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Project Sponsor: Code Institute / Simon Vardy

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1. UAT Scope (In Scope – Out of Scope)			
UAT - In Scope	UAT - Out of Scope		
In Scope List features that are tested.	Out of Scope List features that are not tested.		
readme document	readme document		
- User Goals	- Future Features		
- User Stories			

2. UAT Assumptions and Constraints

UAT Assumptions

Assumption

- Error Reports: Typos, functionality failures and other bug reports are reported via the project Github repository (repo) issues page
- Testing Documents: UAT test cases are contained within this document and saved as part of the project file system in GitHub.

UAT Constraints

Constraint

- Testing Duration: Testing must be completed, and results provided by 09 July 2020.
- Testing Resources:
 - o Testers: 1 person for 2 days
 - Hardware: Macbook Pro laptop, iPhone XS Max, Dell 5590 laptop, iPad Pro 12.9", iPad Pro 10.3"
 - Tested Operating Systems (OS):
 - Mac OSX 10.11
 - Windows 10
 - iPadOS 13.6.1
 - iOS 13.6.1
 - Browser Testing:
 - Firefox
 - Chrome
 - Edge
 - Safari

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3. UAT Risks				
Description	Probability High Med Low	Impact High Med Low	Mitigation	
Testers not aware of how to report bugs	Low	High	GitHub Repository Issue tracking in use with a bug reporting template created to support detailed and consistent bug reporting.	
UAT Test failures	Low	High	Detailed readme documentation with sufficient User Stories and wireframes created and reviewed to provide a minimum viable product.	
Insufficient hardware and software resources to perform full testing	Medium	High	Sufficient testing on many of the common operating systems and browser configurations have been included in the testing.	
Insufficient testing carried out due to time constraints	Medium	High	Resource planning and UAT Testing covers the agreed User Stories.	
Internet connection loss preventing access to GitHub and Gitpod websites.	Low	Low	Secondary internet connectivity available for the duration of the testing.	

4. UAT Team Roles & Responsibilities				
Name	Roles	Responsibilities		
Simon Vardy	Tester	Testing on: - OSX - Windows 10 - iPadOS - iOS		
Simon Vardy	Testing Co-Ordinator	UAT Management		

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5. UAT Entry Criteria			
ID	Criteria		
5.01	All current GitHub pull requests have been reviewed and merged with the Master		
	Branch as required.		
5.02	All bug reports are fixed and closed on the issues page in GitHub project repository.		
5.03	No Medium or High priority issues are reported.		
5.04	Hardware for testing is available and working correctly.		
5.06	Testers are briefed and ready to start testing.		

6. UA	T Requirements-Based Test Cases			
ID	Test Cases			
6.01	Mobile Device Testing: - As a user, I can see a collapsed navigation bar icon on mobile devices that opens to give access to the site navigation links when clicked.			
	 Please visit https://simonjvardy.github.io/Aviation-Consultancy/ Scroll to the top of the page to see the 3 horizontal bar navigation icon in the top right corner. Select the icon. 			
	 See the navigation menu expand with the website pages listed vertically on the left of the page. Select any of the navigation menu items to navigate to that page. Select the logo image on the left side of the menu as an alternative way to navigate back to the homepage. 			
	 Expected Result: The user can see a collapsed navigation menu identified by a commonly used 3 horizontal bar icon. The navigation menu expands and collapses by clicking on or selecting by touch the navigation menu icon. The user can see a list of the website pages that can be selected to open the page. The collapsed and expanded navigation menu width is contained within the full width of the device display. 			
6.02	Tablet and Desktop Device Testing: - As a user, I want to see a navigation bar at the top of the page where I can navigate to each of the different site pages. Please visit https://simonjvardy.github.io/Aviation-Consultancy/ - Scroll to the top of the page to see the menu navigation links for each of the website pages on the left side of the navigation bar next to the logo image. - Select any of the navigation menu items to navigate to that page. - Select the logo image on the left side of the menu as an alternative way to navigate back to the homepage.			

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Expected Result:

- The user can see a horizontal list of navigation menu items that can be selected to open the page.
- The navigation menu bar is contained within the full width of the device display.

6.03 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see a company logo or name in the navigation bar.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll up to the top of each page to the navigation menu bar.
- See the "AVIATION CONSULTANCY LLC Specialists in Managing Data" company logo image on the left side of the navigation bar.
- Selecting the logo image navigates back to the Homepage from all website pages.

Expected Result:

- The User can see a company logo image on the left side of the navigation menu bar
- When the user clicks on the image, the user is taken back to the Homepage from any website page.

6.04 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see a hero image welcoming the user to the site.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top of the Homepage.
- The hero image of an aircraft in a hangar undergoing maintenance is displayed below the navigation bar and covers the whole of the initial device screen size.
- The hero image has text overlaying the image with a message to the user identifying the business name and a call to action statement.

Expected Result:

- The user can see the Hero image of an aircraft in a hangar undergoing maintenance.
- The User can see white text overlaying the image containing the business name, Call to Action (CTA) text asking the user to contact the business.
- The user can click on a button to contact the business. This button is tested further in a later test case.

6.05 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see Call to Action (CTA) to learn more about the business and to contact the business.
- As a user, I can contact the business by submitting my details with a message.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top the page to the Navigation menu bar
- Click on the "Home" menu item
- Homepage Contact Us CTA:
 - o The Homepage hero image is displayed below the navigation menu bar.

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- Click on the light blue coloured "CONTACT US TODAY" Button to bring up a contact us form
- The User can enter the following details for the booking:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject
 - Message
 - Tick the user data collection consent tick-box
- Click the dark grey "Cancel" button at the bottom of the form to delete the entered data and close the contact us form.
- Click on the "CONTACT US TODAY" Button to bring up a contact us form again.
- Click on the "X" icon in the top right corner of the form to close the contact form.
- Click on the "CONTACT US TODAY" Button to bring up a contact us form again.
- o Enter the following details for the booking into the relevant form fields:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject
 - Message
 - Tick the user data collection consent tick-box
- o Click the green "Send" button to send the form information
- The confirmation page opens
- Click on the light blue "Back to Main Page" button.
- The homepage opens.
- Our Services CTA:
 - Scroll down to see the card containing the image of the aircraft engine fanblades with the title "Our Services"
 - Click on the "Read More >" button
 - The Our Services page loads.
- About Us CTA:
 - Scroll down to see the card containing the image of the aircraft inside a hangar with the title "About Us"
 - Click on the "Read More >" button
 - The About Us page loads.
- Meet the Team CTA:
 - Scroll down to see the card containing the image of the aircraft outside an airport terminal at dusk with the title "Meet the Team"
 - Click on the "Read More >" button
 - o The About Us page loads but directly at the Meet the Team section.

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Expected Result:

- HOMEPAGE CONTACT US CTA:
 - The user can see the "CONTACT US TODAY" button in the Hero image of the Homepage.
 - The user can see the button background colour change to dark grey and the text to light blue when the mouse pointer is moved over the button.
 - The user can click on the "CONTACT US TODAY" button to bring up a contact us form.
 - Enter the following details for the booking into the relevant form fields:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject
 - Message
 - Tick the checkbox next to the consent statement
 - The user will not be allowed to progress further unless all the required fields are completed with the correct type of information.
 - Clicking either the dark grey "Cancel" button at the bottom of the form or the "X" icon at the top right corner of the form will delete the user data and close the contact us form; returning to the Homepage.
 - Clicking green "Send" button will submit the user data.
 - The user can see a confirmation page open with a thank you message and a button labelled "BACK TO MAIN PAGE"
 - The user can see the button background colour change to dark grey and the text to light blue when the mouse pointer is moved over the button.
 - The user can click on the "BACK TO MAIN PAGE" button to return to the Homepage.

Our Services CTA:

- The user can see the light blue coloured "Read More >" button at the bottom of the card, under the text.
- The user can see the button background colour change to dark grey when the mouse pointer is moved over the button.
- The user can click the button to navigate to the Our Services page
- The user sees the Our Services page load.

- About Us CTA:

- The user can see the light blue coloured "Read More >" button at the bottom of the card, under the text.
- The user can see the button background colour change to dark grey when the mouse pointer is moved over the button.
- The user can click the button to navigate to the About Us page
- The user sees the About Us page load.

- Meet the Team CTA:

The user sees the About Us page load with the Meet the Team section in view.

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Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top the page to the Navigation menu bar
- Click on the "Contact Us" menu item
- Contact Us CTA:
 - o The Contact Us hero image is displayed below the navigation menu bar.
 - Click on the light blue coloured "CONTACT US" Button to bring up a contact us form
 - The User can enter the following details for the booking:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject
 - Message
 - Tick the user data collection consent tick-box
 - Click the dark grey "Cancel" button at the bottom of the form to delete the entered data and close the contact us form.
 - o Click on the "CONTACT US" Button to bring up a contact us form again.
 - Click on the "X" icon in the top right corner of the form to close the contact form
 - o Click on the "CONTACT US" Button to bring up a contact us form again.
 - o Enter the following details for the booking into the relevant form fields:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject
 - Message
 - Tick the user data collection consent tick-box
 - Click the green "Send" button to send the form information
 - The confirmation page opens
 - O Click on the light blue "Back to Main Page" button.
 - o The homepage opens.

Expected Result:

- CONTACT US CTA:
 - The user can see the "CONTACT US" button in the Hero image of the Contact Us page.
 - The user can see the button background colour change to dark grey and the text to light blue when the mouse pointer is moved over the button.
 - The user can click on the "CONTACT US" button to bring up a contact us form.
 - Enter the following details for the booking into the relevant form fields:
 - Name
 - Email address
 - Phone Number
 - Your Organization
 - Subject

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- Message
- Tick the checkbox next to the consent statement
- The user will not be allowed to progress further unless all the required fields are completed with the correct type of information.
- Clicking either the dark grey "Cancel" button at the bottom of the form or the "X" icon at the top right corner of the form will delete the user data and close the contact us form; returning to the Homepage.
- Clicking green "Send" button will submit the user data.
- The user can see a confirmation page open with a thank you message, and a button labelled "BACK TO MAIN PAGE"
- The user can see the button background colour change to dark grey and the text to light blue when the mouse pointer is moved over the button.
- The user can click on the "BACK TO MAIN PAGE" button to return to the Homepage.

6.06 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see a carousel containing customer testimonials.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll down the page just above the Footer Section containing the social media links, sitemap, and contact details.
- The carousel is a wide rectangular section with a dark background image
- The testimonials are in white text with each one shown on separate pages
- There are three different pages to view on the carousel
- The carousel will scroll towards the left every 7 seconds automatically on a continuous cycle.
- Move the mouse pointer over the carousel area to see the left and right arrow icons appear.
- Click the arrow icon on the left side to manually scroll the carousel pages to the left.
- Click the arrow icon on the right side to manually scroll the carousel pages to the right.
- Move the mouse pointer outside of the testimonials section and the arrows disappear again.

Expected Result:

- The user can see a single testimonial quote, name, job title and company name per page.
- The user can see three separate testimonial quotes
- The carousel automatically scrolls the quotes to the left every 7 seconds
- The carousel can be manually scrolled from the left with the left arrow icon and from the right with the right arrow icon.
- The user can see a fixed background image which does not move when the quotes scroll across the page on larger devices but changes to a scrolling image on mobile devices.
- The testimonial section is contained within the full width of the device display.

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6.07 Mobile, Tablet and Desktop Device Testing:

- As a user, I want to know where the business is located on a map.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll up to the top of the page to the navigation menu section
- Click on the "Contact Us" menu item
- Scroll down the "Contact Us" page to the Google Maps section
- The business location is shown in a text box in the top left corner of the map section.
- Within the text box, click on the "Directions" link to use Google Maps to navigate to the Business address.
- Within the text box, click on the "View larger map" to use display Google Maps in full page mode.
- Select the Google Maps feature and hover the mouse pointer on the red marker on the map to see a pop dialogue box display the Business location
- The pop-up dialogue box displays "World Business Centre 3"
- Click the + and buttons within the Google Map feature to zoom in and out of the map to see alternative views of the map.
 - o Alternatively, double tap on map display to zoom in to the map
 - Alternatively, use pinch close or pinch apart gestures touching the device screen within the map are to zoom in and out of the map.
- Tap and hold two fingers on the map to scroll the map in different directions.
- Click the "Map" and "Satellite" button in the bottom left corner of the Google Maps feature to toggle different map features and display types.

Expected Result:

- The User can see a Google Maps feature embedded in the Contact Us section
- Embedded Google Map feature is responsive and fits the full width of the display
- The map is centered on the business address location at Heathrow Airport.
- The location is marked with a red map marker icon
- The user can hover the mouse pointer over the red map marker to display pop-up dialogue box displays "World Business Centre 3"
- The use can click on "Directions" to open the Google Maps website in a new tab to calculate directions to the Business location
- The user can click on "View larger map" to open the Google Maps website in a new tab in full screen mode.
- The map can be zoomed in and out
- The map can be scrolled in different directions
- The map display can be changed between map and satellite display types.
- The map responsively resizes depending upon the display size.

6.08 Mobile, Tablet and Desktop Device Testing:

- As a user, I can contact the business using their social media channels, call them or email.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll down to the Footer section at the bottom of the page.
- The Footer is divided into three distinct parts:
 - o The "Get in touch" section displays icons for each of the social media sites
 - The "Sitemap" section displays links to all pages on the site

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- o The "Contact" section displays the business address and telephone number
- Click on each of the four social media link icons to open the respective third-party websites in a separate browser tab:
 - Facebook icon
 - Twitter icon
 - LinkedIn icon
 - YouTube icon
- Click on the "Contact Us" link in the "Sitemap" section to open the Contact US page
- Scroll down the page to below the hero image.
- The Contact Us section is divided into three distinct parts:
 - The "Address" section displays the business address
 - The "Call Center" section displays the business telephone number
 - The "Support" section displays two business email addresses
- Click on each of the email addresses to open the default email application on your computer or device.
- The user can see the email address change to shorter links on tablet sized displays.
- The selected email address is pre-filled in the "To" field of a new blank email.

Expected Result:

- The user can see the Aviation Consultancy LLC contact details to either email or call the business in multiple places.
- The user can see the footer containing three social media links as icons:
 - o Facebook icon opens www.facebook.com in a separate browser tab
 - o Twitter icon opens www.twitter.com in a separate browser tab
 - o LinkedIn icon opens www.linkedin.com in a separate browser tab
 - YouTube icon opens www.youtube.com in a separate browser tab
- Note: if this website is being viewed on a mobile device and there are also apps for these three sites, the app may open instead of a web browser tab

6.09 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see a page describing the services provided by the business.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top the page to the Navigation menu bar
- Click on the "Our Services" menu item
- The Our Services page opens
- Scroll down the page to see short descriptions of the available services on different cards.

Expected Result:

- The user can see three cards each containing an image at the top, a quotation, and a description of the particular service.

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6.10 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see a page describing the company values.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top the page to the Navigation menu bar
- Click on the "About Us" menu item
- The About Us page opens
- Scroll down the page to see short descriptions of the company values on different cards.

Expected Result:

- The user can see three cards each containing an image at the top and a description of the particular company value.

6.11 Mobile, Tablet and Desktop Device Testing:

- As a user, I can read a biography of key personnel in the company.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the top the page to the Navigation menu bar
- Click on the "About Us" menu item
- The About Us page opens
- Scroll down the page to the "Meet some of our team" section to see four cards with team member portraits, LinkedIn profile links.
- Click on the LinkedIn icon on each card to open the LinkedIn webpage in a new browser tab.

Expected Result:

- The user can see each team member in separate cards.
- The user can click on each Team member's profile LinkedIn icon to open up

6.12 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see the website privacy policy and terms and conditions.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the bottom the page to the Footer section.
- Privacy Policy:
 - Click on the Privacy Policy link in the "Sitemap" section
 - The Privacy Policy page opens
 - The privacy policy text is hidden in an accordion of collapsed cards with the card headers showing the section headings.
 - o Click on each card header to expand that section to see the hidden text
 - Click on the card header again to collapse the card.
- Terms and Conditions:
 - Click on the Terms and Conditions link in the "Sitemap" section
 - The Terms and Conditions page opens
 - The Terms and Conditions text is hidden in an accordion of collapsed cards with the card headers showing the section headings.
 - Click on each card header to expand that section to see the hidden text

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O Click on the card header again to collapse the card.

Expected Result:

- The user can see an accordion shown as a vertical column of rectangular boxes containing the section headings.
- The user can click on any of the rectangular boxes, expanding the box to reveal the collapsed section text.
- The user can click on the same section heading to collapse the section again or click on a different section heading to reveal that section's text.
- The user finds this easier to navigate and scroll through than a very long list of text on the screen.

6.13 Mobile, Tablet and Desktop Device Testing:

- As a user, I can see Sitemap with links to all the site pages.

Please visit https://simonjvardy.github.io/Aviation-Consultancy/

- Scroll to the bottom the page to the Footer section.
- The Footer is divided into 3 distinct section the Sitemap is the middle section.
- Click on any of the links shown below the sitemap heading to navigate to that site page.
- Every page has the Sitemap in the Footer, click on the other links to navigate to the other site pages.

Expected Result:

- The user can see the Sitemap in the Footer section
- Every site page contains the Sitemap links list in the Footer
- The user can navigate to any site page from any site page.

7. UAT Test Results				
ID	Test Cases	Pass/Fail	Tested	Date Tested
7.01	Test Case 6.01 Mobile Device Testing: - As a user, I can see a collapsed navigation bar icon on mobile devices that opens to give access to the site navigation links when clicked.	Pass	Simon Vardy	04/09/2020
7.02	Test Case 6.02 Tablet and Desktop Device Testing: - As a user, I want to see a navigation bar at the top of the page where I can navigate to each of the different site pages.	Pass	Simon Vardy	04/09/2020
7.03	Test Case 6.03 - As a user, I can see a company logo or name in the navigation bar.	Pass	Simon Vardy	04/09/2020

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7.04	Test Case 6.04	Pass	Simon	04/09/2020
	- As a user, I can see a hero image welcoming the		Vardy	
	user to the site.		,	
7.05	Test Case 6.05	Pass	Simon	04/09/2020
	- As a user, I can see Call to Action (CTA) to learn		Vardy	
	more about the business and to contact the business.		,	
	- As a user, I can contact the business by submitting			
	my details with a message.			
7.06	Test Case 6.06	Pass	Simon	04/09/2020
	- As a user, I can see a carousel containing customer		Vardy	
	testimonials.		,	
7.07	Test Case 6.07	Pass	Simon	04/09/2020
	- As a user, I want to know where the business is		Vardy	
	located on a map.		,	
7.08	Test Case 6.08	Pass	Simon	04/09/2020
	- As a user, I can contact the business using their		Vardy	
	social media channels, call them or email.		,	
7.09	Test Case 6.09	Pass	Simon	04/09/2020
	- As a user, I can see a page describing the services		Vardy	
	provided by the business.		,	
7.10	Test Case 6.10	Pass	Simon	04/09/2020
	- As a user, I can see a page describing the company		Vardy	
	values.		,	
7.11	Test Case 6.11	Pass	Simon	04/09/2020
	- As a user, I can read a biography of key personnel		Vardy	
	in the company.		,	
7.12	Test Case 6.12	Pass	Simon	04/09/2020
	- As a user, I can see the website privacy policy and		Vardy	
	terms and conditions.		,	
7.13	Test Case 6.13	Pass	Simon	04/09/2020
	- As a user, I can see Sitemap with links to all the site		Vardy	
	pages.		,	

8. Addendums & Appendices

Include any additional documents.