

Sources

Project Gutenberg

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Internet Archive

Pedro Orozco

OpenLibrary

Pedro Orozco

ManyBooks

Pedro Orozco

Google Books (Free section)

Pedro Orozco

PDF Books World

Pedro Orozco

Searching/Filtering on Page

Search bar with advanced options to filter by author, year, file type, edition, etc.

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Toggle for exact matches vs similar matches

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Sorting available: Sort by relevance, alphabetical order, release date, etc.

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UX

Compact cards that result from searches. Cards include cover, title, author, year

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Read Online button

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Download Book button (if available)

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Group by edition to avoid clutter

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Users have 'reading list' where they can save books for later

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Dark Mode availability

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Feature to compare books if multiple sources return same book (compares file type, file size, editions available, etc.)

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Community

Users can report broken links to books

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Users can submit new sources that legally provide books in public domain

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Users can rate quality of search results from sources

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Gathering Data from Sources

Use existing APIs for sources that publicly provide APIs

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If any source lacks public API for data on available books, opt for scripts to scrape data (ethically speaking)

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Systematically check scripts and data from APIs to ensure links and book availability is accurate (can be done weekly)

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Use JSON to structure book data being funneled from all scripts/APIs (JSON should include keys for title, author, ISBN, publisher, etc.)

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Implement error checking in case any link returns some kind of error (Like 404 Page Not Found). These should all be flagged appropriately as to not include them in results

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