

RELIONUS

Roofing and Building Supplies

WEBSITE USER STORIES

Developer Functional Requirements - Version 1.0

Prepared for website development

1. Website Objective

The RELIONUS Roofing and Building Supplies website will provide a clear path for customers to discover the business, browse products, register or log in, access protected pricing and technical resources, and request quotations.

- Learn about RELIONUS and the business.
- Browse products without creating an account.
- Search products and relevant website content.
- View detailed product information and specifications.
- Register for an account and securely log in.
- View product pricing only after login.
- Request quotations only after login.
- Access protected technical documents and downloads after login.
- Navigate through product categories, subcategories and products.
- Allow administrators to add future categories, subcategories and products without rebuilding the website structure.

2. Core Access Rules

Capability	Guest User	Logged-In User
Browse products	Allowed	Allowed
View product details/specifications	Allowed	Allowed
View price	Not allowed - show login prompt	Allowed
Request quote	Login/registration required	Allowed
Access protected technical downloads	Login/registration required	Allowed
Search website/products	Allowed	Allowed

EPIC 1 - Homepage

US-001 - View Homepage

As a	website visitor
I want	to visit the RELIONUS homepage
So that	I can understand who the company is and what products and services it provides.

Acceptance Criteria

- Homepage displays RELIONUS Roofing and Building Supplies branding.
- Homepage clearly communicates what RELIONUS does.
- Homepage includes clear navigation.
- Homepage includes a prominent View Products button.
- Homepage includes a prominent Request Quote button.
- Homepage includes a prominent site search field.
- Homepage works correctly on desktop, tablet and mobile.

US-002 - View Products From Homepage

As a	website visitor
I want	to click the View Products button
So that	I can browse the products offered by RELIONUS.

Acceptance Criteria

- Clicking View Products opens the main Products page.
- The Products page displays available product categories.
- Users do not need to log in to browse products.

US-003 - Request Quote From Homepage

As a	website visitor
I want	to click Request Quote
So that	I can submit a quotation request to RELIONUS.

Acceptance Criteria

- If logged in, Request Quote opens the quote request process.
- If not logged in, the website explains that login is required.
- Guest users are given Log In and Register options.
- After successful authentication, the user continues to the quote request process.

EPIC 2 - Main Navigation

US-004 - Main Navigation Menu

As a	website visitor
I want	a consistent navigation menu
So that	I can easily access important areas of the website.

Acceptance Criteria

- Main navigation includes Home, About, Products, Resources / Technical, Contact Us, and Log In / My Account.
- Navigation is visible across the main website and works on desktop and mobile.
- The active/current page is visually identifiable where appropriate.
- Administrators can maintain menu structure without coding where practical.

US-005 - Home Navigation

As a	website visitor
I want	to click Home
So that	I can return to the homepage.

Acceptance Criteria

- Clicking Home always navigates to the RELIONUS homepage.

EPIC 3 - About Us

US-006 - View About Page

As a	website visitor
I want	to view information about RELIONUS
So that	I can understand the company background, purpose and value proposition.

Acceptance Criteria

- Page can explain who RELIONUS is, why it was established, the customers/industries served, its approach to roofing and building supplies, and its commitment to quality and service.
- Content is editable by an administrator.

EPIC 4 - Contact Us

US-007 - View Contact Information

As a	website visitor
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I want	to access RELIONUS contact details
So that	I can contact the business.

Acceptance Criteria

- Contact page supports business name, phone, email, address if required, business hours if required, and a contact form.

US-008 - Submit Contact Form

As a	website visitor
I want	to send RELIONUS an enquiry
So that	the company can contact me.

Acceptance Criteria

- Required fields are validated.
- Email format is validated.
- Form is protected against automated spam/bot submissions.
- Successful submissions show a confirmation message.
- Enquiry is delivered to the configured RELIONUS email/CRM/system.

EPIC 5 - Product Catalogue

US-009 - View Product Categories

As a	website visitor
I want	to browse products by category
So that	I can quickly find the type of roofing or building product I require.

Acceptance Criteria

- Initial categories include Battens, Screws, Silicone Sealants and Accessories.
- The architecture supports adding new categories later without rebuilding the website.

US-010 - Product Menu Dropdown

As a	website visitor
I want	to open the Products menu
So that	I can quickly navigate to a product category.

Acceptance Criteria

- Desktop Products menu displays the main categories.
- Mobile uses an expandable/tappable menu rather than relying on hover.

EPIC 6 - Product Subcategories

US-011 - View Product Subcategories

As a	website visitor
I want	to see subcategories beneath each product category
So that	I can narrow down the type of product I need.

Acceptance Criteria

- Each primary category can contain multiple subcategories.
- Additional subcategories can be created without rebuilding the site.
- Selecting a subcategory displays products assigned to it.

Example hierarchy

- Battens -> available batten ranges
- Screws -> roofing screws, batten screws and other screw ranges
- Silicone Sealants -> transparent, coloured and other sealant ranges

EPIC 7 - Product Listing

US-012 - View Products Within a Category

As a	website visitor
I want	to see all products within a selected category or subcategory
So that	I can compare available products.

Acceptance Criteria

- Product listing supports product image, product name, short description, relevant model/SKU, and a link/button to Product Details.
- Pricing follows the login access rules.

US-013 - Select Product

As a	website visitor
I want	to select an individual product
So that	I can view detailed information about it.

Acceptance Criteria

- Clicking a product opens the correct Product Details page.
- The URL uniquely identifies the product where practical.

EPIC 8 - Product Details

US-014 - View Product Details

As a	website visitor
I want	to see detailed product information
So that	I can determine whether the product meets my requirements.

Acceptance Criteria

- Product page supports name, images, description, specifications, variations where applicable, product code/SKU, technical information, price area, Request Quote button, and relevant documents.

US-015 - Product Image Gallery

As a	website visitor
I want	to see multiple images of a product
So that	I can understand what the product looks like.

Acceptance Criteria

- Product can contain one or multiple images.
- Main image is prominent and additional images can be viewed.
- Images are responsive and administrator-maintainable.

US-016 - View Product Specifications

As a	website visitor
I want	to view technical specifications
So that	I can confirm product suitability.

Acceptance Criteria

- Specifications can include dimensions, material, coating, colour, size, length, thickness, pack quantity, standards/compliance and other product-specific fields.
- Different product types can use different specification fields.

EPIC 9 - Protected Pricing

US-017 - Hide Prices From Guest Users

As a	RELIONUS
I want	product prices hidden from users who are not logged in
So that	pricing is available only to registered customers.

Acceptance Criteria

- Product price is not displayed to guests.
- Price area displays a message such as Log in to view pricing.
- A Log In to View Price button is provided.
- New users are also offered a registration option.

US-018 - Show Prices to Logged-In Users

As a	registered customer
I want	to see product pricing after logging in
So that	I can understand RELIONUS pricing before requesting a quote.

Acceptance Criteria

- Logged-in users can see product prices.
- Guests cannot retrieve protected prices by directly accessing a product URL.
- Price protection is enforced by application/server logic, not only hidden visually with CSS or front-end code.

EPIC 10 - Customer Registration

US-019 - Register New Customer

As a	guest user
I want	to create an account
So that	I can access pricing, technical resources and quotation features.

Acceptance Criteria

- Registration supports first name, last name, business name, email, phone, password and confirm password.
- Required fields and email format are validated.
- Duplicate email accounts are handled correctly.
- Password security requirements are enforced.
- Registration uses anti-bot/spam protection.
- Successful registration creates the account and provides confirmation.

EPIC 11 - Customer Login

US-020 - Login

As a	registered customer
I want	to securely log in
So that	I can access customer-only website functionality.

Acceptance Criteria

- Login supports email and password.
- After successful login, prices become visible, quote requests are enabled, and protected resources become available.

US-021 - Failed Login

As a	registered user
I want	clear feedback when login fails
So that	I can correct the issue.

Acceptance Criteria

- Incorrect credentials generate an appropriate message without exposing sensitive security information.
- User can retry and access password reset.

US-022 - Forgot Password

As a	registered customer
I want	to reset my password if I forget it
So that	I can regain access to my account.

Acceptance Criteria

- Forgot Password link is available.
- User enters registered email and a secure reset process is initiated.
- User can set a new password without losing account data.

EPIC 12 - Login Redirect

US-023 - Return User to Intended Page After Login

As a	guest user attempting a protected action
I want	to return to what I was doing after login
So that	I do not have to start again.

Acceptance Criteria

- If a guest clicks Log In to View Price from a product, successful login returns them to the same product page with price visible.
- The same return-to-intended-page behaviour applies to quote requests and protected downloads where practical.

EPIC 13 - Request a Quote

US-024 - Request Quote as Logged-In User

As a	registered customer
I want	to request a quote
So that	RELIONUS can provide pricing for the products I require.

Acceptance Criteria

- Quote Request is available on appropriate pages and only authenticated users can complete it.
- Known customer information can prefill relevant fields.
- Customer can select/add products, specify quantity and add comments/details.
- Successful submission is recorded/delivered to RELIONUS and the customer sees confirmation.

US-025 - Request Quote as Guest User

As a	guest user
I want	clear instructions when I try to request a quote
So that	I know how to proceed.

Acceptance Criteria

- Guest sees a message that login is required.
- Log In and Register options are provided.
- After authentication, the user continues to the quote process.

US-026 - Request Quote From Product Page

As a	logged-in customer
I want	to request a quote directly from a product
So that	I do not have to find that product again.

Acceptance Criteria

- The selected product is automatically preselected in the quote request.
- User can specify quantity and, where supported, add more products.
- User can submit the request successfully.

EPIC 14 - Resources / Technical Downloads

US-027 - View Resources Page

As a	website visitor
I want	to see available technical resources

So that I can identify documentation relevant to products.

Acceptance Criteria

- Resources can include TDS, SDS, installation guides, specifications, engineering reports, compliance documents, warranties, brochures and other technical documents.

US-028 - Download Protected Resources

As a registered customer

I want to download technical documentation

So that I can use it for product selection, installation and project documentation.

Acceptance Criteria

- Documents can be associated with relevant products/categories.
- Logged-in users can access protected documents.
- Documents open/download correctly.
- Administrators can upload, replace and remove documents.

US-029 - Guest Attempts Protected Download

As a guest user

I want clear instructions when a document requires authentication

So that I know how to access it.

Acceptance Criteria

- Guest cannot directly download protected documents.
- User is prompted to Log In or Register.
- After successful authentication, the required document becomes accessible.

EPIC 15 - Website Search

US-030 - Search From Homepage

As a website visitor

I want a prominent search field on the homepage

So that I can quickly find products or information.

Acceptance Criteria

- Search bar is prominent and accepts normal keyword searches.
- Search is available to guests and logged-in users.

US-031 - Search Entire Website

As a	website visitor
I want	search to consider relevant website information
So that	I can find the information I need quickly.

Acceptance Criteria

- Search considers, where technically practical: product names, categories, subcategories, descriptions, specifications, SKU/product codes, technical content, resource/document titles and other indexable content.

US-032 - Broad Keyword Search

As a	website visitor
I want	a broad keyword to return relevant matches
So that	I can browse suitable products.

Acceptance Criteria

- Searching batten returns relevant batten products/categories and related technical content where appropriate.

US-033 - Multi-Keyword Search

As a	website visitor
I want	additional keywords to narrow search results
So that	I can find a specific product.

Acceptance Criteria

- Searching silicone can return multiple relevant silicone products.
- Searching silicone transparent narrows/prioritises transparent silicone results.
- Results are ranked by relevance where technically practical.

US-034 - Open Product From Search Results

As a	website visitor
I want	to select a product from search results
So that	I can view its complete information.

Acceptance Criteria

- Product results link to the correct Product Details page.
- Login and pricing rules remain enforced on the destination page.

US-035 - No Search Results

As a	website visitor
I want	helpful feedback when nothing matches
So that	I can try another search or browse another way.

Acceptance Criteria

- Website displays a useful no-results message rather than a blank page.
- Links to browse product categories are provided where practical.

EPIC 16 - Security and Anti-Spam

US-036 - Protect Registration From Bots

As a	RELIONUS
I want	the registration process protected from automated or malicious submissions
So that	fake accounts and spam are reduced.

Acceptance Criteria

- Appropriate reCAPTCHA or equivalent bot protection is implemented.
- Protection minimises unnecessary friction for legitimate users.
- Registration endpoint includes server-side validation.

US-037 - Protect Contact and Quote Forms

As a	RELIONUS
I want	public-facing forms protected
So that	automated spam and malicious submissions are reduced.

Acceptance Criteria

- Appropriate protection is applied to registration, contact, login security, password reset, quote requests and other public forms.
- Use reCAPTCHA/equivalent, rate limiting, validation and platform security controls rather than relying on a single mechanism.

US-038 - Prevent Direct Access to Protected Content

As a	RELIONUS
I want	protected information secured at application level
So that	users cannot bypass login restrictions.

Acceptance Criteria

- Guests cannot bypass authentication to access protected pricing, protected downloads, account-only functionality or quote submission.

EPIC 17 - Customer Account

US-039 - View My Account

As a	registered customer
I want	an account area
So that	I can manage my RELIONUS website account.

Acceptance Criteria

- Account area can show name, business name, email, phone and relevant account details.
- Architecture allows additional customer functionality in future phases.

US-040 - Logout

As a	logged-in customer
I want	to log out securely
So that	another person using my device cannot access my account.

Acceptance Criteria

- Logout option is clearly available.
- Session ends securely.
- Protected pricing/resources are no longer accessible after logout.

EPIC 18 - Product Administration and Scalability

US-041 - Add New Product Category

As a	RELIONUS administrator
I want	to add new product categories
So that	the website can grow as the product range expands.

Acceptance Criteria

- Administrator can add categories without developer intervention where practical.
- New categories fit into the existing catalogue/navigation structure.

US-042 - Add Product Subcategory

As a	RELIONUS administrator
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I want	to create subcategories beneath a category
So that	products remain organised as the catalogue grows.

Acceptance Criteria

- Subcategories can be created and assigned to parent categories.
- Products can be assigned to subcategories.
- Navigation reflects the configured structure where practical.

US-043 - Add and Edit Products

As a	RELIONUS administrator
I want	to create and maintain products
So that	the catalogue remains current.

Acceptance Criteria

- Administrator can maintain product name, category, subcategory, images, description, specifications, SKU/product code, price, technical documents, status and search-related information.

US-044 - Hide or Disable Product

As a	RELIONUS administrator
I want	to temporarily hide a product
So that	unavailable or discontinued products do not need to be permanently deleted.

Acceptance Criteria

- Products support an active/inactive or published/unpublished status.

EPIC 19 - Responsive Website

US-045 - Mobile and Tablet Compatibility

As a	website visitor
I want	the website to work correctly on my device
So that	I can use RELIONUS from a phone, tablet or computer.

Acceptance Criteria

- Navigation, product menus, categories, search, login, registration, product details, quote requests, technical downloads and contact forms work correctly across common screen sizes.

EPIC 20 - Core Customer Journeys

US-046 - Guest Product Journey

As a	new visitor
I want	to browse the product range without registering
So that	I can determine whether RELIONUS has what I need.

Acceptance Criteria

- Expected flow: Homepage -> View Products -> Category -> Subcategory -> Product -> Product Details -> specifications/images visible -> price hidden -> Log In to View Price.

US-047 - New Customer Registration Journey

As a	new customer
I want	to register when I reach a protected feature
So that	I can continue without losing the product I was viewing.

Acceptance Criteria

- Expected flow: Product Details -> Log In to View Price -> Register -> successful authentication -> return to Product Details -> price revealed.

US-048 - Existing Customer Journey

As a	existing customer
I want	to log in and immediately access customer functionality
So that	I can quickly obtain the information I need.

Acceptance Criteria

- Expected flow: Homepage -> Log In -> browse/search -> Product Details -> View Price -> Request Quote.

US-049 - Quote Journey

As a	registered customer
I want	a simple quotation workflow
So that	requesting product pricing requires minimal effort.

Acceptance Criteria

- Expected flow: Search/Browse Product -> Product Details -> Request Quote -> product preselected -> enter quantity/details -> submit -> confirmation.

US-050 - Search Journey

As a	website visitor
I want	to progressively refine my search
So that	I can quickly locate a specific product.

Acceptance Criteria

- Example flow: search silicone -> relevant silicone products -> search silicone transparent -> narrower results -> select result -> Product Details.

3. Recommended Overall Website Flow

Guest User

Homepage -> Learn About RELIONUS -> Search or View Products -> Category -> Subcategory -> Product -> Product Details -> Specifications & Images visible -> Price protected -> Login/Register -> Logged In -> Price visible -> Request Quote.

Registered User

Homepage -> Login -> Search / View Products -> Product Details -> View Price -> Request Quote -> Submit.

Technical Document Journey

Resources / Technical -> Select document/product -> if guest, Login/Register -> Authenticate -> Access/download document.

4. Important Development Principle

The product architecture must not be hard-coded specifically for Battens, Screws, Silicone Sealants and Accessories. These are the initial categories only. The recommended scalable content structure is:

Category -> Subcategory -> Product -> Product Details -> Associated Documents

This allows RELIONUS to add completely new roofing and building supply ranges later without redesigning the website. Search should index the product/content information stored in the website rather than depend only on manually defined search keywords.

5. Phase 1 Priority

1. Homepage and company information
2. Product catalogue
3. Categories and subcategories
4. Product Details pages
5. Powerful website/product search
6. Customer registration
7. Customer login, logout and password reset
8. Price hidden for guests
9. Price visible after login
10. Request Quote functionality

11. Resources and technical downloads
12. Protected customer-only content
13. reCAPTCHA / anti-spam / security controls
14. Responsive mobile and tablet design
15. Easy administration of categories, products, prices and documents