Reference · Knowledge Base tools

Search and Verify quote

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The Knowledge Base search page at /search: the seven mode chips, search as you type, results and the composition panel, the Verify quote mode, deep links and its limits.

https://docs.gurbanisoul.com/website/knowledge-base/search/

`/search` is the page's face on two API routes: `/api/search` and `/api/verify`. How the server finds and ranks a line — the waterfall, the Roman fold, the variant index — is in **Search & verification**; this page is what the browser does with it.

Modes

Seven chips, a radio group, sit under the box:

Chip	Sends
Auto	`/api/search?mode=auto` (the server picks the way)
Gurmukhi	`mode=gurmukhi`
Roman	`mode=roman`
English	`mode=english` (the labelled translation layer)
First letters	`mode=first`
Theme	`mode=theme`
Verify quote	`/api/verify` instead of a search

The six search modes are the API's own (**modes and tiers**). Verify quote is a mode of this page only. Before anything is typed, the page shows a few lines on what the chosen mode takes, as the app does.

Searching

- **As you type.** After a pause of 300 ms, a query of two characters or more is searched. The previous results stay, dimmed, until the new ones arrive, and a result that arrives after a newer search was started is dropped. Enter searches at once. In Verify quote nothing is sent until Enter: half a line would always read "not found".

- **Results** come 50 at a time, with "More ›" for the next 50. The count line says how the server interpreted the query (`interpreted as …`). Each card shows the verse, its transliteration, the translation where there is one, and chips for the Ang, raag, section, author, a refrain mark and, in theme mode, the matched term. Query words are highlighted; Gurmukhi is marked a whole word at a time, so a highlight never splits a conjunct or parts a vowel sign from its consonant.
- **Opening a result** opens its whole composition in the composition panel (`/api/shabad/{comp_id}`), from where "Open Ang" goes to the Reader.
- **Themes.** A theme answer shows the theme's description, its Gurmukhi terms and its line count; any answer may list related themes, each a link that re-runs the search in theme mode. With no results the page suggests fewer words, first letters, three themes or the Index.

Verify quote

The pasted line goes to `/api/verify?q=…`. Ending it with `@` and an Ang (for example `… @1`) sends that Ang as the claimed page (`&ang=1`). The verdict is shown in one of three styles — verified, not found, or a close match to compare — with the confidence (not for "not found"), and the canonical line with its Ang as a card that opens the Reader. The verdicts and thresholds are the **verification engine**'s.

Deep links

`/search?q=<text>&mode=<mode>` runs that search on arrival; `mode` may be any of the seven (`verify` included). The page keeps the address in step with the box with `history.replaceState`, so a search can be shared and Back is not filled with one entry per keystroke. Theme tiles, contributor profiles and the Insights network link here with `mode=theme`.

Accessibility

- Languages: English only, with Gurmukhi marked `lang="pa"`; see **languages and accessibility**.
- The mode chips are `role="radio"` in a `radiogroup`; the arrow keys move between them and Enter or Space chooses one.
- The results region is `aria-live="polite"`. Result cards are focusable and open with Enter or Space.
- The box takes focus on arrival only on a wide screen with a fine pointer; on a phone that would raise the keyboard.
- Tests: `frontend/e2e/search-live.spec.ts`, `waheguru.spec.ts`.

Known limits

- The page asks for at most 50 results per request and pages by offset; the API allows up to 200 (`limit`).

- A failed request replaces the results with a “couldn’t be loaded” line; the toast from `api()` carries the server’s error message.

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