

Task – Database & Score Entry

1. Define Constraints in Database

We need to enforce **data-level constraints** so that values follow strict validation rules at the database level (not only frontend).

- **Text-only fields**
 - Allow only alphabets and spaces (A–Z, a–z, space).
 - Example: `CHECK (column_name REGEXP '^[A-Za-z]+$')`
- **Free-text fields (allow everything)**
 - Should allow alphanumeric, special characters, symbols.
 - No constraint except max length (`VARCHAR`, `TEXT`).

2. Email Validation

- Email columns should follow the pattern `something@domain.com`.

3. Master Tables Creation

Datatype Master

Stores metadata about what kind of inputs are allowed.

Year Master

Stores year ranges for dropdowns and form usage.

4. Score Entry – Copy Parameter Option

In the score entry screen, we need to provide a **button** (e.g., "Copy Parameters").