

Entity-Relationship Design

1. Overview

We have three main domains:

1. **Profiles** – each with a unique username.
2. **Blocks** – reusable widgets (e.g. text-with-link).
3. **Profile - Block** – one-to-many linking (with ordering).

Entity	Attributes	Notes
User	id: VARCHAR email : VARCHAR username : VARCHAR password : VARCHAR	User information.
Profile	id: VARCHAR username: VARCHAR	Profile contains only username.
Content	id: INT profile_id : FK VARCHAR blocks: List<Block>	categories (e.g. “textWithLink”)
Block	id: INT	Reusable content pieces.
TextWithLinkBlock	Id: INT Text : VARCHAR link : VARCHAR	Block with simple text and link.

