

DOKUMENTASI KEGIATAN 2025/09/A2

Kegiatan Aktualisasi: membuat kode untuk menyimpan data pengguna di aplikasi LMS Peserta diklat non-ASN

```
login-peserta.tsx 3 001_create_users_table.php X
001_create_users_table.php > Migration_Create_users_table
1 <?php
2 defined('BASEPATH') OR exit('No direct script access allowed');
3
4 class Migration_Create_users_table extends CI_Migration {
5
6     public function up()
7     {
8         $this->dbforge->add_field([
9             'id' => [
10                'type' => 'INT',
11                'constraint' => 11,
12                'unsigned' => TRUE,
13                'auto_increment' => TRUE
14            ],
15            'username' => [
16                'type' => 'VARCHAR',
17                'constraint' => '100',
18                'unique' => TRUE
19            ],
20            'email' => [
21                'type' => 'VARCHAR',
22                'constraint' => '255',
23                'unique' => TRUE
24            ],
25            'password' => [
26                'type' => 'VARCHAR',
27                'constraint' => '255'
28            ],
29            'name' => [
30                'type' => 'VARCHAR',
31                'constraint' => '255'
32            ],
33            'created_at' => [
34                'type' => 'DATETIME',
35                'default' => NULL
36            ],
37        ]);
38    }
39
40    public function down()
41    {
42        $this->dbforge->drop_table('users', TRUE);
43    }
44 }
45
46 // Add sample user for testing
47 $sample_data = [
48     'username' => 'admin',
49     'email' => 'admin@example.com',
50     'password' => password_hash('password123', PASSWORD_DEFAULT),
51     'name' => 'Administrator',
52     'created_at' => date('Y-m-d H:i:s'),
53     'updated_at' => date('Y-m-d H:i:s')
54 ];
55
56 $this->db->insert('users', $sample_data);
57
58 public function down()
59 {
60     $this->dbforge->drop_table('users', TRUE);
61 }
62 }
63 }
```

```
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001_create_users_table.php > Migration_Create_users_table > up
4 class Migration_Create_users_table extends CI_Migration {
6     public function up()
38         'type' => 'DATETIME',
39         'default' => NULL
40     ];
41 };
42
43 $this->dbforge->add_key('id', TRUE);
44 $this->dbforge->create_table('users', TRUE);
45
46 // Add sample user for testing
47 $sample_data = [
48     'username' => 'admin',
49     'email' => 'admin@example.com',
50     'password' => password_hash('password123', PASSWORD_DEFAULT),
51     'name' => 'Administrator',
52     'created_at' => date('Y-m-d H:i:s'),
53     'updated_at' => date('Y-m-d H:i:s')
54 ];
55
56 $this->db->insert('users', $sample_data);
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58 public function down()
59 {
60     $this->dbforge->drop_table('users', TRUE);
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```