REQUIREMENTS TRACEABILITY MATRIX

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VERSION

Version	Description	Approved By	Revision Date
1.0.0	Establishment of the initial RTM draft	Ridiculous 6	9/2/2024
1.0.1	Changes Made For Presentation 1	Ridiculous 6	10/8/2024
1.0.2	Changes Made For Presentation 2	Ridiculous 6	11/1/2024
1.0.3	Changes Made For Presentation 3	Ridiculous 6	11/20/2024
1.0.4	Final RTM Changes	Ridiculous 6	12/5/2024

Requirements									Integration Testing									Results	
ID #	Requirement Description	Requirement Type	Category	Priority	User	Team	Type	Dev Date	Test Case #	UAT Testing	UAT Date	SIT Testing	SIT Date	Test Run	Implementation Status	Implementation Date	Issues	Comments
SR-001	The Account tab shall allow clients to add to their profiles	Functional	Account	High	Client	5 Bits	Baseline	10/25/2024	1.1	Tested - Successful	10/29/2024	Tested - Successful	10/29/2024	Pass	Completed	10/29/2024	No Issues	Separation of Account and Profile pages was difficult to find solution to but eventually worked out.
SR-002	The Account tab shall allow clients to edit their profiles	Functional	Account	High	Client	5 Bits	Baseline	10/25/2024	1.1	Tested - Successful	10/29/2024	Tested - Successful	10/29/2024	Pass	Completed	10/29/2024	No Issues	Account tab allows users to edit their profile
SR-003	The Account tab shall allow clients to view their earned points	Functional	Account	Medium	Client	5 Bits	Baseline	10/26/2024	1.1	Tested - Successful	10/26/2024	Tested - Successful	10/26/2024	Pass	Completed	10/26/2024	Not linked to bookings	Entire point system is not built, but the place for the point system is in account.
SR-004	The Booking tab shall allow clients to book a trip	Functional	Booking	High	Client	5 Bits	Baseline	10/22/2024	1.3	Tested - Successful	10/9/2024	Tested - Successful	10/9/2024	Pass	Completed	10/9/2024	Webba doesn't store user data	First used Bookly, then Booking Calendar, and finally Webba Booking. The free version doesn't include payment integration
SR-005	The Inbox tab shall allow users to view messages	Functional	Chat	High	Client/Guide	5 Bits	Baseline	10/29/2024	1.1	Tested - Successful	11/2/2024	Tested - Successful	11/2/2024	Pass	Completed	11/2/2024	No Issues	Users can now view their messages.
SR-006	The Inbox tab shall allow users to send messages	Functional	Chat	High	Client/Guide	5 Bits	Baseline	10/29/2024	1.1	Tested - Successful	11/2/2024	Tested - Successful	11/2/2024	Pass	Completed	11/2/2024	No Issues	Users can select any user on the platform that hasn't enabled private mode
SR-007	The Inbox tab shall allow users to delete messages	Functional	Chat	Medium	Client/Guide	5 Bits	Baseline	10/29/2024	1.1	Tested - Successful	11/2/2024	Tested - Successful	11/2/2024	Pass	Completed	11/2/2024	No Issues	Users can now delete their messages.
SR-008	The Inbox tab shall allow users to mark their favorite messages	Functional	Chat	Medium	Client/Guide	5 Bits	Baseline	10/29/2024	1.1	Tested - Successful	11/2/2024	Tested - Successful	11/2/2024	Pass	Completed	11/2/2024	No Issues	Each individual message line can be favorited and saved for reference later
SR-009	The Survey Module shall allow administrators to build & post survey forms	Functional	Feedback	High	Admin	Syntax Sorcerers	Baseline	10/23/2024	1.2	Tested - Successful	10/27/2024	Tested - Successful	10/27/2024	Pass	Completed	10/27/2024	As of test case #1.2, Survey forms are still not storing the data	Survey Admins are able to build and post surveys
SR-010	The Survey Module shall allow clients to fill out survey forms	Functional	Feedback	High	Client	Syntax Sorcerers	Baseline	10/23/2024	1.2	Tested - Successful	10/27/2024	Tested - Successful	10/27/2024	Pass	Completed	10/27/2024	As of test case #1.2, Survey forms are still not storing the data	Users are able to fill out the form, and are redirected to the home screen after.
SR-011	The home screen shall allow users to navigate to all and individual guides	Functional	Home Screen	High	Client	Cardinal Coders	Baseline	9/24/2024	1.1	Tested - Successful	9/28/2024	Tested - Successful	9/29/2024	Pass	Completed	9/29/2024	No Issues	The Nav Bar and its dropdowns allow users to quickly navigate from anywhere on the site
SR-012	The home screen shall allow users to select Top Species	Functional	Home Screen	Medium	Client	Geek Squad	Baseline	9/25/2024	1.3	Tested - Successful	10/1/2024	Tested - Successful	9/26/2024	Pass	Completed	10/1/2024	After test case #1.1, the thumbnails didn't link to pages. After #1.2, they were linked and	Users can now select individual species pages
SR-013	The home screen shall allow users to select Blog	Functional	Home Screen	Low	Client	Geek Squad	Baseline	11/12/2024	1.2	Tested - Successful	11/23/2024	Tested - Successful	11/23/2024	Pass	Completed	11/23/2024	After test case #1.1, the Blog section on the homepage linked to the Blog page, but there	We have a place for it, we just need to create a few sample blog posts
SR-014	The home screen shall allow users to select FAQ	Functional	Home Screen	Medium	Client	Geek Squad	Baseline	11/24/2024	1.3	Tested - Successful	11/24/2024	Tested - Successful	11/24/2024	Pass	Completed	11/24/2024	After test case #1.2, the additional CSS is not changing the font and color for the	Home screen Features an FAQ for users to select
SR-015	The home screen shall allow user to select Feat. Guides	Functional	Home Screen	Medium	Client	Geek Squad	Baseline	9/24/2024	1.1	Tested - Successful	9/27/2024	Tested - Successful	9/24/2024	Pass	Completed	9/27/2024	CSS styling was modified for unknown reasons weeks after development concluded.	Featured guides will be displayed based on rating
SR-016	The home screen shall allow users to select Feat. Trips	Functional	Home Screen	Medium	Client	Geek Squad	Baseline	9/26/2024	1.1	Tested - Successful	9/29/2024	Tested - Successful	9/26/2024	Pass	Completed	9/29/2024	No Issues	There is no method of deciding which trips are featured currently. It's a static section for now
SR-017	The My Trip tab shall allow clients to view upcoming trips	Functional	My Trips	High	Client	5 Bits	Added	10/21/2024	1.2	Tested - Successful	10/24/2024	Tested - Successful	10/24/2024	Pass	Completed	10/24/2024	As of test case #1.1, we are unable to retrieve the user's booking data because of how it	The user clicks on the table header to display the appropriate contents
SR-018	The My Trip tab shall allow clients to cancel upcoming trip	Functional	My Trips	High	Client	5 Bits	Added	10/21/2024	1.1	Tested - Successful	10/24/2024	Tested - Successful	10/24/2024	Pass	Completed	10/24/2024	No Issues	Clients can cancel a trip form the sidebar
SR-019	The My Trip tab shall allow trip information to be viewed	Functional	My Trips	High	Client	Syntax Sorcerers	Added	10/21/2024	1.1	Tested - Successful	10/24/2024	Tested - Successful	10/24/2024	Pass	Completed	10/24/2024	No Issues	Clients can view trip information in my trips
SR-020	The My Trip tab shall allow clients to view previous trips	Functional	My Trips	Medium	Client/Guide	5 Bits	Added	10/21/2024	1.2	Tested - Successful	10/24/2024	Tested - Successful	10/24/2024	Pass	Completed	10/24/2024	As of test case #1.1, we are unable to retrieve the user's booking data because of how it	The user clicks on the table header in My Trips to display the appropriate contents
SR-021	The referrals sub-tab shall allow clients to refer a friend	Functional	Onboarding	Low	Client	5 Bits	Baseline	11/16/2024	1.2	Tested - Successful	11/17/2024	Tested - Successful	11/16/2024	Pass	Completed	11/17/2024	After test case #1.1, users were not recieving the email with the invite code. Test case	Referral page is found in the sidebar. Users can refer 1 friend per year
SR-022	The Waitlist Module shall allow users to be waitlisted	Functional	Onboarding	Medium	Client	Syntax Sorcerers	Baseline	11/7/2024	1.2	Tested - Successful	11/10/2024	Tested - Successful	11/10/2024	Pass	Completed	11/10/2024	During test case #2, the emails weren't received on the back-end.	Waitlist option available on registration page
SR-023	The Search Bar shall allow users to search for the contents of the site	Functional	Search	High	Client	5 Bits	Baseline	10/18/2024	1.1	Tested - Successful	10/20/2024	Tested - Successful	10/20/2024	Pass	Completed	10/20/2024	No Issues	Search Bar working effectively
SR-024	The Shop page shall allow clients to view their cart	Functional	Shop	High	Client	5 Bits	Baseline	10/26/2024	1.1	Tested - Successful	10/30/2024	Tested - Successful	10/30/2024	Pass	Completed	10/30/2024	No Issues	The cart only appears after something is placed in it. Appears in the bottom-right corner and follows the user to each page
SR-025	The Shop page shall allow clients to add items to cart	Functional	Shop	High	Client	5 Bits	Baseline	10/26/2024	1.1	Tested - Successful	10/30/2024	Tested - Successful	10/30/2024	Pass	Completed	10/30/2024	No Issues	Clients can add items to their cart
SR-026	The Shop page shall allow clients to view merchandise	Functional	Shop	Medium	Client	5 Bits	Baseline	10/26/2024	1.1	Tested - Successful	10/30/2024	Tested - Successful	10/30/2024	Pass	Completed	10/30/2024	No Issues	Clients can view merchandise in the shop
SR-027	The Shop page shall allow clients to Search for items	Functional	Shop	Medium	Client	5 Bits	Baseline	10/26/2024	1.1	Tested - Successful	10/30/2024	Tested - Successful	10/30/2024	Pass	Completed	10/30/2024	No Issues	This page allows users to search by keyword or select from a drop-down
SR-028	The Subscription plugin shall allow clients to renew their subscription	Functional	Subscription	High	Client	5 Bits	Baseline	10/14/2024	1.1	Tested - Successful	10/15/2024	Tested - Successful	10/15/2024	Pass	Completed	10/15/2024	No Issues	Clients can renew from the Dashboard located in the Sidebar
SR-029	The Subscription plugin shall allow clients to cancel their subscription	Functional	Subscription	High	Client	5 Bits	Baseline	10/14/2024	1.1	Tested - Successful	10/15/2024	Tested - Successful	10/15/2024	Pass	Completed	10/15/2024	No Issues	Users can cancel from the Dashboard
SR-030	The Subscription plugin shall allow subscription plans to be created	Functional	Subscription	High	Admin	Syntax Sorcerers	Baseline	10/14/2024	1.1	Tested - Successful	10/15/2024	Tested - Successful	10/15/2024	Pass	Completed	10/15/2024	No Issues	Subscription takes Stripe and offers a fast processor option
SR-031	The Subscription plugin shall allow subscription plans to be managed	Functional	Subscription	High	Admin	Syntax Sorcerers	Baseline	10/14/2024	1.1	Tested - Successful	10/15/2024	Tested - Successful	10/15/2024	Pass	Completed	10/15/2024	No Issues	Subscriptions plans can be managed
SR-032	The Subscription plugin shall allow for subscriptions to be purchased	Functional	Subscription	High	Client	Syntax Sorcerers	Baseline	10/14/2024	1.1	Tested - Successful	10/15/2024	Tested - Successful	10/15/2024	Pass	Completed	10/15/2024	No Issues	Subscriptions can be purchased by users
SR-033	The View Trips Page shall allow users to view a Google Map with all available states	Functional	View Trips	High	Client	Ridiculous Six	Added	10/16/2024	1.3	Tested - Successful	10/17/2024	Tested - Successful	10/17/2024	Pass	Completed	10/17/2024	After test case #1.1, polygons were not displaying due to how coordinates were	States are represented by clickable polygons that are formed by coordinates
SR-034	The View Trips Page shall allow users to choose trips based on state	Functional	View Trips	High	Client	Ridiculous Six	Added	10/16/2024	1.1	Tested - Successful	10/17/2024	Tested - Successful	10/17/2024	Pass	Completed	10/17/2024	No Issues	State filters are also available via the drop-down menu in the navigation bar.
SR-035	The Navigation Bar shall allow users to select from the listed pages	Functional	Navigation Bar	High	Client	Ridiculous Six	Added	10/15/2024	1.3	Tested - Successful	10/17/2024	Tested - Successful	10/17/2024	Pass	Completed	10/17/2024	No Issues	Pages listed under the navigation bar are interchangable.
SR-036	The Navigation Bar shall allow users to select from drop-downs for certain tabs	Functional	Navigation Bar	Medium	Client	Ridiculous Six	Added	10/16/2024	1.2	Tested - Successful	10/18/2024	Tested - Successful	10/18/2024	Pass	Completed	10/18/2024	After test case #1.1 there were some styling issues, but after our test case #1.2 we added	Pages listed under drop-down menus are interchangable.
SR-037	The Sidebar shall allow users to link to user related pages	Functional	Sidebar	High	Client	Ridiculous Six	Baseline	10/18/2024	1.1	Tested - Successful	10/25/2024	Tested - Successful	10/25/2024	Pass	Completed	10/25/2024	No Issues	Pages listed under side bar are interchangable.
SR-038	The Species page shall allow users to view all species and link to individual pages	Functional	Species	High	Client	Ridiculous Six	Added	11/8/2024	1.1	Tested - Successful	11/24/2024	Tested - Successful	11/23/2024	Pass	Completed	11/24/2024	No Issues	Thumbnail is not automatically filled in with details from correlating species pages.
SR-039	Individual species pages shall allow users to view specific information and book trips	Functional	Species	High	Client	Ridiculous Six	Added	11/8/2024	1.2	Tested - Successful	11/24/2024	Tested - Successful	11/23/2024	Pass	Completed	11/24/2024	The code we created to display the trips under the species pages messed up the image of	Species details do not automatically fill into the associated boxes on the home screen.
SR-040	The CMS shall maintain user information accuracy	Non-Functional	Operational	High	CMS	5 Bits	Baseline	9/22/2024	1.1	Tested - Successful	10/1/2024	Tested - Successful	10/1/2024	Pass	Completed	N/A	No Issues	Changes made in one section of the site are accurately reflected in other parts
SR-041	The CMS shall allow booking availability to be updated automatically	Non-Functional	Operational	High	Admin	Syntax Sorcerers	Baseline	9/22/2024	1.1	Tested - Successful	10/3/2024	Tested - Successful	10/3/2024	Pass	Completed	10/4/2024	No Issues	The Webba Booking plugin automatically updates availability after a booking is made
SR-042	The CMS shall keep the system up to date	Non-Functional	Performance	High	CMS	5 Bits	Baseline	9/22/2024	1.1	Tested - Successful	N/A	Tested - Successful	9/28/2024	Pass	Completed	N/A	No Issues	The CMS notifies us when plugins need updating. It is not set to auto-update
SR-043	The CMS shall scale horizontally	Non-Functional	Performance	High	CMS	Syntax Sorcerers	Baseline	9/22/2024	1.1	Tested - Successful	N/A	Tested - Successful	9/29/2024	Pass	Completed	N/A	No Issues	The CMS and Hosting service (Cloudways) allow for horizontal scaling without sacrificing performance
SR-044	The CMS shall maintain user data security	Non-Functional	Security	High	CMS	5 Bits	Baseline	9/22/2024	1.1	Tested - Successful	9/28/2024	Tested - Successful	9/28/2024	Pass	Completed	N/A	No Issues	Protected by Akismet
SR-045	The CMS shall maintain secure sign-in for users	Non-Functional	Security	High	CMS	5 Bits	Baseline	9/22/2024	1.1	Tested - Successful	9/22/2024	Tested - Successful	9/22/2024	Pass	Completed	N/A	No Issues	Sign-in is secure and contains required fields
SR-046	The CMS shall ensure secure payment processing via Stripe	Non-Functional	Security	High	CMS	5 Bits	Baseline	9/22/2024	1.1	Tested - Successful	9/23/2024	Tested - Successful	9/23/2024	Pass	Completed	N/A	No Issues	Subscription takes Stripe and offers a fast processor option
SR-047	Website will provide a "Contact Us" link at the bottom of the website page	Non-Functional	Security	High	CMS	Cardinal Coders	Baseline	10/27/2024	1.2	Tested - Successful	10/29/2024	Tested - Successful	10/27/2024	Pass	Completed	10/30/2024	Came across font issues, while using the wp forms to create our contact form	Contact form is linked in the footer
SR-048	The CMS shall backup information automatically	Non-Functional	Security	High	CMS	Geek Squad	Baseline	9/22/2024	1.1	Tested - Successful	N/A	Tested - Successful	9/22/2024	Pass	Completed	N/A	No Issues	Our data is backed up to our database and also stored by our hosting service
SR-049	The CMS shall allow subscription notifications to be sent	Non-Functional	Subscription	Medium	Admin	Syntax Sorcerers	Baseline	9/22/2024	1.1	Tested - Successful	9/24/2024	Tested - Successful	9/24/2024	Pass	Completed	N/A	No Issues	Users are sent notifications after subscriptions