LAPORAN PRAKTIKUM PEMROGRAMAN WEB LANJUT

Implementasi Restful API



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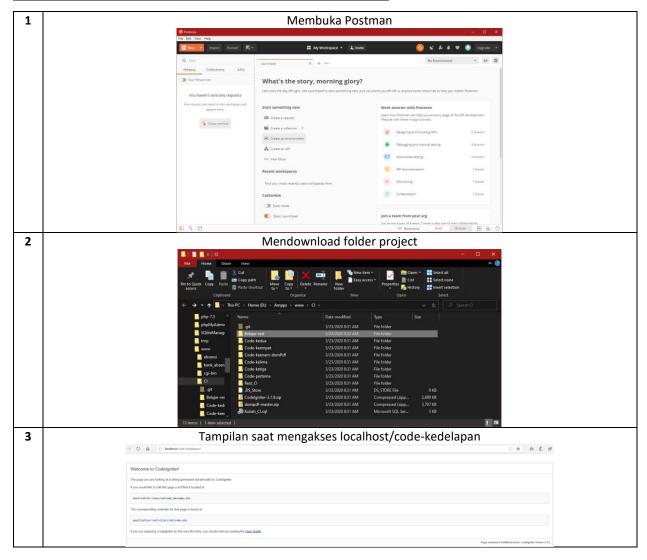
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2020

Praktikum - Bagian 1: Instalasi library restful codeigniter



```
Konfigurasi config.php
4
                                                                                                                      Autoload.php
                                                              $autoload['libraries'] = array('database');
                                                             $autoload['helper'] = array('url');
                                                                                                                      Database.php
                                                                                                      'dbprefix' \Rightarrow '',
5
                                                                                   Membuat database rest server dan datanya
                                                                      INICIIIDUAL UACADAGE (CA)

[CREATE TABLE 'mahasiwa' (
'Ad' int(11) MOT NULL,
'nrp' varchar(9) NOT NULL,
'mama' varchar(250) NOT NULL,
'email' varchar(250) NOT NULL,
'jurusan' varchar(64) MOT NULL
'jENGINE-InnoDB DEFAULT CHARSET-latin1;
                                                                       INSERT INTO 'mahasiswa' ('id', 'nrp', 'nama', 'email', 'jurusan') VALUES (1, '043040001', 'Doddy Ferdiansyah', 'doy@gmail.com', 'Teknik Mesin'), (2, '043040001', 'Erik', 'erik@gmail.com', 'Teknik Industri'), (3, '043040001', 'Rommy Fauzi', 'rommy@gmail.com', 'Teknik Planologi'), (4, '043040001', 'Fajar Darmawan', 'fajar@gmail.com', 'Teknik Informatika'), (5, '043040001', 'Ferry Mulyanto', 'ferry@gmail.com', 'Manajemen');
                                                                       ALTER TABLE 'mahasiswa'
ADD PRIMARY KEY ('id');
                                                                       ALTER TABLE 'mahasiswa'
MODIFY 'id' int(30) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=33;
6
                                                                          Me-replace hasil extract ke project folde application
7
                                                                                             Tampilan localhost/code-kedelapan
                            → O 🕝 O localhost/code-kedelapan,
                                                                                                                                                                                                                            □ ☆ ☆ ఓ 崆
                            REST Server Tests
                             See the article http://net.tutsplus.com/tutorials/php/working-with-restful-services-in-codeigniter-2/
                             The master project repository is https://github.com/chriskacerguis/codeigniter-restserver
                             Click on the links to check whether the REST server is working.
```

Praktikum - Bagian 2: Membuat Aplikasi CRUD Restful Codeigniter

```
Membuat Controller Mahasiswa.php
                                    function index_get() {
                                       $id = $this→get('id');
2
                                      Membuat model Mahasiswa_model.php
                             lass Mahasiswa_model extends CI_Model {
                                    return $this→db→get_where('mahasiswa', ['id' ⇒ $id])→result_array();
3
                                        Mengecheck API dengan method GET
                                             http://localhost/code-kedelapan/api/Mahasiswa
                       GET
```

