

LAMPIRAN

Lampiran 1 Dataset Permintaan 2015 - 2020

No.	Bulan	Golongan Darah			
		A	B	O	AB
1.	Januari	3834	6157	7460	1294
2.	Februari	3357	4200	5089	1108
3.	Maret	3298	4814	5524	1363
4.	April	3080	4547	5847	1087
5.	Mei	2894	4918	6198	1082
6.	Juni	3508	5095	5664	906
7.	Juli	3480	5478	6580	1352
8.	Agustus	2770	4894	6285	1209
9.	September	3210	4444	5767	1382
10.	Oktober	3399	4869	6027	969
11.	November	3824	5135	7266	1451
12.	Desember	3209	5754	6356	1728

Lampiran 2 Dataset Penerimaan 2015 - 2020

No.	Bulan	Golongan Darah			
		A	B	O	AB
1.	Januari	3383	4352	5738	946
2.	Februari	2789	3760	4750	1092
3.	Maret	3334	4256	5481	1128
4.	April	3180	4201	5514	1056
5.	Mei	3518	4658	5955	1110
6.	Juni	3117	4135	5270	1055
7.	Juli	3033	4106	5474	1058
8.	Agustus	3212	4561	5528	1073
9.	September	3211	4192	5484	1104
10.	Oktober	3138	4286	5535	1032
11.	November	2863	3981	5008	924
12.	Desember	3191	4347	5459	1044

Lampiran 3 *Source Code Home*

```

<div class="">
  <div class="row top_tiles">
    <div class="animated flipInY col-lg-3 col-md-3 col-sm-6 col-xs-12">
      <div class="tile-stats">
        <div class="icon"><i class="glyphicon glyphicon-tint"></i></div>
        <div class="count"><?= $goldar; ?></div>
        <h3>Golongan Darah</h3>
        <p>Data Golongan Darah</p>
      </div>
    </div>
    <div class="animated flipInY col-lg-3 col-md-3 col-sm-6 col-xs-12">
      <div class="tile-stats">
        <div class="icon"><i class="glyphicon glyphicon-tint"></i></div>
        <div class="count"><?= $produk; ?></div>
        <h3>Produk Darah</h3>
        <p>Data Produk Darah</p>
      </div>
    </div>
    <div class="animated flipInY col-lg-3 col-md-3 col-sm-6 col-xs-12">
      <div class="tile-stats">
        <div class="icon"><i class="fa fa-book"></i></div>
        <div class="count"><?= $jumlahPermintaan; ?></div>
        <h3>Jumlah Permintaan</h3>
        <p>Total Jumlah Permintaan</p>
      </div>
    </div>
    <div class="animated flipInY col-lg-3 col-md-3 col-sm-6 col-xs-12">
      <div class="tile-stats">
        <div class="icon"><i class="fa fa-sort-amount-desc"></i></div>
        <div class="count"><?= $jumlahPenerimaan; ?></div>
        <h3>Jumlah Penerimaan</h3>
        <p>Total Jumlah Penerimaan</p>
      </div>
    </div>
    <!-- <div class="animated flipInY col-lg-3 col-md-3 col-sm-6 col-xs-12">
      <div class="tile-stats">
        <div class="icon"><i class="fa fa-check-square-o"></i></div>
        <div class="count">179</div>
        <h3>New Sign ups</h3>
        <p>Lorem ipsum psdea itgum rixt.</p>
      </div>
    </div -->
  </div>

<div class="row">
  <div class="col-md-12">

```

```

<div class="x_panel">
  <div class="x_title">
    <h2>Jumlah Permintaan <small>per tahun</small></h2>

    <div class="clearfix"></div>
  </div>
  <div class="x_content">
    <?php foreach ($permintaan_A as $key => $value) {
      $thn[] = $value['tahun'];
      $jml[] = $value['goldar_A'];
      $jml1[] = $value['goldar_B'];
      $jml2[] = $value['goldar_O'];
      $jml3[] = $value['goldar_AB'];
    } ?>
    <canvas id="mybarChart" height="100"></canvas>
  </div>
</div>
</div>
</div>
<div class="row">
  <div class="col-md-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Jumlah Penerimaan <small>per tahun</small></h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">
        <?php foreach ($totalPenerimaan as $key => $value) {
          $thn2[] = $value['tahun'];
          $jml4[] = $value['goldar_A'];
          $jml5[] = $value['goldar_B'];
          $jml6[] = $value['goldar_O'];
          $jml7[] = $value['goldar_AB'];
        }
        ?>
        <canvas id="mybarChart2" height="100"></canvas>
      </div>
    </div>
  </div>
</div>
</div>
</div>

```

Lampiran 4 *Source Code* Admin

```

<div class="">
  <div class="page-title">
    <div class="title_left">
      <h3> <small> </small></h3>
    </div>
  </div>

```

```

</div>
<div class="clearfix"></div>
<div class="row">
  <div class="col-md-12">
    <div class="x_panel">
      <div class="x_title">
        <h2>Kelola Admin</h2>
        <div class="clearfix"></div>
      </div>
      <div class="x_content">
        <table id="datatable-responsive" class="table table-hover">
          <?php
            if (!empty(session()->getFlashdata('success'))) {
              ?>
              <div class="alert alert-success">
                <button type="button" class="close" data-dismiss="alert"
aria-label="Close">
                  <span aria-hidden="true">×</span>
                </button>
                <?= session()->getFlashdata('success'); ?>
              </div>
              <?php } ?>
              <?php
                $inputs = session()->getFlashdata('input');
                $errors = session()->getFlashdata('errors');
                if (!empty($errors)) {
                  ?>
                  <div class="alert alert-danger">
                    <button type="button" class="close" data-dismiss="alert"
aria-label="Close">
                      <span aria-hidden="true">×</span>
                    </button>
                    Ada Kesalahan Input Yaitu :
                    <ul>
                      <?php foreach ($errors as $error) { ?>
                        <li><?= esc($error); ?></li>
                      <?php } ?>
                    </ul>
                  </div>
                  <?php } ?>
                  <a href="<?= base_url('admin/tambah') ?>" class="btn btn-
success">+ Tambah Data</a>
                <thead>
                  <tr>
                    <th>No</th>
                    <th>Nama Admin</th>
                    <th>Username</th>
                    <th>Password</th>

```

```

        <th>Handle</th>
    </tr>
</thead>
<tbody>
    <?php $no = 1;
    foreach ($admin as $k) : ?>
        <tr>
            <td><?= $no++; ?></td>
            <td><?= $k['nama_admin']; ?></td>
            <td><?= $k['username']; ?></td>
            <td><?= $k['password']; ?></td>
            <td>
                <a href="<?= base_url('admin/edit/' . $k['id_admin'])
?>" class="btn btn-warning btn-flat" style="color: black;"><i class="fa fa-
pencil"></i> Edit</a>
                <a href="<?= base_url('admin/delete/' . $k['id_admin'])
?>" class="btn btn-danger btn-flat" onclick="return confirm('Apakah Ingin
Hapus Data?)"><i class="fa fa-trash"></i> Hapus</a>
            </td>
        </tr>
    <?php endforeach ?>
</tbody>
</table>

</div>
</div>
</div>
<div class="clearfix"></div>
</div>
</div>

```

Lampiran 5 Source Code Golongan Darah

```

<div class="">
    <div class="row">

        <div class="col-md-5">
            <div class="x_panel">
                <div class="x_title">
                    <h2>Golongan Darah </h2>
                    <div class="clearfix"></div>
                </div>
                <div class="x_content">
                    <table class="table table-hover">
                        <thead>
                            <tr>
                                <th>No</th>
                                <th>Golongan Darah</th>
                            </tr>

```

```

        </thead>
        <tbody>
            <?php $no = 1;
            foreach ($goldar as $g) : ?>
                <tr>
                    <td><?= $no++; ?></td>
                    <td><?= $g['goldar']; ?></td>
                </tr>
            <?php endforeach ?>
        </tbody>
    </table>

    </div>
</div>
</div>

<div class="clearfix"></div>

</div>
</div>

```

Lampiran 6 *Source Code* Jumlah Penerimaan

```

<div class="">
    <div class="row">
        <div class="col-md-12 col-sm-12 col-xs-12">
            <div class="x_panel">
                <div class="x_title">
                    <h2>Data Jumlah Penerimaan Darah</h2>
                    <div class="clearfix"></div>
                </div>
                <div class="x_content">
                    <table id="datatable" class="table table-hover">
                        <?php
                        if (!empty(session()->getFlashdata('success'))) {
                            ?>
                            <div class="alert alert-success">
                                <button type="button" class="close" data-dismiss="alert"
                                aria-label="Close">
                                    <span aria-hidden="true">×</span>
                                </button>
                                <?= session()->getFlashdata('success'); ?>
                            </div>
                        <?php } elseif (!empty(session()->getFlashdata('danger'))) {
                            ?>
                            <div class="alert alert-danger">
                                <button type="button" class="close" data-dismiss="alert"
                                aria-label="Close">
                                    <span aria-hidden="true">×</span>

```

```

        </button>
        <?= session()->getFlashdata('danger'); ?>
    </div>
    <?php } ?>
    <a href="<?= base_url('jumlahPenerimaan/tambah') ?>"
class="btn btn-success"> + Tambah Data</a>
    <thead>
    <tr>
    <th>No</th>
    <th>Golongan Darah</th>
    <th>Bulan</th>
    <th>Tahun</th>
    <th>Jumlah</th>
    <th>Handle</th>
    </tr>
    </thead>
    <tbody>
    <?php $no = 1;
    foreach ($jumlahPenerimaan as $k) { ?>
    <tr>
    <td><?= $no++; ?></td>
    <td><?= $k['goldar']; ?></td>
    <td><?= $k['bulan']; ?></td>
    <td><?= $k['tahun']; ?></td>
    <td><?= $k['jumlah']; ?></td>
    <td>
    <a href="<?= base_url('jumlahPenerimaan/edit/' .
    $k['id_penerimaan']) ?>" class="btn btn-warning btn-flat" style="color:
    black;"><i class="fa fa-pencil"></i> Edit</a>
    <a href="<?= base_url('jumlahPenerimaan/delete/' .
    $k['id_penerimaan']) ?>" class="btn btn-danger btn-flat" onclick="return
    confirm('Apakah Ingin Hapus Data?')"><i class="fa fa-trash"></i> Hapus</a>
    </td>
    </tr>
    <?php } ?>
    </tbody>
    </table>
    </div>
    </div>
    </div>
    <div class="clearfix"></div>
    </div>
</div>

```

Lampiran 7 Source Code Jumlah Permintaan

```
<div class="row">
```

```

<div class="col-md-12 col-sm-12 col-xs-12">
  <div class="x_panel">
    <div class="x_title">
      <h2>Data Jumlah Permintaan Darah</h2>
      <div class="clearfix"></div>
    </div>
    <div class="x_content">
      <table id="datatable-responsive" class="table table-hover dt-
responsive nowrap" cellspacing="0" width="100%">
        <?php
        if (!empty(session()->getFlashdata('success'))) {
          ?>
          <div class="alert alert-success">
            <button type="button" class="close" data-dismiss="alert"
aria-label="Close">
              <span aria-hidden="true">×</span>
            </button>
            <?= session()->getFlashdata('success'); ?>
          </div>
          <?php } elseif (!empty(session()->getFlashdata('danger'))) {
          ?>
          <div class="alert alert-danger">
            <button type="button" class="close" data-dismiss="alert"
aria-label="Close">
              <span aria-hidden="true">×</span>
            </button>
            <?= session()->getFlashdata('danger'); ?>
          </div>
          <?php } ?>
          <a href="<?= base_url('jumlahPermintaan/tambah') ?>" class="btn
btn-success">+ Tambah Data</a>
        <thead>
          <tr>
            <th>No</th>
            <th>Golongan Darah</th>
            <th>Produk Darah</th>
            <th>Bulan</th>
            <th>Tahun</th>
            <th>Jumlah</th>
            <th>Handle</th>
          </tr>
        </thead>
        <tbody>
          <?php $no = 1;
          foreach ($jumlahPermintaan as $k) { ?>
            <tr>
              <td><?= $no++; ?></td>
              <td><?= $k['goldar']; ?></td>

```



```

        <td><?= $k['produk_darah']; ?></td>
        <td><?= $k['bulan']; ?></td>
        <td><?= $k['tahun']; ?></td>
        <td><?= $k['jumlah']; ?></td>
        <td>
            <a href="<?= base_url('jumlahPermintaan/edit/' .
            $k['id_permintaan']) ?>" class="btn btn-warning btn-flat" style="color:
            black;"><i class="fa fa-pencil"></i> Edit</a>
            <a href="<?= base_url('jumlahPermintaan/delete/' .
            $k['id_permintaan']) ?>" class="btn btn-danger btn-flat" onclick="return
            confirm('Apakah Ingin Hapus Data?')"><i class="fa fa-trash"></i> Hapus</a>
        </td>
    </tr>
</tbody>
</table>
</div>
</div>
</div>
</div>

```

Lampiran 8 *Source Code* Produk Darah

```

<div class="row">
    <div class="col-md-10">
        <div class="x_panel">
            <div class="x_title">
                <h2>Produk Darah </h2>
                <div class="clearfix"></div>
            </div>
            <div class="x_content">
                <table class="table table-hover">
                    <?php
                    if (!empty(session()->getFlashdata('success'))) {
                    ?>
                        <div class="alert alert-success">
                            <button type="button" class="close" data-dismiss="alert"
                            aria-label="Close">
                                <span aria-hidden="true">×</span>
                            </button>
                            <?= session()->getFlashdata('success'); ?>
                        </div>
                    <?php } ?>
                    <?php
                    $inputs = session()->getFlashdata('input');
                    $errors = session()->getFlashdata('errors');
                    if (!empty($errors)) {
                    ?>
                        <div class="alert alert-danger">

```

```

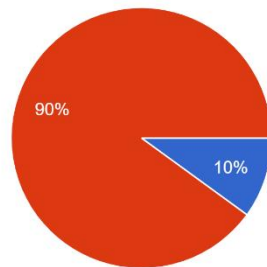
        <button type="button" class="close" data-dismiss="alert"
aria-label="Close">
            <span aria-hidden="true">×</span>
        </button>
        Ada Kesalahan Input Yaitu :
        <ul>
            <?php foreach ($errors as $error) { ?>
                <li><?= esc($error); ?></li>
            <?php } ?>
        </ul>
    </div>
    <?php } ?>
    <a href="<?= base_url('Produk/tambah') ?>" class="btn btn-
success">+ Tambah Data</a>
    <thead>
        <tr>
            <th>No</th>
            <th>Produk Darah</th>
            <th>Keterangan</th>
            <th>Handle</th>
        </tr>
    </thead>
    <tbody>
        <?php $no = 1;
        foreach ($produk as $p) : ?>
            <tr>
                <td><?= $no++; ?></td>
                <td><?= $p['produk_darah']; ?></td>
                <td><?= $p['keterangan']; ?></td>
                <td>
                    <a href="<?= base_url('Produk/edit/' . $p['id_produk'])
?>" class="btn btn-warning btn-flat" style="color: black;"><i class="fa fa-
pencil"></i> Edit</a>
                    <a href="<?= base_url('Produk/delete/' .
$p['id_produk']) ?>" class="btn btn-danger btn-flat" onclick="return
confirm('Apakah Ingin Hapus Data?')"><i class="fa fa-trash"></i> Hapus</a>
                </td>
            </tr>
        <?php endforeach ?>
    </tbody>
</table>
</div>
</div>
<div class="clearfix"></div>
</div>

```

Lampiran 9 Hasil Kuesioner Pengujian User

Menurut anda apakah tampilan website ini menarik?

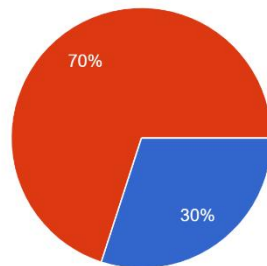
10 responses



- Sangat Setuju
- Setuju
- Cukup
- Tidak Setuju
- Sangat Tidak Setuju

Apakah fitur pada sistem mudah dipahami ?

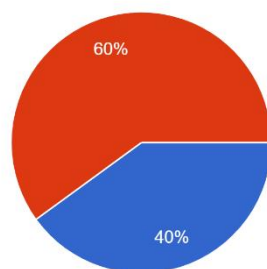
10 responses



- Sangat Setuju
- Setuju
- Cukup
- Tidak Setuju
- Sangat Tidak Setuju

Apakah menu pada sistem mudah dipahami ?

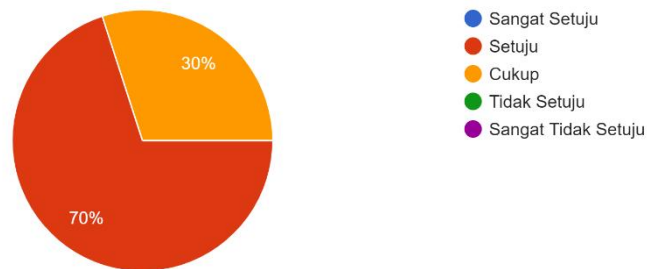
10 responses



- Sangat Setuju
- Setuju
- Cukup
- Tidak Setuju
- Sangat Tidak Setuju

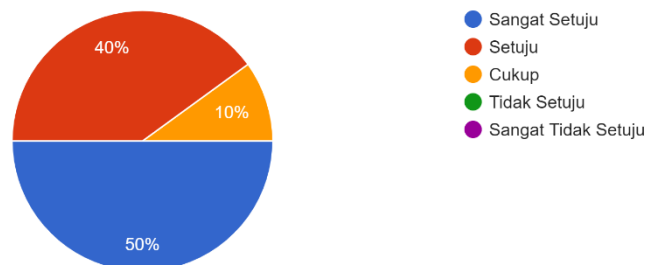
Apakah fitur yang terdapat pada sistem ini sudah lengkap?

10 responses



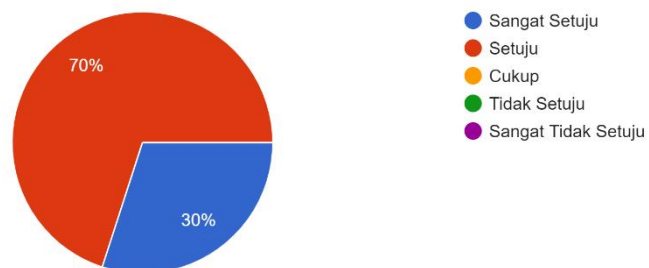
Apakah integrasi dari halaman ke halaman lain mudah dilakukan?

10 responses



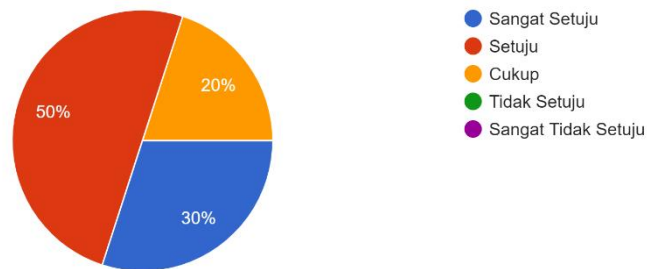
Apakah pengguna mudah dalam melakukan login pada sistem?

10 responses



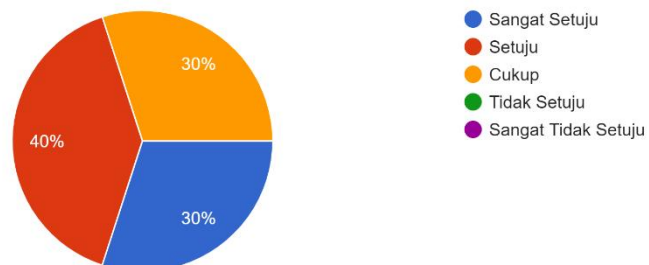
Apakah pengguna dapat melakukan pencarian data yang diinginkan pada sistem?

10 responses



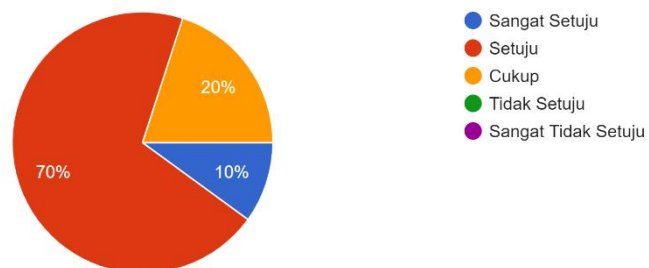
Apakah informasi yang diberikan pada website sudah jelas?

10 responses



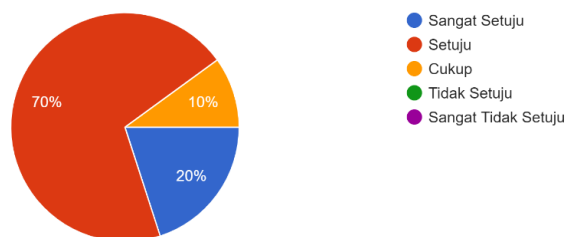
Apakah pengguna tidak menemukan error pada saat melakukan klik pada sistem?

10 responses



Apakah sistem ini dapat membantu dalam memprediksi jumlah permintaan dan penerimaan?

10 responses



Lampiran 10 Biodata Penulis

**DATA PRIBADI**

Nama :
Hafizh Dias Ramadhan

Tempat, Tanggal Lahir :
Malang, 13 Januari 1999

Alamat :
Perum. Bumi Mondoroko Raya Blok AC. 9,
Singosari, Kabupaten Malang.

Telepon :
+6285731696203

Email :
hafizhdiaz@gmail.com

PENDIDIKAN

2005 – 2011
SD Negeri Blimbing 3 Malang

2011 – 2014
SMP Negeri 18 Kota Malang

2014 – 2017
SMA Negeri 9 Malang – Jurusan IPA

2017 – 2021
Politeknik Negeri Malang – D-IV Teknik Informatika

