

DOKUMENTASI KEGIATAN 2025/10/28/A3

Kegiatan aktualisasi: Membuat tabel database dan entitas materi pembelajaran (Course) dan Modul Materi (Module)

The image displays a development environment with a code editor and a database diagram tool.

Code Editor (Top): Shows a PHP migration file named `2025-10-29-021525_CreateModulesTable.php`. The code defines a `CreateModulesTable` class extending `Migration` with an `up()` method. The method uses `$this->forge->addField()` to create a table with the following fields:

- `id`: `INT`, `constraint` 11, `unsigned` true, `auto_increment` true.
- `course_id`: `INT`, `constraint` 11, `unsigned` true, `null` false.
- `name`: `VARCHAR`, `constraint` 255, `null` false.
- `disabled_at`: `DATETIME`, `null` true.
- `description`: `TEXT`.

The terminal at the bottom shows the command `php spark server` and the output: `CodeIgniter v4.6.3 Command Line Tool - Server Time: 2025-10-30 15:15:48 UTC+00:00`. It also shows the `CodeIgniter development server` started on `http://localhost:8080`.

Database Diagram (Bottom): Shows a diagram of the database schema. The `modules` table is the central entity, with fields: `id` (uint, PK), `course_id` (uint, NN), `name` (varchar, NN), `description` (text), `created_at` (datetime), `updated_at` (datetime), and `deleted_at` (datetime). It is connected to the `users` table (fields: `id` (uint, PK), `name` (varchar, NN)) and the `contents` table (fields: `id` (uint, PK), `module_id` (uint, NN), `type` (varchar(32), NN), `name` (varchar, NN), `content` (text), `description` (text), `created_at` (datetime), `updated_at` (datetime), `deleted_at` (datetime)).