```
python main.py --url https://www.abbottlyon.com --products
/products/floating-birthstone-locket-necklace-silver  --timeout 180
🔍 Testing https://www.abbottlyon.com/products/floating-birthstone-locket-
necklace-silver...
INFO     [service] Using anonymized telemetry, see https://docs.browser-
use.com/development/telemetry.
INFO     [Agent] 🔗 Found URL in task:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, adding as initial action...
INFO     [Agent] 🚀 Task:
You are a QA agent testing an ecommerce product page.

Steps:
1. Navigate to the target URL.
2. Confirm the page loads within the timeout.
3. Validate presence of:
   - Product title
   - Product price
   - Product description
   - Add-to-cart button
   - Product variants (if any)
4. Check page title & meta description exist.
5. Report missing or broken elements clearly.
6. Always output results in structured JSON format with keys:
   "category", "success", "partial", "details"

Details should include:
- product_elements with all extracted info
- SEO metadata status
- any issues or missing elements

Target URL: https://www.abbottlyon.com/products/floating-birthstone-locket-
necklace-silver

INFO     [service]
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INFO     [service] 🔐 To view this run in Browser Use Cloud, authenticate
with:
INFO     [service]     👉  browser-use auth
INFO     [service]     or: python -m browser_use.cli auth
INFO     [service]
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INFO     [Agent]   🦾 [ACTION 1/1] go_to_url: url:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, new_tab: False
INFO     [tools] 🔗 Navigated to
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver
INFO     [Agent] 🧠 Starting a browser-use version 0.7.7 with model=gpt-4.1
INFO     [Agent]

INFO     [Agent] 📍 Step 1:
```

```
INFO     [Agent]   👍 Eval: Page loaded successfully but only partial product
information is visible; several required elements are missing or not yet
loaded.
INFO     [Agent]   🎯 Next goal: Scroll down to reveal more of the product
details and check for missing elements such as price, description, add-to-
cart button, and variants.
INFO     [Agent]   🦾 [ACTION 1/1] scroll: down: True, num_pages: 1.0,
frame_element_index: None
INFO     [tools] 🔍 Scrolled down the page by one page
INFO     [Agent]

INFO     [Agent] 📍 Step 2:
INFO     [Agent]   ❓ Eval: Scroll action succeeded; more product elements
are now visible including title, price, variants, and add-to-cart button.
INFO     [Agent]   🎯 Next goal: Dismiss the cookie banner to ensure full
visibility of all product details and check for the product description.
INFO     [Agent]   🦾 [ACTION 1/1] click_element_by_index: index: 4,
while_holding_ctrl: None
INFO     [tools] 🖱️ Clicked element with index 4
INFO     [Agent]

INFO     [Agent] 📍 Step 3:
INFO     [Agent]   👍 Eval: Clicked on an element (likely cookie or promo
close), but a 15% off promo modal is now blocking content. Verdict: Partial
success—cookie banner may be gone, but another overlay appeared.
INFO     [Agent]   🎯 Next goal: Close the 15% off promo modal by clicking
its close button (index 3) to reveal all product details for extraction and
validation.
INFO     [Agent]   🦾 [ACTION 1/1] click_element_by_index: index: 3,
while_holding_ctrl: None
INFO     [tools] 🖱️ Clicked element with index 3
INFO     [Agent]

INFO     [Agent] 📍 Step 4:
INFO     [Agent]   👍 Eval: Successfully closed the promo modal; main product
elements are now visible. Verdict: Success.
INFO     [Agent]   🎯 Next goal: Extract structured data for all visible
product details and SEO metadata to validate presence of required elements.
INFO     [Agent]   🦾 [ACTION 1/1] extract_structured_data: query: Extract
the following from this ecommerce product page: 1) Product title 2) Product
price ...
INFO     [tools] 📄 Extracted content from
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver for query: Extract the following from this ecommerce product page: 1)
Product title 2) Product price 3) Product description 4) Add-to-cart button
presence 5) All available product variants/options (e.g., chain type,
birthstones) 6) Page title 7) Meta description. Return all extracted info in
structured JSON with keys: 'product_elements', 'seo_metadata'. If any element
is missing or broken, note it clearly.
Content saved to file system: Extracted content saved to file
extracted_content_0.md successfully. and displayed in <read_state>.
INFO     [Agent]
INFO     [Agent] 📍 Step 5:
INFO     [Agent]  👍 Eval: Successfully extracted all visible product
details; SEO metadata is missing. Verdict: Partial success.
INFO     [Agent]  🎯 Next goal: Output a structured JSON report summarizing
which elements are present and which are missing or broken, as per user
request.
INFO     [Agent]  🛠️ [ACTION 1/1] done: text: \n  category:
ecommerce_product_page_QA,\n  success: false,\n  partial: true,\n  details:
\n    product_elem
INFO     [Agent]
📄  Final Result:
{
  "category": "ecommerce_product_page_QA",
  "success": false,
  "partial": true,
  "details": {
    "product_elements": {
      "product_title": "Floating Birthstone Locket Necklace (Silver)",
      "product_price": "Rs. 9,700.00",
      "product_description": "A piece filled with love. Add 1-5
interchangeable birthstone charms to the glass locket, each representing the
ones who hold your heart—from children and family to forever friends. The
perfect gift for mums, new parents or yours truly. Simply open the side clasp
to add stones as your story grows.\nNEED TO KNOW\n  * Platinum plated
stainless steel, glass casing\n  * Two-year quality and plating guarantee\n
* Comes in luxury recyclable packaging\n  * Innovative anti-tarnish
protective coating\n  * Made from over 60% recycled materials\n  * Locket
Dimensions: 11.5mm x 13.5mm\n  * Birthstones: 3mm bezel-set coloured preciosa
crystal\nDue to the construction of this piece, we recommend that you do not
wear it under water",
      "add_to_cart_button_presence": true,
      "available_product_variants_options": {
        "chain_type_and_length": [
          {"type": "Fine Chain", "length": "14 - 16 in", "price": "Rs.
9,700.00"},
          {"type": "Fine Chain", "length": "18 - 20 in", "price": "Rs.
9,700.00"},
          {"type": "Fine Chain", "length": "22 - 24 in", "price": "Rs.
9,700.00"},
          {"type": "Sphere Chain", "length": "14 - 16 in", "price": "Rs.
10,400.00"},
          {"type": "Sphere Chain", "length": "18 - 20 in", "price": "Rs.
10,400.00"},
          {"type": "Sphere Chain", "length": "22 - 24 in", "price": "Rs.
10,400.00"},
          {"type": "Figaro Chain",   "length":"18
in","price":"Rs.10,400.00"},
          {"type":"Figaro Chain","length":"22 in","price":"Rs.10,400.00"},
          {"type":"Tennis Chain","length":"14 - 16
in","price":"Rs.10,400.00"}
        ],
        "birthstones_options_count_range":"1-5 (interchangeable birthstone
charms can be added)",
        // Note: Specific birthstone types/colors are not listed on this
page.
        // Additional options:
```

```
        // - Add Second Birthstone
        // - Add Third Birthstone
        // - Add Fourth Birthstone
        // - Add Fifth Birthstone
        // - Add 2-Inch Chain Extender
        // - Add Half Price Layering Chain
      }
    },
    "seo_metadata_status": {
      "page_title_found": false,
      "meta_description_found": false,
      "issues_or_missing_elements": [
        {
          "element":"page_title",
          "status":"missing or not found"
        },
        {
          "element":"meta_description",
          "status":"missing or not found"
        }
      ]
    }
  }
}
```

```
INFO     [Agent] ❌ Task completed without success
WARNING  [cdp_use.client] WebSocket connection closed: no close frame
received or sent
INFO     [Agent] 🔗 Found URL in task:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, adding as initial action...
INFO     [Agent] 🚀 Task:
You are a QA agent testing an ecommerce product page for images.

Steps:
1. Verify all images on the page load successfully.
2. Check primary product images, gallery images, category images, brand
logos, promotional banners.
3. Validate alt text for accessibility.
4. Check image dimensions.
5. Detect broken images (404 errors).
6. Trigger lazy-loaded images by scrolling and waiting.
7. Always output results in structured JSON format with keys:
   "category", "success", "partial", "details"

Details should include:
- all visible images with src, alt, width/height
- any broken or missing images
- partial success if some images cannot be extracted

Target URL: https://www.abbottlyon.com/products/floating-birthstone-locket-
necklace-silver
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```
INFO     [service]
──────────────────────────────────────────────────────────────────────────────
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INFO     [service] 🔐 To view this run in Browser Use Cloud, authenticate
with:
INFO     [service]     👉  browser-use auth
INFO     [service]     or: python -m browser_use.cli auth
INFO     [service]
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INFO     [Agent]   🦾 [ACTION 1/1] go_to_url: url:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, new_tab: False
INFO     [tools] 🔗 Navigated to
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver
INFO     [Agent] 🧠 Starting a browser-use version 0.7.7 with model=gpt-4.1
INFO     [Agent]

INFO     [Agent] 📍 Step 1:
INFO     [Agent]   👍 Eval: Successfully loaded the target product page. No
images are currently visible in the viewport.
INFO     [Agent]   🎯 Next goal: Scroll down by 2 pages to reveal more images
and content for extraction.
INFO     [Agent]   🦾 [ACTION 1/1] scroll: down: True, num_pages: 2.0,
frame_element_index: None
INFO     [tools] 🔍 Scrolled down the page by 2.0 pages
INFO     [Agent]

INFO     [Agent] 📍 Step 2:
INFO     [Agent]   👍 Eval: Successfully scrolled down by 2 pages to reveal
more images and content. Verdict: Success.
INFO     [Agent]   🎯 Next goal: Extract structured data for all images on
the page, including src, alt text, width/height, and broken status.
INFO     [Agent]   🦾 [ACTION 1/1] extract_structured_data: query: Extract
all <img> elements on the page with their src, alt text, width, height, and
any in...
INFO     [tools] 📄 Extracted content from
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver for query: Extract all <img> elements on the page with their src, alt
text, width, height, and any indication of broken/missing images. Also
include any background images used for product/gallery/category/brand/promo
purposes with their URLs and alt equivalents if available.
Content saved to file system: Extracted content saved to file
extracted_content_0.md successfully. and displayed in <read_state>.
INFO     [Agent]

INFO     [Agent] 📍 Step 3:
INFO     [Agent]   👍 Eval: Structured data extraction succeeded for visible
content but lacked alt text and dimension info; overlay popups may be
blocking further content. Partial success so far.
```

```
INFO     [Agent]   🎯 Next goal: Dismiss cookie and promo overlays by
clicking 'Accept All Cookies' and 'Maybe Later', then scroll further to load
more images for complete extraction.
INFO     [Agent]   🦾 [ACTION 1/2] click_element_by_index: index: 10,
while_holding_ctrl: None
INFO     [tools] 🖱️ Clicked element with index 10
INFO     [service] Something new appeared after action 1 / 2: actions
click_element_by_index were not executed
INFO     [Agent]


INFO     [Agent] 📍 Step 4:
INFO     [Agent]   👍 Eval: Partially successful: one overlay was dismissed,
but the promo popup remains and blocks content. Need to dismiss it before
continuing.
INFO     [Agent]   🎯 Next goal: Click the 'Maybe Later' button (index 12) to
dismiss the promo popup, then scroll down by 2 more pages to load additional
images for complete extraction.
INFO     [Agent]   🦾 [ACTION 1/2] click_element_by_index: index: 12,
while_holding_ctrl: False
INFO     [tools] 🖱️ Clicked element with index 12
INFO     [Agent]   🦾 [ACTION 2/2] scroll: down: True, num_pages: 2.0,
frame_element_index: None
INFO     [tools] 🔍 Scrolled down the page by 2.0 pages
INFO     [Agent]


INFO     [Agent] 📍 Step 5:
INFO     [Agent]   👍 Eval: Promo overlay was dismissed and additional
content/images are now visible. Success.
INFO     [Agent]   🎯 Next goal: Extract structured data for all <img> and
background images from the current page starting from where the last
extraction was truncated to capture all required details.
INFO     [Agent]   🦾 [ACTION 1/1] extract_structured_data: query: Extract
all <img> elements on the page with their src, alt text, width, height, and
any in...
INFO     [tools] 📄 <url>
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver
</url>
<query>
Extract all <img> elements on the page with their src, alt text, width,
height, and any indication of broken/missing images. Also include any
background images used for product/gallery/category/brand/promo purposes with
their URLs and alt equivalents if available.
</query>
<result>
No <img> elements are present in the provided content, and there are no
references to background images used for product, gallery, category, brand,
or promo purposes. No information is available regarding image src, alt text,
width, height, or broken/missing images in the given content.
</result>
INFO     [Agent]


INFO     [Agent] 📍 Step 6:
```

```
INFO     [Agent]   ❔ Eval: Last extraction failed to find any <img>
elements; overlays are now cleared and more images are visible, so a new
extraction is warranted.
INFO     [Agent]   🎯 Next goal: Extract all <img> and background images from
the current page starting from char 29825 to capture src, alt text,
width/height, and broken status for QA analysis.
INFO     [Agent]   🦾 [ACTION 1/1] extract_structured_data: query: Extract
all <img> elements on the page with their src, alt text, width, height, and
any in...
INFO     [tools] 📄 <url>
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver
</url>
<query>
Extract all <img> elements on the page with their src, alt text, width,
height, and any indication of broken/missing images. Also include any
background images used for product/gallery/category/brand/promo purposes with
their URLs and alt equivalents if available.
</query>
<result>
No <img> elements are present in the provided content. There are also no
background images used for product, gallery, category, brand, or promo
purposes in the provided content. No information about image src, alt text,
width, height, or broken/missing images is available in the given section. If
you require a scan of additional parts of the page, please provide more
content using the start_from_char parameter.
</result>
INFO     [Agent]

INFO     [Agent] 📍 Step 7:
INFO     [Agent]   👍 Eval: Previous extraction attempts failed to find new
<img> elements; overlays are now cleared and more images are visible for
further extraction. Verdict: Partial success so far.
INFO     [Agent]   🎯 Next goal: Extract structured data for all <img> and
background images from the current viewport to capture src, alt text,
width/height, and broken status for QA analysis.
INFO     [Agent]   🦾 [ACTION 1/1] extract_structured_data: query: Extract
all <img> elements currently visible in the viewport with their src, alt
text, wid...
ERROR    [tools] Action 'extract_structured_data' failed with error: Error
executing action extract_structured_data: 'charmap' codec can't encode
character '\u2212' in position 5271: character maps to <undefined>
INFO     [Agent]

INFO     [Agent] 📍 Step 8:
WARNING  [cdp_use.client] WebSocket connection closed: no close frame
received or sent
INFO     [Agent] 🔗 Found URL in task:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, adding as initial action...
INFO     [Agent] 🚀 Task:
You are a QA agent detecting errors on an ecommerce page.

Steps:
```

```
1. Capture JavaScript console errors and uncaught exceptions.
2. Capture network failures (4xx, 5xx).
3. Detect resource loading failures (CSS, JS, images).
4. Identify CORS errors.
5. Report third-party script failures (analytics, payments).
6. Check for performance warnings and security issues.
7. Always output results in structured JSON format with keys:
   "category", "success", "partial", "details"

Details should include:
- all detected errors with type, code, message
- partial success if some errors could not be checked

Target URL: https://www.abbottlyon.com/products/floating-birthstone-locket-
necklace-silver

INFO     [service]
──────────────────────────────────────────────────────────────────────────────
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INFO     [service] 🔐 To view this run in Browser Use Cloud, authenticate
with:
INFO     [service]     👉  browser-use auth
INFO     [service]     or: python -m browser_use.cli auth
INFO     [service]
──────────────────────────────────────────────────────────────────────────────
───────────────────────────────────────────


INFO     [Agent]   🦾 [ACTION 1/1] go_to_url: url:
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver, new_tab: False
INFO     [tools] 🔗 Navigated to
https://www.abbottlyon.com/products/floating-birthstone-locket-necklace-
silver
INFO     [Agent] 🧠 Starting a browser-use version 0.7.7 with model=gpt-4.1
INFO     [Agent]

INFO     [Agent] 📍 Step 1:
INFO     [Agent]   👍 Eval: Successfully navigated to the target URL but
encountered a site-wide loading failure message. Verdict: Failure (site not
loaded).
INFO     [Agent]   🎯 Next goal: Click the 'Refresh Page' button to retry
loading and check for more detailed errors or changes in behavior.
INFO     [Agent]   🦾 [ACTION 1/1] click_element_by_index: index: 1,
while_holding_ctrl: None
INFO     [tools] 🖱️ Clicked element with index 1
INFO     [Agent]

INFO     [Agent] 📍 Step 2:
INFO     [Agent]   ⚠️ Eval: Refreshing the page did not resolve the loading
issue; the error message persists. Verdict: Failure.
INFO     [Agent]   🎯 Next goal: Prepare and output a structured JSON report
summarizing all detected errors and limitations per user instructions.
```

```
INFO     [Agent]    🛠️ [ACTION 1/1] done: text: \n  category:
ecommerce_page_error,\n  success: false,\n  partial: true,\n  details: [\n
\n      type:
INFO     [Agent]
📄 Final Result:
{
  "category": "ecommerce_page_error",
  "success": false,
  "partial": true,
  "details": [
    {
      "type": "resource_loading_failure",
      "code": null,
      "message": "The website failed to load completely; only an error
message is displayed ('There was a problem loading this website'). No product
content is visible."
    },
    {
      "type": "network_failure",
      "code": null,
      "message": "Possible server/network error (e.g., 5xx) inferred from
persistent site-wide failure message after refresh. Cannot confirm exact HTTP
status without network trace access."
ithout network trace access."
    },
    },
    {
    {
      "type": "javascript_error",
      "type": "javascript_error",
      "code": null,
      "message": "Possible uncaught JavaScript exception inferred from total
site failure; unable to capture console logs directly in this environment."
      "code": null,
      "message": "Possible uncaught JavaScript exception inferred from total
site failure; unable to capture console logs directly in this environment."
    },
    {
      "type": "third_party_script_failure",
    },
    {
      "type": "third_party_script_failure",
      "code": null,
      "message": "Potential third-party script (analytics/payments) failures
cannot be confirmed due to lack of diagnostic output or console/network
access."
    },
      "message": "Potential third-party script (analytics/payments) failures
cannot be confirmed due to lack of diagnostic output or console/network
access."
    },
    {
    {
      "type": "CORS_error",
      "type": "CORS_error",
      "code": null,
      "code": null,
      "message": "Unable to check for CORS errors without developer tools
access; possible if resources are blocked cross-origin."
    },
    {
    {
      "type": "performance_security_warning",
      "code": null,
      "type": "performance_security_warning",
      "code": null,
      "code": null,
      "message": "Performance and security warnings cannot be checked without
browser diagnostics; none visible in UI."
    }
  ]
  ]
}
}
```

```
INFO     [Agent] ❌ Task completed without success
WARNING  [cdp_use.client] WebSocket connection closed: no close frame
received or sent
✅ Report saved to report.json
```