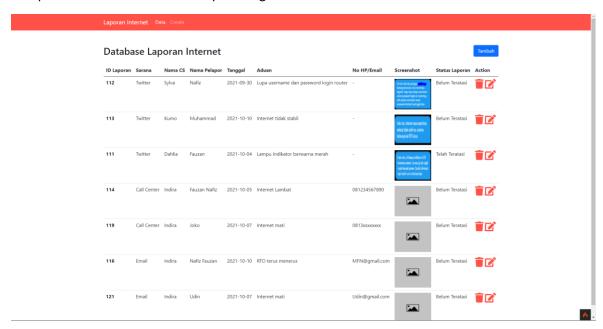Nama   : Muhammad Fauzan Nafiz
NIM   : 1911016310001
Mata Kuliah   : Pemrograman Web Lanjut

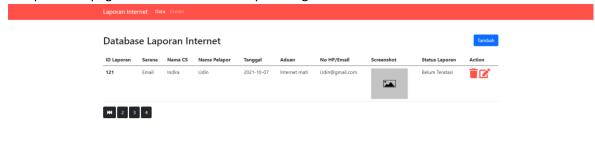Tugas Terapkan fitur Pagination Bootstrap pada tugas/UTS yang telah dikerjakan sebelumnya.

- Tampilan Website sebelum diterapkan Pagination

- Tampilan first page website setelah diterapkan Pagination

- Tampilan last page website setelah diterapkan Pagination

1. Controllers
   - Laporan.php

```php
<?php
namespace App\Controllers;
use App\Models\ModelLaporan;
class Laporan extends BaseController
{
  public function index() {
    $laporan = new ModelLaporan();
    $data['laporan'] = $laporan->getLaporan();
    // $data = [
    //   'Laporan' => $Laporan->paginate(2),
    //   'pager' => $laporan->pager
    // ];
    // $data['laporan'] = $laporan->paginate(2);
    $data['pager'] = $laporan->pager;
    return view('home', $data);
  }

  public function tambah() {
    return view('tambah_laporan');
  }

  public function ubah($id_laporan) {
    $laporan = new ModelLaporan();
    $data['laporan'] = $laporan->find($id_laporan);
    if (!$data['laporan']) return redirect()->to('/Laporan');
    return view('edit_laporan', $data);
  }

  public function edit($id_laporan) {
    $laporan = new ModelLaporan();
    $lap = $laporan->find($id_laporan);
    $ss = $this->request->getFile('screenshot');
    $fileSS = $ss->getName();
    $ss->move('uploads', $fileSS);
    if (!$lap) return redirect()->to('/Laporan');

    $laporan->update($id_laporan, [
      'id_sarana' => $this->request->getVar('id_sarana'),
      'id_cs' => $this->request->getVar('id_cs'),
      'nama' => $this->request->getVar('nama'),
      'tanggal' => $this->request->getVar('tanggal'),
      'detail' => $this->request->getVar('detail'),
```

```php
        'hp_email' => $this->request->getPost('hp_email'),
        'screenshot' => $fileSS,
        'id_status' => $this->request->getVar('id_status')
    ]);

    return redirect()->to('/Laporan');
  }

  public function create() {
    $laporan = new ModelLaporan();
    $ss = $this->request->getFile('screenshot');
    $fileSS = $ss->getName();
    $ss->move('uploads', $fileSS);
    $laporan->save([
        'id_sarana' => $this->request->getPost('id_sarana'),
        'id_cs' => $this->request->getPost('id_cs'),
        'nama' => $this->request->getPost('nama'),
        'tanggal' => $this->request->getPost('tanggal'),
        'detail' => $this->request->getPost('detail'),
        'hp_email' => $this->request->getPost('hp_email'),
        'screenshot' => $fileSS,
        'id_status' => $this->request->getPost('id_status')
    ]);

    return redirect()->to('/Laporan');
  }

  public function delete($id_laporan) {
    $laporan = new ModelLaporan();
    $laporan->delete($id_laporan);
    return redirect()->to('/Laporan');
  }
}
```

2. Models
   - ModelLaporan.php

```php
<?php
namespace App\Models;
use CodeIgniter\Model;
class ModelLaporan extends Model {
    protected $table      = 'laporan';
    protected $primaryKey = 'id_laporan';
    protected $allowedFields = ['id_sarana', 'id_cs','nama', 'tanggal', 'detail', 'hp_email',
'screenshot', 'id_status'];
```

```php
    public function getLaporan() {
        $laporan = $this
        // ->db
        ->table('laporan')
        ->join('sarana', 'laporan.id_sarana = sarana.id_sarana')
        ->join('cs', 'laporan.id_cs = cs.id_cs')
        ->join('status', 'laporan.id_status = status.id_status')
        ->paginate(2);
        // ->get()
        // ->getResultArray();

        return $laporan;
    }

    public function get_cs() {
        return $this->db->table('cs')->get()->getResultArray();
    }

    public function get_sarana() {
        return $this->db->table('sarana')->get()->getResultArray();
    }

    public function get_status() {
        return $this->db->table('status')->get()->getResultArray();
    }
}
```

3. Views
   - home.php

```php
<?= $this->extend('layout') ?>
<?= $this->section('content') ?>

<div class="container mt-5">
  <div class="d-flex justify-content-between">
    <h2>Database Laporan Internet</h2>
    <a href="<?= base_url('Laporan/tambah') ?>">
      <button class="btn btn-primary">Tambah</button>
    </a>
  </div>

  <table class="table mt-3">
    <thead>
      <tr>
```

```php
            <th scope="col">ID Laporan</th>
            <th scope="col">Sarana</th>
            <th scope="col">Nama CS</th>
            <th scope="col">Nama Pelapor</th>
            <th scope="col">Tanggal</th>
            <th scope="col">Aduan</th>
            <th scope="col">No HP/Email</th>
            <th scope="col">Screenshot</th>
            <th scope="col">Status Laporan</th>
            <th scope="col">Action</th>
          </tr>
        </thead>
        <tbody>
          <?php foreach ($laporan as $row) : ?>
            <tr>
              <th scope="row"><?= $row['id_laporan'] ?></th>
              <td><?= $row['nama_sarana'] ?></td>
              <td><?= $row['nama_cs'] ?></td>
              <!-- <td> $row['id_sarana'] ?></td>
              <td> $row['id_cs'] ?></td> -->
              <td><?= $row['nama'] ?></td>
              <td><?= $row['tanggal'] ?></td>
              <td><?= $row['detail'] ?></td>
              <td><?= $row['hp_email'] ?></td>
              <td><img src="<?= base_url('uploads/' . $row['screenshot'])?>" height="100px"
width="120px"></td>
              <td><?= $row['status_laporan'] ?></td>
              <td>
                <a href="<?= base_url('laporan/delete') . '/' . $row['id_laporan'] ?>">
                  <i class="fas fa-trash fa-2x" style="color:#ff5148"></i>
                </a>
                <a href="<?= base_url('laporan/ubah') . '/' . $row['id_laporan'] ?>">
                  <i class="fas fa-edit fa-2x" style="color:#ff5148"></i>
                </a>
              </td>
            </tr>
          <?php endforeach; ?>
        </tbody>
      </table>
    <?= $pager->links('default', 'bootstrap_pagination') ?>
</div>

<?= $this->endSection('content') ?>
```

- layout.php

```php
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <script src="https://kit.fontawesome.com/8ce5022591.js" crossorigin="anonymous"></script>
    <link href="//netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css" rel="stylesheet">
    <title>Database Laporan Internet</title>
  </head>

  <body>
    <!-- Navbar -->
    <nav class="navbar navbar-expand-lg navbar-dark navbar-inverse" style="background-color: #ff5148;">
      <div class="container">
        <a class="navbar-brand" >Laporan Internet</a>
          <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
            <ul class="navbar-nav">
              <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="<?=
base_url('/Laporan') ?>">Data</a>
              </li>
              <li class="nav-item">
                <a class="nav-link" aria-current="page" href="<?=
base_url('/Laporan/tambah') ?>">Create</a>
              </li>
            </ul>
          </div>
        </a>
      </div>
    </nav>

    <?= $this->renderSection('content') ?>

    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-Piv4xVNRyMGpqkS2by6br4gNJ7DXjqk09RmUpJ8jgGtD7zP9yug3goQfGII0yAns"
crossorigin="anonymous"></script>
  </body>
```

```
</html>
```

- layoutTambah.php

```php
<!doctype html>
<html lang="en">
    <head>
        <meta charset="utf-8">
        <meta name="viewport" content="width=device-width, initial-scale=1">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
        <script src="https://kit.fontawesome.com/8ce5022591.js" crossorigin="anonymous"></script>
        <link href="//netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css"
rel="stylesheet">
        <title>Database Laporan Internet</title>
    </head>

    <body>
        <!-- Navbar -->
        <nav class="navbar navbar-expand-lg navbar-dark navbar-inverse" style="background-color:
#ff5148;">
            <div class="container">
                <a class="navbar-brand" >Laporan Internet</a>
                <div class="collapse navbar-collapse" id="navbarNavAltMarkup">
                    <ul class="navbar-nav">
                    <li class="nav-item">
                        <a class="nav-link" aria-current="page" href="<?=
base_url('/Laporan') ?>">Data</a>
                    </li>
                    <li class="nav-item">
                        <!-- Perbedaan LayoutTambah dengan layout adalah pada class dibawah ini -->
                        <a class="nav-link active" aria-current="page" href="<?=
base_url('/Laporan/tambah') ?>">Create</a>
                    </li>
                    </ul>
                </div>
                </a>
            </div>
        </nav>

        <?= $this->renderSection('content') ?>

        <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js" integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj" crossorigin="anonymous"></script>
```

```
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.bundle.min.js"
integrity="sha384-Piv4xVNRyMGpqkS2by6br4gNJ7DXjqk09RmUpJ8jgGtD7zP9yug3goQfGII0yAns"
crossorigin="anonymous"></script>
    </body>
</html>
```

- tambah_laporan.php

```php
<?php
  use App\Models\ModelLaporan;
?>


<?= $this->extend('layoutTambah') ?>
<?= $this->section('content') ?>

<div class="container form-inline">
  <div class="d-flex justify-content-between"></div>
  <form method="POST" action="<?= base_url('laporan/create') ?>" enctype="multipart/form-data">
    <h1 class="text-center mt-2" style="margin-bottom: 2%; ">Tambah Laporan</h1>
    <div class="card mb-4">
      <div class="card-body">

        <div class="input-group mb-3">
          <label class="input-group-text" for="SaranaSelect">Sarana</label>
          <select name="id_sarana" id="id_sarana" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
              $laporan = new ModelLaporan();
              $getSarana = $laporan->get_sarana();

              foreach($getSarana as $row) {
            ?>
                <option value="<?php echo $row['id_sarana'] ?>"><?php echo
$row['nama_sarana'] ?></option>
              <?php } ?>
          </select>
        </div>

        <div class="input-group mb-3">
          <label class="input-group-text" for="CSSelect">Nama CS</label>
          <select name="id_cs" id="id_cs" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
              $laporan = new ModelLaporan();
              $getCS = $laporan->get_cs();
```

```php
            foreach($getCS as $row) {
        ?>
            <option value="<?php echo $row['id_cs'] ?>"><?php echo $row['nama_cs'] ?></option>
            <?php } ?>
        </select>
    </div>

    <div class="form-group mb-3">
        <input type="text" name="nama" id="nama" class="form-control" placeholder="Nama Pelapor"
required>
    </div>

    <div class="form-group mb-3">
        <input type="date" name="tanggal" id="tanggal" class="form-control" required>
    </div>

    <div class="form-group mb-3">
        <input type="text" name="detail" id="detail" class="form-control" placeholder="Detail"
required>
    </div>

    <div class="form-group mb-3">
        <input type="text" name="hp_email" id="hp_email" class="form-control" placeholder="No
HP/Email" required>
    </div>

    <div class="mb-3">
            <label for="formFile" class="form-label">Upload Screenshot</label>
            <input class="form-control" type="file" id="screenshot" name="screenshot"
accept=".png, .jpg, .jpeg">
    </div>

    <div class="input-group mb-3">
        <label class="input-group-text" for="Status Select">Status Laporan</label>
        <select name="id_status" id="id_status" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
                $laporan = new ModelLaporan();
                $getStatus = $laporan->get_status();

                foreach($getStatus as $row) {
            ?>
                <option value="<?php echo $row['id_status'] ?>"><?php echo
$row['status_laporan'] ?></option>
```

```
                <?php } ?>
            </select>
          </div>


      </div>
    </div>
    <button type="submit" class="btn btn-primary">Tambah</button>

  </form>


  <div class="">
    <a href="<?= base_url('Laporan/') ?>">
      <button class="btn btn-secondary" style
="position:absolute;top:661px;left:1550px;">Batal</button>
    </a>
  </div>


</div>

<?= $this->endSection('content') ?>
```

- edit_laporan.php

```php
<?php
  use App\Models\ModelLaporan;
?>

<?= $this->extend('layoutTambah') ?>
<?= $this->section('content') ?>

<div class="container">
  <div class="d-flex justify-content-between"></div>
  <form method="POST" action="<?= base_url('laporan/edit') . '/' . $laporan['id_laporan'] ?>"
enctype="multipart/form-data">
    <h1 class="text-center mt-2" style="margin-bottom: 2%; ">Edit Laporan</h1>
    <div class="card mb-4">
      <div class="card-body">

        <div class="input-group mb-3">
          <label class="input-group-text" for="SaranaSelect">Sarana</label>
          <select name="id_sarana" id="id_sarana" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
              $laporan = new ModelLaporan();
              $getSarana = $laporan->get_sarana();
```

```php
                foreach($getSarana as $row) {
            ?>
                    <option value="<?php echo $row['id_sarana'] ?>"><?php echo
$row['nama_sarana'] ?></option>
                <?php } ?>
          </select>
        </div>

        <div class="input-group mb-3">
          <label class="input-group-text" for="CSSelect">Nama CS</label>
          <select name="id_cs" id="id_cs" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
              $laporan = new ModelLaporan();
              $getCS = $laporan->get_cs();

              foreach($getCS as $row) {
            ?>
                    <option value="<?php echo $row['id_cs'] ?>"><?php echo $row['nama_cs'] ?></option>
                <?php } ?>
          </select>
        </div>

        <div class="form-group mb-3">
          <input type="text" name="nama" id="nama" class="form-control" placeholder="Nama Pelapor"
required>
        </div>

        <div class="form-group mb-3">
          <input type="date" name="tanggal" id="tanggal" class="form-control" required>
        </div>

        <div class="form-group mb-3">
          <input type="text" name="detail" id="detail" class="form-control" placeholder="Detail"
required>
        </div>

        <div class="form-group mb-3">
          <input type="text" name="hp_email" id="hp_email" class="form-control" placeholder="No
HP/Email" required>
        </div>

        <div class="mb-3">
            <label for="formFile" class="form-label">Upload Screenshot</label>
```

```html
            <input class="form-control" type="file" id="screenshot"
name="screenshot"  accept=".png, .jpg, .jpeg">
        </div>

        <div class="input-group mb-3">
          <label class="input-group-text" for="Status Select">Status Laporan</label>
          <select name="id_status" id="id_status" class="form-control" required>
            <option selected disabled value="">Pilih...</option>
            <?php
              $laporan = new ModelLaporan();
              $getStatus = $laporan->get_status();

              foreach($getStatus as $row) {
            ?>
                <option value="<?php echo $row['id_status'] ?>"><?php echo
$row['status_laporan'] ?></option>
              <?php } ?>
          </select>
        </div>

      </div>
    </div>
    <button type="submit" class="btn btn-warning">Edit</button>
  </form>
  <div class="">
    <a href="<?= base_url('Laporan/') ?>">
      <button class="btn btn-secondary" style
="position:absolute;top:661px;left:1550px;">Batal</button>
    </a>
  </div>
</div>

<?= $this->endSection('content') ?>
```

- bootstrap_pagination.php

```php
<?php

/**
 * @var \CodeIgniter\Pager\PagerRenderer $pager
 */

$pager->setSurroundCount(2);
?>
```

```
<!doctype html>
<html lang="en">
  <head>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-EVSTQN3/azprG1Anm3QDgpJLIm9Nao0Yz1ztcQTwFspd3yD65VohhpuuCOmLASjC"
crossorigin="anonymous">
    <script src="https://kit.fontawesome.com/8ce5022591.js" crossorigin="anonymous"></script>
    <link href="//netdna.bootstrapcdn.com/font-awesome/3.2.1/css/font-awesome.css" rel="stylesheet">
  </head>
</html>


<div class="btn-group btn-group-toggle" data-toggle="buttons">
    <nav aria-label="<?= lang('Pager.pageNavigation') ?>">
        <ul class="pagination">
            <?php if ($pager->hasPrevious()) : ?>
                <li>
                    <a class="btn btn-dark" href="<?= $pager->getFirst() ?>" aria-label="<?=
lang('Pager.first') ?>">
                        <i class="fas fa-fast-backward fa-1x"></i>
                    </a>
                </li> 
            <?php endif ?>

            <?php foreach ($pager->links() as $link) : ?>
                <li <?= $link['active'] ? 'class="active"' : '' ?>>
                    <a href="<?= $link['uri'] ?>" class="btn btn-dark">
                        <?= $link['title'] ?>
                    </a>
                </li> 
            <?php endforeach ?>

            <?php if ($pager->hasNext()) : ?>
                <li>
                    <a class="btn btn-dark" href="<?= $pager->getLast() ?>" aria-label="<?=
lang('Pager.last') ?>">
                        <i class="fas fa-fast-forward fa-1x"></i>

                    </a>
                </li> 
            <?php endif ?>
        </ul>
    </nav>
</div>
```