Metadata Management and AI Development in a Community Library



UNIVERSIDAD DE BUENOS AIRES - Facultad de Filosofía y Letras

PST Seminar - Children's and Young Adult Literature: Reading, writing, orality, and artistic languages. Typology of books for school-age children.
Led by
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Starting Point

COLLECTIVE WORK

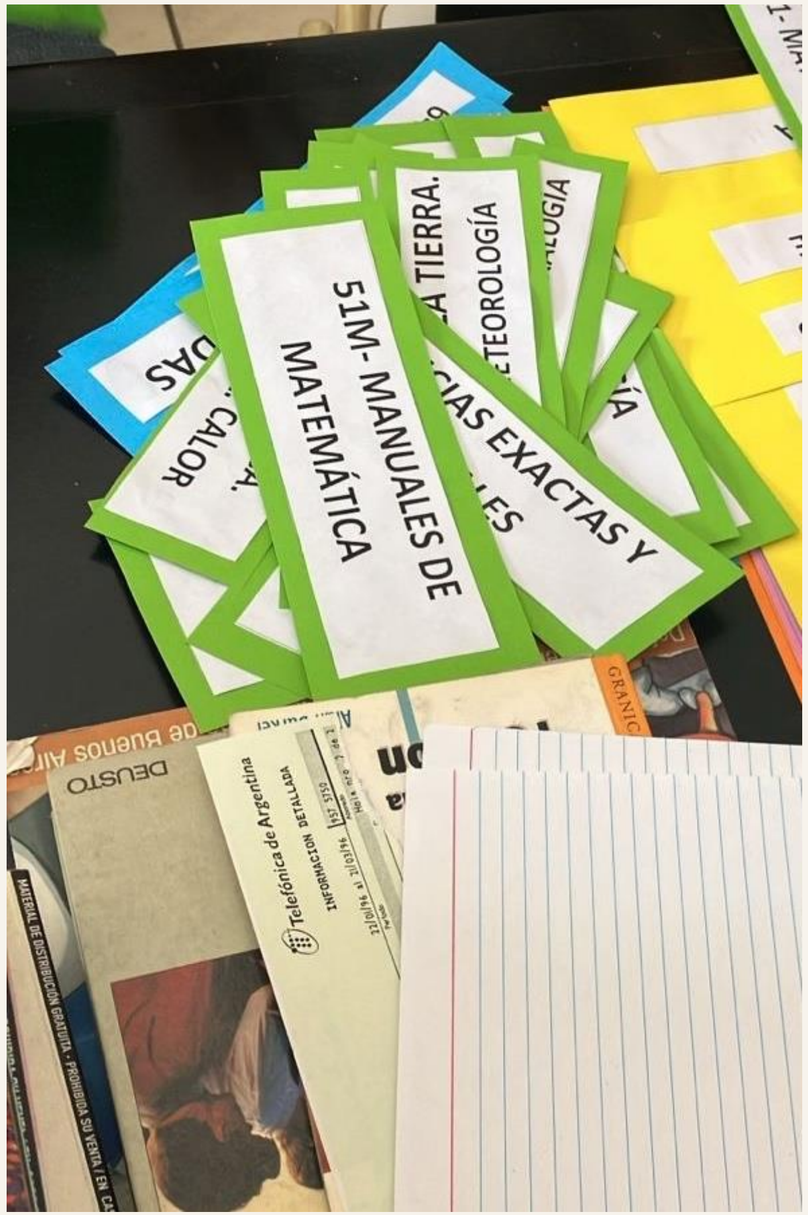
Organization and cleaning for an accessible and orderly library

Volunteers collaborating in stacking, cleaning, and sorting books

Weeding out damaged materials

Organization on shelves and in labeled boxes







Design of indicators based on the Universal Decimal Classification (UDC)





Labeling by subject

CLASSIFICATION AND DIGITAL MANAGEMENT SYSTEM

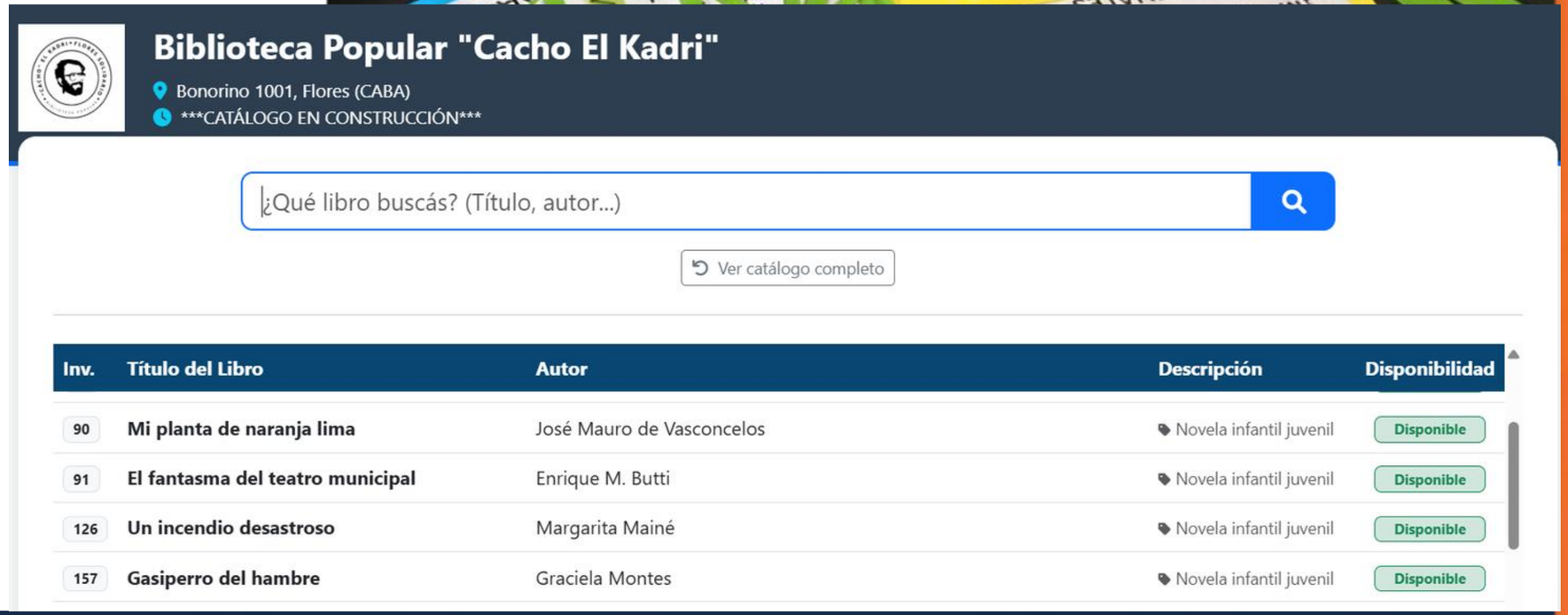


We organized the collection by key subjects

We created labels to classify and arrange the materials

We developed a digital catalog for lending and online search

We simplified searching and availability checking





Data entry into the catalog system



Biblioteca Cacho el Kadri

Modo Edición Activado | Cerrar Sesión

Buscar título, autor, inv. o descripción...

Buscar

Catálogo Principal

Exportar Datos | Nuevo Libro

MFN	Nro. Inv.	Título	Autor	Editorial	Año	Descripción	Observaciones	Estado	Acciones
00040	40	**El doble**	Fedor Dostoyevsky			Literatura General		●	Devolver
00041	41	**Crimen y castigo 1**	Fedor Dostoievski			Novela		●	Prestar
00368	42	**Amalia**	José Marmol			Novela		●	Prestar
00042	43	**Moby Dick 3**	Herman Melville			Novela		●	Prestar
00043	44	**El perro de terracota**	Andrea Camilleri			Novela		●	Prestar
00044	45	**Gabriela, clavo y canela**	Jorge Amado			Novela		●	Prestar

Searching the catalog and accessing item availability

What is the underlying purpose of our practice?

Understanding access to reading as a fundamental cultural right

Freire, P. (1970). Pedagogía del oprimido

Petit, M. (1999). Nuevos acercamientos a los jóvenes y la lectura

Carceglia, D., & Cejas, A. (2021). Alfabetización y educación popular: Una propuesta para leer el mundo, escribir cada historia y transformar la realidad

Guaranteeing access to books allows the community not only to read the word, but to 'read the world' in order to transform it.

The community library operates as a vital space for the reconstruction of subjectivity and a symbolic refuge where the right to metaphor and imagination is exercised in contexts of social vulnerability.

A true literacy environment ensures availability and real access to a diversity of texts and voices.

Community engagement does not consist of applying preconceived formulas through a top-down approach.

Is a reciprocal and horizontal dialogue of knowledges

Our knowledge combines with that of the community, generating a co-creation process in which no one imposes upon the other, and each actor retains their own voice.

Yanina Pastor Berroa





Project Stage	Main Actions	Achieved Objectives
Assessment and Recovery	Weeding, furniture restoration, and space reconditioning.	Removal of damaged material and setup of a safe physical space.
Physical-Thematic Classification	Application of adapted UDC, stamping, and placement of spine labels.	Organization on shelves by categories accessible to the users.
Technological Development	AI-assisted software co-creation (Python, Flask, SQLite).	Accessible catalog system without licensing costs or complex requirements.
Digital Enhancement	Launch of the public catalog and concurrent lending module.	Operational autonomy for volunteers and external search access for the community.

Thank You!

Daniela, María Cecilia and Melisa