



Air Gear Aerospace

One stop solution to the aviation industry's logistical problem

airgear-aerospace.herokuapp.com/

The Problem

One of the major problems the aviation industry currently facing is outsourcing its supply chains. Aircraft's raw materials alone are widely distributed in different regions around the globe that makes it challenging for business to get their hands to, specially local and regional airlines.

This problem results to companies relying on man-in-the-middle strategies just to get in on these markets which would incur hefty prices; both figuratively and literally. This includes delays, communication errors and insufficient informations which would result to maintenance being further delayed and Aircrafts being on ground.

Proposed Solution

AirGear Aerospace

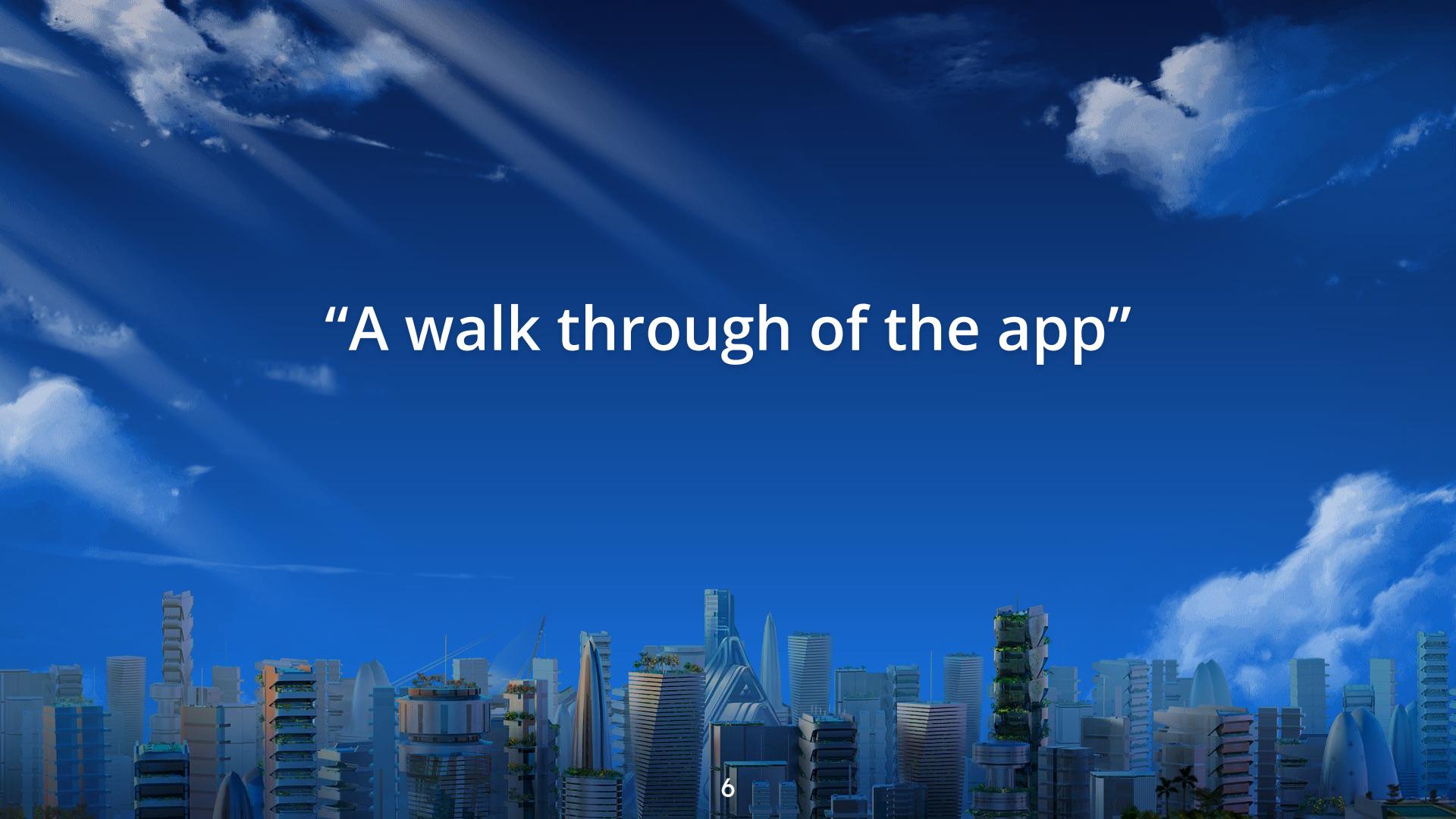
This app aims to replace the man in the middle strategy using the biggest platform to date: the world wide web.



AirGear aims to

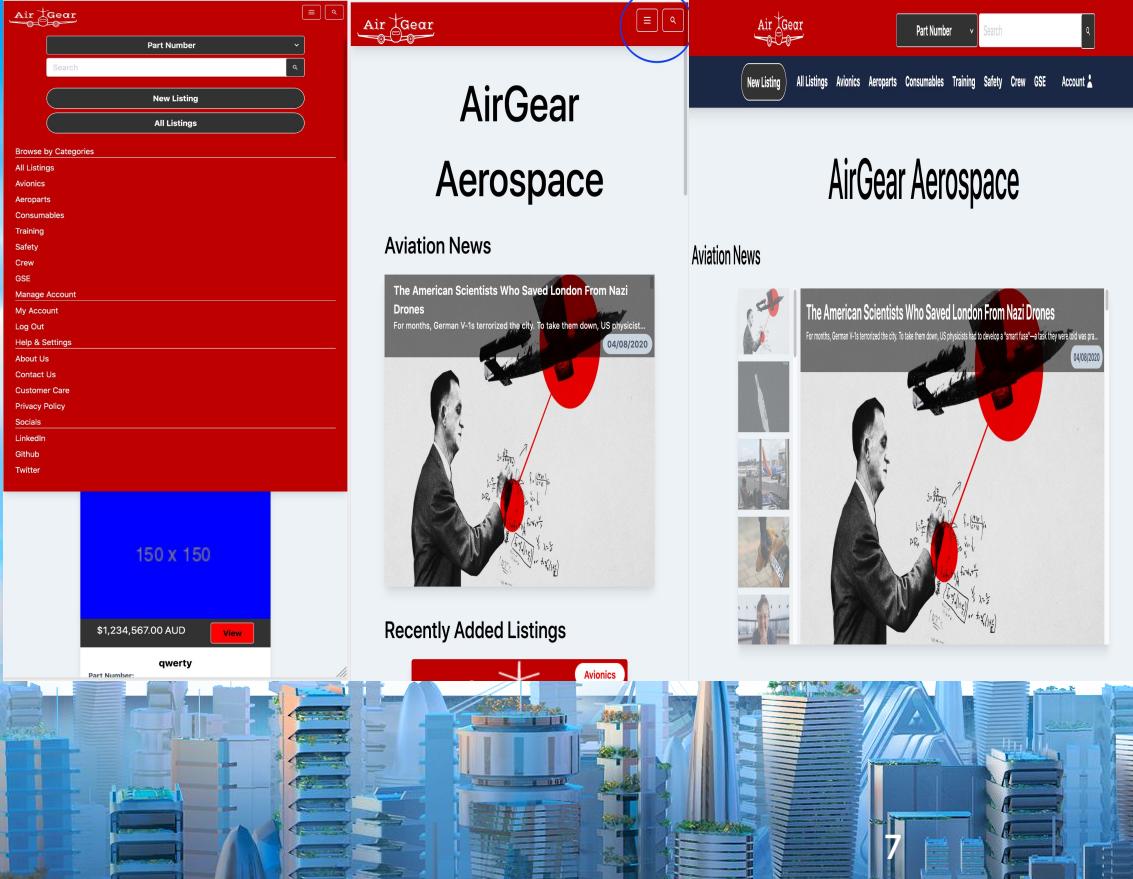
- Streamline communication between businesses
 - Global market range
- Full disclosure of part information
- Cheaper cost to acquire parts

Global Market Range



"A walk through of the app"

The Navigation bar



- Extendable (Collapsible) Navigation on mobile
- Filter by category links
- Search feature using part name or part number
- Accessible on every page of the app.

The Landing Page

The landing page features a red header with the AirGear logo and navigation links for New Listing, All Listings, Aerotronics, Aerospairs, Consumables, Training, Safety, Crew, OSE, and Account.

AirGear Aerospace

Aviation News

The American Scientists Who Saved London From Nazi Drones

For months, German V-1s terrorized the city. To take them down, US physicist had to develop a smart fuel - see it very nice info... [\[READ MORE\]](#)

Recently Added Listings

Image	Category	Price	Action
	Aerospace	\$54,321.00 EUR	View
	Aerospace	\$1,234,567.00 AUD	View
	Aerospace	\$10,001.00 AUD	View
	Consumables	\$2,000.00 AUD	View

Part Number: queryy
Condition: Servicable
Quantity: 56
Description: This is only a test post.

Part Number: Test part:
Condition: Servicable
Quantity: 6
Description: If you want to test something else, just do it.

Part Number: queryy
Condition: Servicable
Quantity: 2
Description: This is only a test post.

Part Number: Test Only Part
Condition: Brand new
Quantity: 2
Description: Rectifier synergize robust ...

Part Number: s1715fbn2
Condition: Inspected
Quantity: 36
Description: Rectifier synergize robust ...

Aviation News

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For months, German V-1s terrorized the city. To take them down, US physicist had to develop a smart fuel - see it very nice info... [\[READ MORE\]](#)

04/08/2020

- Top Aviation News of the recent week from popular news sources updated daily.

- Top 8 Recently Added listings

All Listings Page

The screenshot displays the 'All Listings Page' for 'Aviation Parts & Products'. At the top, there are two search bars: 'Part Number' and 'Search'. Below the search bars, a navigation menu includes 'New Listing', 'All Listings', 'Avionics', 'Aeroparts', 'Consumables', 'Training', 'Safety', 'Crew', 'GSE', and 'Account'. The main content area shows a grid of four items:

- Test Only Part**: \$1,234.00 AUD. Status: NEW! Avionics. Description: Test only part.
- qwerty**: \$1,234,567.00 AUD. Status: Avionics. Description: qwerty.
- Test Only Part**: \$10,001.00 AUD. Status: UPDATED! Avionics. Description: This is only a test post.
- Transistor**: \$2,000.00 AUD. Status: Consumables. Description: Rectifier synergize robust ...

Each listing includes a 'View' button and a detailed description below the thumbnail. The descriptions provide part number, condition, quantity, and a brief description. The page also features a navigation bar with 'Prev' and 'Next' buttons, and a total page count of 3.

- New and Updated badges to highlight listings.
- Grid style view
- Pagination ability to sort through pages

Filter by Category Page

Air Gear

New Listing All Listings Avionics Aeroparts Consumables Training Safety Crew GSE Account

Avionics Listings

< Prev 1 Next >

Avionics

150 x 150

NEW!

Part Listing Picture

\$10,001.00 AUD View

Test Only Part
Part Number:
Test part
Condition:
Brand_new
Quantity:
2
Description:
This is only a test post.
Abbott-Zboncak
Grant Gateway 74792 AU
keeling.company.net
Updated on: 08/08/2020

\$1,234,567.00 AUD View

qwerty
Part Number:
qwerty
Condition:
Serviceable
Quantity:
6
Description:
wfwcafavafafacfeaaawfawfa
Abbott-Zboncak
Grant Gateway 74792 AU
keeling.company.net
Updated on: 09/08/2020

\$1,234.00 AUD View

Test Only Part
Part Number:
Test Part
Condition:
Overhaul
Quantity:
5
Description:
Test only Part
Turcotte LLC
Jerica Isle 52926-0728
Moldova
wisozk.company.info
Updated on: 11/08/2020

Avionics Listings

< Prev 1 Next >

Avionics

\$10,001.00 AUD View

Test Only Part
Part Number:
Test part
Condition:
Brand_new
Quantity:
2
Description:
This is only a test post.
Abbott-Zboncak
Grant Gateway 74792 AU
keeling.company.net
Updated on: 08/08/2020

- Returns listings under chosen category.
- Pagination feature to sort through pages of results.

Search Results Page

Search results for "Test"

Test Only Part

Part Number: Test part
Condition: Brand_new
Quantity: 2
Description: This is only a test post.

Test Only Part

Part Number: Test part
Condition: Overhaul
Quantity: 5
Description: Test only Part

Updated on: 08/08/2020

Updated on: 11/08/2020

[See All Listings](#)

Search results for "Test"

Test Only Part

Part Number: Test part
Condition: Brand_new
Quantity: 2
Description: This is only a test post.

Updated on: 08/08/2020

[See All Listings](#)

- Returns all listings that match the search results
- Pagination feature to sort through pages of results.

Login Page

The image shows two side-by-side versions of a login page from the Air+Gear website. Both pages have a red header with the Air+Gear logo, a search bar, and navigation links for Part Number, New Listing, All Listings, Avionics, Aeroparts, Consumables, Training, Safety, Crew, GSE, and Account.

Left Version: This version has a white background. It features a "Log in to your account" form with fields for Email (containing "granville.kuvalis@email") and Password. Below the form are "Remember me" and "Forgot your password?" links, followed by a red "Log in" button. At the bottom are "Don't have an account?" and a red "Sign up" button. A copyright notice at the bottom left reads "©2020 Phil Antiporda".

Right Version: This version has a light gray background. It features a similar "Log in to your account" form. The "Email" field is empty. Below the form are "Remember me" and "Forgot your password?" links, followed by a red "Log in" button. At the bottom are "Don't have an account?" and a red "Sign up" button. A copyright notice at the bottom left reads "©2020 Phil Antiporda".

Bottom Navigation Bar: A dark red footer bar contains links for Help & Settings, Socials (LinkedIn, Github, Twitter), and a "Back to Top" button. It also includes links for About Us, Contact Us, Customer Care, and Privacy Policy.

- Links to sign up page for new users.
- Forgot password helper courtesy of devise.

Sign Up Page

The screenshot shows the Air+Gear website's sign-up page. The top navigation bar includes links for New Listing, All Listings, Avionics, Aeroparts, Consumables, Training, Safety, Crew, GSE, and Account. The main content area features a sign-up form titled "Create your account". The form requires input for Company name, Email, and Password (with a minimum of 6 characters). It also includes a Password confirmation field. At the bottom of the form are "Sign up" and "Log in" buttons. The footer contains a "Back to Top" link and the copyright notice "©2020 Phil Antiporda".

- Links to login page for existing users.

Show Listing Page

The screenshot displays two views of a listing page for a "Test Only Part".

Left View (Listing Page):

- Header:** AirFors, New Listing, All Listings, Avionics, Aeroparts, Consumables, Training, Safety, Crew, O&E, Account.
- Image:** A large image of a KLM aircraft engine in flight.
- Section:** Test Only Part, Selling price: \$10,001.00 AUD.
- Vendor Details:** Fast Banana Viral Marketing, Account: Abbott-Zbocak, Email: granville.kuravita@email, Contact: +299 (002) 626-6533 x545, Website: keeling.company.net.
- Buttons:** Contact Vendor, Edit Listing.

Right View (Detailed Vendor Page):

- Header:** Home > Avionics > 26
- Image:** Three smaller images of aircraft engines.
- Section:** Test Only Part, Selling price: \$10,001.00 AUD.
- Vendor Details:** Fast Banana Viral Marketing, Account: Abbott-Zbocak, Email: granville.kuravita@email, Contact: +299 (002) 626-6533 x545, Website: keeling.company.net.
- Buttons:** Contact Vendor.

Currency Converter:

- Selling Price: \$10,001.00 AUD.
- Conversion: New Value appears here: AED ✓.
- Disclaimer: This currency converter feature does not support all currencies. If no input is shown after a few minutes, it means the chosen NEW CURRENCY is not supported by the currency converter. Please only use it as a reference for an estimated amount in the chosen NEW CURRENCY.

- Dynamic options for users and listing owner
- Currency converter feature to give potential buyers an estimate price on their preferred currency.

Create or Edit Listing Page

The screenshot shows the 'Create a new listing' page for the AirGear website. The top navigation bar includes links for 'New Listing', 'All Listings', 'Avionics', 'Aeroparts', 'Consumables', 'Training', 'Safety', 'Crew', 'GSE', and 'Account'. The main form fields are:

- Category:** Avionics
- Part Number:** (dropdown menu)
- Part Name:** (text input)
- Selling price:** (text input)
- Currency:** AUD
- Serial Number:** N/A
- Condition:** (radio buttons)
 - Brand new
 - Overhaul
 - Repaired
 - Serviceable
 - Inspected
 - Unserviceable
- Form Certification:** N/A
- Form Certificate Date (if any):** 2020 - August - 11
- Form Expiry Date:** 2020 - August - 11
- Quantity:** (text input)
- Description:** (text area)
- Product photos:** (button) Browse... No files selected.
- Create Listing** (red button)

- Full part disclosure to include all relevant information about the part.

Show Profile Page

The screenshot displays two profile pages from the Air+Gear website:

Turcotte LLC Profile Page:

- Address: 8632 Kaitlin Club, Jerica Isle Maine 52926-0728
- Email: wilosz@company.info
- Phone: +239 1-174-868-2172
- Buttons: Add New Listing, Edit Profile, Edit Email or Password, Delete Account.

Vendor Listings:

- Transistor:** Part Number: c3757sd1bm2, Condition: Serviceable, Servicable, Quantity: 25, Description: Rectifier synergize robust ...
- Test Only Part:** Part Number: Test part, Condition: Overhaul, Quantity: 1, Description: Test only part

Abbott-Zboncak Profile Page:

- Address: 27742 Myri River, Grant Gateway Nevada 74792 Australia
- Email: keeling.company.net
- Phone: +229 (802) 528-6533 x545

Vendor Listings:

- Avionics:** Part Number: Test part, Condition: Brand_new, Quantity: 2, Description: This is only a test post.

- Dynamic options for users and profile owner
- Profile Address links to google maps search query to show on google maps.

Create or Edit Profile

The screenshot shows the 'Edit Profile' page of the Air+Gear website. At the top, there's a navigation bar with links for 'New Listing', 'All Listings', 'Avionics', 'Aeroparts', 'Consumables', 'Training', 'Safety', 'Crew', 'GSE', and 'Account'. A search bar with a placeholder 'Search' and a magnifying glass icon is also present. Below the navigation, the main content area has a title 'Edit Profile' and a form for updating company profile information. The form fields include:

- Company Profile Picture: A file input field with a 'Browse...' button and a note 'No file selected.'
- Country: A dropdown menu set to 'Australia'
- Street Address: An input field containing '8632 Kaitlin Club'
- Suburb: An input field containing 'Jerica Isle'
- State: An input field containing 'Maine'
- Postcode: An input field containing '52926-0728'
- Website: An input field containing 'wisozk.company.info'
- Contact: An input field containing '+229 1-174-868-2172'

At the bottom of the form is a red 'Update Profile' button.

At the very bottom of the page, there's a footer with links for 'Help & Settings' and 'About Us' on the left, and 'Socials' with a 'LinkedIn' link on the right. A 'Back to Top' button is located at the top of this footer. The footer also contains the copyright notice '©2020 Phil Antiporda'.

- Countries select gem used to give users the options to select their country.

Feature Highlights - Validations



1 error prohibited this account from being saved:

- >Password can't be blank



5 errors prohibited this profile from being saved:

- Street can't be blank
- Suburb can't be blank
- State can't be blank
- Postcode can't be blank
- Contact can't be blank



6 errors prohibited this listing from being saved:

- Selling price can't be blank
- Part num can't be blank
- Description can't be blank
- Part name can't be blank
- Condition can't be blank
- Quantity can't be blank



Access Denied: Unauthorized User

- Input validations from both Front end and Back end were implemented to avoid invalid input and unauthorized access.

Feature Highlights - Aviation News Gallery

Aviation News



- Delivers fresh aviation news to the landing page from popular news sources which are updated daily.

Feature Highlights - Global Network

The image shows a user interface for managing a company profile. On the left, there is a "Company Profile Picture" section with a "Browse..." button and a message "No file selected.". Below it is a "Country" dropdown menu. The "Australia" option is selected, indicated by a blue background and a checkmark icon. Other countries listed include United States, Afghanistan, Aland Islands, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, Antigua and Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaijan, and Bahamas. To the right of the country dropdown is another dropdown menu for currencies. The "PHP" option is selected, also indicated by a blue background and a checkmark icon. Other currencies listed include NZD, OMR, PAB, PEN, PGK, PLN, PYG, QAR, RON, RSD, RUB, RWF, SAR, SBD, SCR, SDG, SEK, and SGD.

- Aims to cater the global market by offering a selection of countries all over the world as well as their currencies.

Feature Highlights - Real Time Currency Conversion

Currency Converter

Selling Price

\$10,001.00 AUD

Currency Exchange to:

\$7,154.00

USD ▾

Disclaimer:

- ⚠ This currency converter feature does not support all currencies. If no input is shown after a few minutes, it means the chosen NEW CURRENCY is not supported.
- ⚠ Please only use as a reference for an estimated amount in the chosen NEW CURRENCY

- Gives users the estimate cost on their preferred or trading currency delivered real time using Stimulus Reflex.

End of Presentation

<https://github.com/phirlussel21/AirGear-Aerospace-marketplace>