

## **LAMPIRAN**

## A. Dokumen Sistem Berjalan

D:\Kuliah\Nusa Mandiri\semester-8\skripsi\payroll-app\documents\attlog-2.dat - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

attlog-2.dat						
1	20081204	Dadang	2021-04-28	08:30:04	0	0
2	20081204	Dadang	2021-04-29	08:10:44	0	0
3	20081204	Dadang	2021-04-30	08:48:21	0	0
4	20081204	Dadang	2021-06-07	08:10:10	0	0
5	20081204	Dadang	2021-06-08	08:31:25	0	0
6	20081204	Dadang	2021-06-09	08:41:07	0	0
7	20081204	Dadang	2021-06-10	08:22:13	0	0
8	20081204	Dadang	2021-06-11	08:25:21	0	0
9	20081204	Dadang	2021-06-14	08:13:01	0	0
10	20081204	Dadang	2021-06-15	08:25:06	0	0
11	20081204	Dadang	2021-06-16	07:48:20	0	0
12	20081204	Dadang	2021-06-17	08:28:46	0	0
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14	20081204	Dadang	2021-06-21	08:07:34	0	0
15	20081204	Dadang	2021-06-22	08:10:51	0	0
16	20081204	Dadang	2021-06-23	08:04:08	0	0
17	20081204	Dadang	2021-06-24	07:57:38	0	0
18	20081204	Dadang	2021-06-25	08:30:00	0	0
19	20081204	Dadang	2021-06-28	08:35:12	0	0
20	20120716	Anggi	2021-05-25	08:18:09	0	0
21	20120716	Anggi	2021-06-11	08:01:11	0	0
22	20120716	Anggi	2021-06-14	08:06:21	0	0
23	20120716	Anggi	2021-06-15	08:34:18	0	0
24	20120716	Anggi	2021-06-16	08:14:42	0	0
25	20130625	Indra	2021-04-29	07:40:25	0	0
26	20130625	Indra	2021-04-30	07:35:31	0	0
27	20130625	Indra	2021-05-25	07:38:02	0	0
28	20130625	Indra	2021-05-27	07:44:03	0	0
29	20130625	Indra	2021-05-28	07:33:20	0	0
30	20130625	Indra	2021-06-03	07:30:51	0	0
31	20130625	Indra	2021-06-04	07:56:02	0	0
32	20130625	Indra	2021-06-07	07:54:48	0	0
33	20130625	Indra	2021-06-08	07:44:15	0	0
34	20130625	Indra	2021-06-09	08:02:37	0	0
35	20130625	Indra	2021-06-11	07:49:19	0	0
36	20130625	Indra	2021-06-16	07:22:00	0	0

Lampiran A 1 File presensi sistem berjalan



**SALARY SLIP**  
**PT. ARTIVISI INTERMEDIA**  
 Jl. Pangkalan Jati II No 19 Jakarta Timur

Nama : Iqbal		Periode : Juli 2021	
Jabatan :		Hari Kerja :	
<b>Pendapatan</b>		<b>Potongan</b>	
Gaji Pokok	Rp 4.180.000	Potongan Telat	Rp 0
Tunjangan		Tunjangan Hari Tua	Rp
Uang Makan	Rp 660.000	Lain-Lain	Rp 0
Uang Transport	Rp 660.000	Uang Kuliah	Rp 298.333
Jabatan	Rp 0	Cicilan Motor	Rp 0
Kerajinan	Rp 0		
Total Pendapatan	Rp 5.500.000	Total Potongan	Rp 298.333
<b>Pendapatan Bersih</b>	<b>Rp 5.201.667</b>		
Sisa Pinjaman	Rp 0		

Mengetahui

Jakarta, 28 Juli 2021

Penerima

**Endy Muhardin**  
 Direktur Utama

Iqbal

Lampiran A 2 Slip gaji sistem berjalan

## B. Dokumen Sistem Usulan

Karyawan						Home / Master / Karyawan
Tambah Karyawan						
Cari ...						Q Search
Full Name	Finger Print ID	Email	Phone	Address	Total Gaji	Action
Iqbals	201607027	11172804@nusamandiri.ac.id	08123123121	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Aji	20160928	aji@yopmail.com	08123123122	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Galang	4444	galang@yopmail.com	08123123123	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Agung	8996547	agung@yopmail.com	08123123124	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Dian	5555	dian@yopmail.com	08123123125	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Ivans	201607032	ivans@yopmail.com	08123123126	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Anggi	20120716	anggi@yopmail.com	08123123127	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Dadanks	20081204	dadanks@yomail.com	08123123128	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>
Wahyu	20160929	wahyu@yomail.com	08123123129	Jl. Taman Malaka	Rp. 5,000,000	<a href="#">✎</a>

### Lampiran B 1 Data Karyawan

Salary Slip
PT. Artivisi Intermedia
Jl. Taman Malaka Selatan 2D Blok B9 No. 6

Nama : Dian		Periode : JUNE-2021	
Pendapatan		Potongan	
Gaji Pokok	Rp. 4,000,000	Potongan Telat	Rp. 38,500
Tunjangan		Potongan Absent	Rp. 500,000
Uang Makan	Rp. 500,000		
Uang Transport	Rp. 500,000		
Total Pendapatan	Rp. 5,000,000	Total Potongan	Rp. 538,500
Pendapatan Bersih	Rp. 4,461,500		
Jakarta, Jul 30, 2021 3:36:47 PM			
Mengetahui,		Penerima,	
<div>Endy Muhardin</div> <div>Direktur Utama</div>		<div>Dian</div>	

### Lampiran B 2 Data Slip Gaji

Detail Slip Gaji - Dian - JUNE-2021



Tanggal	Deskripsi	Denda
2021-05-28	Tepat Waktu	0
2021-06-02	Tepat Waktu	0
2021-06-03	Telat 17 menit	8500
2021-06-04	Tepat Waktu	0
2021-06-07	Tepat Waktu	0
2021-06-08	Tepat Waktu	0
2021-06-09	Tepat Waktu	0
2021-06-10	Tepat Waktu	0
2021-06-11	Tepat Waktu	0
2021-06-14	Telat 15 menit	7500
2021-06-15	Tepat Waktu	0
2021-06-16	Tepat Waktu	0
2021-06-17	Telat 15 menit	7500
2021-06-18	Telat 4 menit	2000
2021-06-21	Telat 14 menit	7000
2021-06-22	Tidak masuk kerja	250000.00
2021-06-23	Tidak masuk kerja	250000.00
2021-06-24	Telat 12 menit	6000
2021-06-25	Tepat Waktu	0

Close

## Lampiran B 3 Slip Gaji Detail

## C. Bukti Hasil Pengecekan Plagiarisme

Page 1

### PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [881](#)

Characters: [7058](#)

Excluded URL :

<b>16%</b> Plagiarism
<b>84%</b> Unique
<b>7</b> Plagiarized Sentences
<b>37</b> Unique Sentences

Lampiran C 1 Pengecekan plagiarism BAB 1

## PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [1228](#)

Characters: [9544](#)

Excluded URL :

<b>20%</b> Plagiarism
<b>80%</b> Unique
<b>13</b> Plagiarized Sentences
<b>52</b> Unique Sentences

Lampiran C 2 Pengecekan plagiarism BAB 2 part 1

**PLAGIARISM SCAN REPORT**Report Generation Date: [July 19, 2021](#)Words: [1038](#)Characters: [8201](#)

Excluded URL :

<b>18%</b> Plagiarism
<b>82%</b> Unique
<b>9</b> Plagiarized Sentences
<b>42</b> Unique Sentences

Lampiran C 3 Pengecekan plagiarism BAB 2 part 2



## PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [762](#)

Characters: [5652](#)

Excluded URL :

<b>19%</b> Plagiarism
<b>81%</b> Unique
<b>7</b> Plagiarized Sentences
<b>29</b> Unique Sentences

Lampiran C 4 Pengecekan plagiarism BAB 2 part 3

## PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [421](#)

Characters: [3122](#)

Excluded URL :

<b>5%</b> Plagiarism
<b>95%</b> Unique
<b>1</b> Plagiarized Sentences
<b>20</b> Unique Sentences

Lampiran C 5 Pengecekan plagiarism BAB 2 part 4

## PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [818](#)

Characters: [6418](#)

Excluded URL :

<b>17%</b> <b>Plagiarism</b>
<b>83%</b> <b>Unique</b>
<b>6</b> <b>Plagiarized Sentences</b>
<b>29</b> <b>Unique Sentences</b>

Lampiran C 6 Pengecekan plagiarism BAB 3

## PLAGIARISM SCAN REPORT

Report Generation Date: [July 19, 2021](#)

Words: [994](#)

Characters: [7246](#)

Excluded URL :

<b>8%</b> Plagiarism
<b>92%</b> Unique
<b>4</b> Plagiarized Sentences
<b>48</b> Unique Sentences

Lampiran C 7 Pengecekan plagiarism BAB 4 part 1

**PLAGIARISM SCAN REPORT**Report Generation Date: [July 19, 2021](#)Words: [994](#)Characters: [7396](#)

Excluded URL :

<b>0%</b> Plagiarism
<b>100%</b> Unique
<b>0</b> Plagiarized Sentences
<b>1</b> Unique Sentences

Lampiran C 8 Pengecekan plagiarism BAB 4 part 2

**PLAGIARISM SCAN REPORT**Report Generation Date: [July 19, 2021](#)Words: [1482](#)Characters: [10205](#)

Excluded URL :

<b>9%</b> Plagiarism
<b>91%</b> Unique
<b>6</b> Plagiarized Sentences
<b>60</b> Unique Sentences

Lampiran C 9 Pengecekan plagiarism BAB 4 part 3

**PLAGIARISM SCAN REPORT**Report Generation Date: [July 19, 2021](#)Words: [168](#)Characters: [1268](#)

Excluded URL :

<b>12%</b> Plagiarism
<b>88%</b> Unique
<b>1</b> Plagiarized Sentences
<b>7</b> Unique Sentences

Lampiran C 10 Pengecekan plagiarism BAB 5

## D. Code Generation

```
1 package com.artivisi.payroll.controller;
2
3 import org.springframework.stereotype.Controller;
4 import org.springframework.web.bind.annotation.GetMapping;
5 import org.springframework.web.bind.annotation.RequestMapping;
6
7 @Controller
8 @RequestMapping("/login")
9 public class LoginController {
10
11     @GetMapping
12     public String showLogin(){return "login";}
13
14 }
```

Lampiran D 1 Controller halaman login

```
1 package com.artivisi.payroll.controller.web;
2
3 import org.springframework.stereotype.Controller;
4 import org.springframework.web.bind.annotation.GetMapping;
5 import org.springframework.web.bind.annotation.RequestMapping;
6
7 @Controller
8 @RequestMapping("/")
9 public class HomeController {
10
11     @GetMapping
12     public String showHome(){return "home";}
13
14 }
```

Lampiran D 2 Controller halaman home



```

1  package com.artivisi.payroll.controller.web;
2
3  import com.artivisi.payroll.entity.Karyawan;
4  import com.artivisi.payroll.service.KaryawanService;
5  import lombok.extern.slf4j.Slf4j;
6  import org.springframework.beans.factory.annotation.Autowired;
7  import org.springframework.data.domain.Pageable;
8  import org.springframework.data.web.PageableDefault;
9  import org.springframework.stereotype.Controller;
10 import org.springframework.ui.ModelMap;
11 import org.springframework.util.StringUtils;
12 import org.springframework.validation.BindingResult;
13 import org.springframework.web.bind.annotation.GetMapping;
14 import org.springframework.web.bind.annotation.PostMapping;
15 import org.springframework.web.bind.annotation.RequestMapping;
16 import org.springframework.web.bind.annotation.RequestParam;
17 import org.springframework.web.servlet.mvc.support.RedirectAttributes;
18
19 import javax.validation.Valid;
20
21 @Slf4j
22 @Controller
23 @RequestMapping("/master/karyawan")
24 public class KaryawanController {
25
26     @Autowired private KaryawanService karyawanService;
27
28     @GetMapping
29     public String showList(@RequestParam(required = false) String name, ModelMap modelMap, @PageableDefault Pageable pageable){
30         modelMap.addAttribute("name", name);
31         modelMap.addAttribute("datas", karyawanService.getPageKaryawan(name, pageable));
32         return "master/karyawan/list";
33     }
34
35     @GetMapping("/form")
36     public String showForm(@RequestParam(required = false) String id, ModelMap modelMap){
37         modelMap.addAttribute("karyawan", StringUtils.hasText(id) ? karyawanService.getKaryawan(id).get() : new Karyawan());
38         return "master/karyawan/form";
39     }
40
41     @PostMapping("/form")
42     public String processForm(@Valid Karyawan karyawan, BindingResult bindingResult, ModelMap modelMap, RedirectAttributes redirectAttributes){
43
44         if(bindingResult.hasErrors()){
45             log.error("KARYAWAN - BINDING RESULT ERROR : {}", bindingResult.getAllErrors());
46             modelMap.addAttribute("karyawan", karyawan);
47             return "master/karyawan/form";
48         }
49
50         try {
51             karyawanService.saveKaryawan(karyawan);
52             redirectAttributes.addFlashAttribute("successMessage", "Data is saved");
53             return "redirect://master/karyawan";
54         } catch (Exception e){
55             modelMap.addAttribute("errorMessage", e.getMessage());
56             modelMap.addAttribute("karyawan", karyawan);
57             return "master/karyawan/form";
58         }
59     }
60 }
61 }

```

## Lampiran D 3 Controller halaman karyawan

```

1  package com.artivisi.payroll.controller.web;
2
3  import com.artivisi.payroll.entity.HariLibur;
4  import com.artivisi.payroll.service.HariLiburService;
5  import org.springframework.beans.factory.annotation.Autowired;
6  import org.springframework.stereotype.Controller;
7  import org.springframework.web.bind.annotation.GetMapping;
8  import org.springframework.web.bind.annotation.PostMapping;
9  import org.springframework.web.bind.annotation.RequestMapping;
10 import org.springframework.web.bind.annotation.RequestParam;
11 import org.springframework.web.servlet.mvc.support.RedirectAttributes;
12
13 @Controller
14 @RequestMapping("/hari_libur")
15 public class HariLiburController {
16
17     @Autowired private HariLiburService hariLiburService;
18
19     @GetMapping
20     public String showList(){return "hari_libur/list";}
21
22     @PostMapping("/form")
23     public String processHariLibur(HariLibur hariLibur, RedirectAttributes redirectAttributes){
24         try {
25             hariLiburService.save(hariLibur);
26             redirectAttributes.addFlashAttribute("successMessage","Data is saved");
27         }catch (Exception e){
28             redirectAttributes.addFlashAttribute("errorMessage",e.getMessage());
29         }
30         return "redirect:/hari_libur";
31     }
32
33     @GetMapping("/delete")
34     public String deletehariLibur(@RequestParam String id, RedirectAttributes redirectAttributes){
35         try {
36             hariLiburService.delete(id);
37             redirectAttributes.addFlashAttribute("successMessage","Data is deleted");
38         }catch (Exception e){
39             redirectAttributes.addFlashAttribute("errorMessage",e.getMessage());
40         }
41         return "redirect:/hari_libur";
42     }
43 }

```

Lampiran D 4 Controller halaman hari libur

```

1  package com.artivisi.payroll.controller.web;
2
3  import com.artivisi.payroll.entity.CutiKaryawan;
4  import com.artivisi.payroll.service.CutiService;
5  import com.artivisi.payroll.service.KaryawanService;
6  import org.springframework.beans.factory.annotation.Autowired;
7  import org.springframework.stereotype.Controller;
8  import org.springframework.ui.ModelMap;
9  import org.springframework.web.bind.annotation.GetMapping;
10 import org.springframework.web.bind.annotation.PostMapping;
11 import org.springframework.web.bind.annotation.RequestMapping;
12 import org.springframework.web.bind.annotation.RequestParam;
13 import org.springframework.web.servlet.mvc.support.RedirectAttributes;
14
15 @Controller
16 @RequestMapping("/cuti_karyawan")
17 public class CutiKaryawanController {
18
19     @Autowired private CutiService cutiKaryawanService;
20     @Autowired private KaryawanService karyawanService;
21
22     @GetMapping
23     public String showList(ModelMap modelMap){
24         modelMap.addAttribute("karyawans", karyawanService.getKaryawan());
25         return "cuti_karyawan/list";
26     }
27
28     @PostMapping("/form")
29     public String processCutiKaryawan(CutiKaryawan cutiKaryawan, RedirectAttributes redirectAttributes){
30         try {
31             cutiKaryawanService.save(cutiKaryawan);
32             redirectAttributes.addFlashAttribute("successMessage", "Data is saved");
33         } catch (Exception e){
34             redirectAttributes.addFlashAttribute("errorMessage", e.getMessage());
35         }
36         return "redirect:/cuti_karyawan";
37     }
38
39     @GetMapping("/delete")
40     public String deleteCutiKaryawan(@RequestParam String id, RedirectAttributes redirectAttributes){
41         try {
42             cutiKaryawanService.delete(id);
43             redirectAttributes.addFlashAttribute("successMessage", "Data is deleted");
44         } catch (Exception e){
45             redirectAttributes.addFlashAttribute("errorMessage", e.getMessage());
46         }
47         return "redirect:/cuti_karyawan";
48     }
49 }

```

### Lampiran D 5 Controller halaman cuti karyawan

```

1  package com.artivisi.payroll.controller.web;
2
3  import com.artivisi.payroll.entity.HariLibur;
4  import com.artivisi.payroll.entity.Presensi;
5  import com.artivisi.payroll.service.KaryawanService;
6  import com.artivisi.payroll.service.PresensiService;
7  import org.springframework.beans.factory.annotation.Autowired;
8  import org.springframework.stereotype.Controller;
9  import org.springframework.ui.ModelMap;
10 import org.springframework.web.bind.annotation.GetMapping;
11 import org.springframework.web.bind.annotation.PostMapping;
12 import org.springframework.web.bind.annotation.RequestMapping;
13 import org.springframework.web.multipart.MultipartFile;
14 import org.springframework.web.servlet.mvc.support.RedirectAttributes;
15
16 @Controller
17 @RequestMapping("/presensi_karyawan")
18 public class PresensiKaryawanController {
19
20     @Autowired private KaryawanService karyawanService;
21     @Autowired private PresensiService presensiService;
22
23     @GetMapping
24     public String showCalendar(ModelMap modelMap){
25         modelMap.addAttribute("karyawans", karyawanService.getKaryawan());
26         return "presensi_karyawan/list";
27     }
28
29     @PostMapping("/form")
30     public String processHariLibur(Presensi presensi, RedirectAttributes redirectAttributes){
31         try {
32             presensiService.save(presensi);
33             redirectAttributes.addFlashAttribute("successMessage","Data is saved");
34         }catch (Exception e){
35             redirectAttributes.addFlashAttribute("errorMessage",e.getMessage());
36         }
37         return "redirect:/presensi_karyawan";
38     }
39
40     @PostMapping("/upload")
41     public String processUpload(MultipartFile file, RedirectAttributes redirectAttributes){
42         try {
43             presensiService.processUpload(file);
44             redirectAttributes.addFlashAttribute("successMessage","Data is uploaded and saved");
45         }catch (Exception e){
46             redirectAttributes.addFlashAttribute("errorMessage",e.getMessage());
47         }
48         return "redirect:/presensi_karyawan";
49     }
50 }

```

Lampiran D 6 Controller halaman presensi karyawan

```

1  package com.artivisi.payroll.controller.web;
2
3  import com.artivisi.payroll.dto.SlipGajiSearchDto;
4  import com.artivisi.payroll.service.SlipGajiService;
5  import org.springframework.beans.factory.annotation.Autowired;
6  import org.springframework.stereotype.Controller;
7  import org.springframework.ui.ModelMap;
8  import org.springframework.web.bind.annotation.GetMapping;
9  import org.springframework.web.bind.annotation.RequestMapping;
10 import org.springframework.web.bind.annotation.RequestParam;
11 import org.springframework.web.servlet.mvc.support.RedirectAttributes;
12
13 import java.time.LocalDate;
14 import java.time.Month;
15
16 @Controller
17 @RequestMapping("/slip_gaji")
18 public class SlipGajiController {
19
20     @Autowired private SlipGajiService slipGajiService;
21
22     @GetMapping
23     public String showForm(SlipGajiSearchDto params,
24                           ModelMap modelMap){
25         if(params.getMonth() != null && params.getYear() != null){
26             modelMap.addAttribute("datas", slipGajiService.getSlipGaji(params.getMonth(), params.getYear()));
27         }else{
28             params.setMonth(LocalDate.now().getMonthValue());
29             params.setYear(LocalDate.now().getYear());
30         }
31         modelMap.addAttribute("params", params);
32         return "slip_gaji/list";
33     }
34
35     @GetMapping("/generate")
36     public String generateSlipGaji(SlipGajiSearchDto params,
37                                   RedirectAttributes redirectAttributes){
38
39         try {
40             slipGajiService.generateSlipGajis(params.getMonth(), params.getYear());
41             redirectAttributes.addFlashAttribute("successMessage", "Slip Gaji " + Month.of(params.getMonth()).name() + " " + params.getYear() + " berhasil digenerate");
42         }catch (Exception e){
43             e.printStackTrace();
44             redirectAttributes.addFlashAttribute("errorMessage", e.getMessage());
45         }
46
47         redirectAttributes.addAttribute("month", params.getMonth());
48         redirectAttributes.addAttribute("year", params.getYear());
49         return "redirect:/slip_gaji";
50     }
51
52     @GetMapping("/pdf")
53     public String exportPdf(@RequestParam String id, ModelMap modelMap){
54         modelMap.addAttribute("slipGaji", slipGajiService.getSlipGaji(id));
55         return "slip_gaji/slip_gaji_pdf";
56     }
57 }

```

## Lampiran D 7 Controller halaman slip gaji