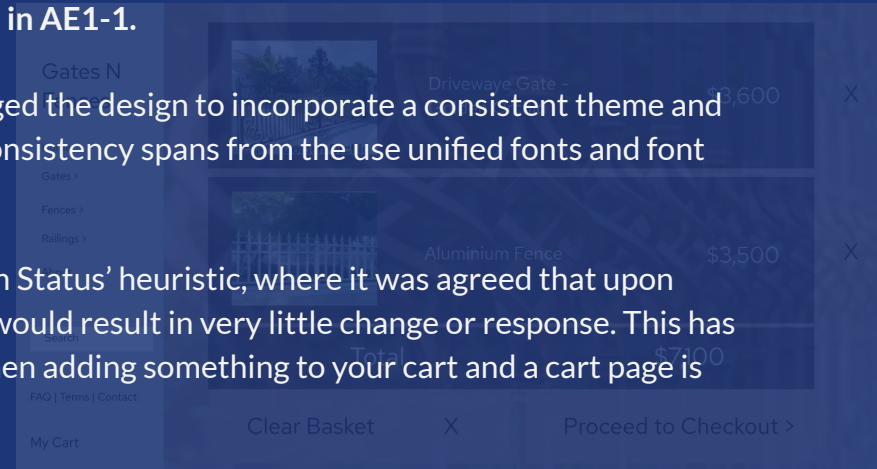
# The Summary



For the second part of this assignment we decided to attempt a redesign of the entire GatesNFences site, with a heavy focus on the structural and navigational issues found in AE1-1.

In a second aesthetic and consistency change, we have changed the design to incorporate a consistent theme and overlay compared to the changing and messy original. The consistency spans from the use unified fonts and font sizes to colour schemes and consistent page sizes.

We also fixed issues addressed about the 'Visibility of System Status' heuristic, where it was agreed that upon interacting with certain elements like the 'view cart' button would result in very little change or response. This has been fixed on the prototype, you receive a clear response when adding something to your cart and a cart page is fully visible.







# Group 3D

Inesh Bose  
Drew Galloway  
David MacNeill  
David O'Neill  
Frazer Smith  
Andrew Yao