

R1. Halaman Sampul:

USULAN PENELITIAN

SEMI MANDIRI 2



Oleh:

Firdaus, MBA

ari2

PUSAT PENELITIAN DAN PENGABDIAN KEPADA MASYARAKAT

POLITEKNIK STATISTIKA STIS

JAKARTA 2022

R2. Halaman Pengesahan:

HALAMAN PENGESAHAN

PROPOSAL PENELITIAN DOSEN

1. Judul Penelitian : Semi Mandiri 2
2. Bidang : SDG's
3. Ketua Tim Peneliti
 - a. Nama Lengkap : Firdaus, MBA
 - b. Jabatan Fungsional : Lektor
 - c. Program Studi : D-IV Komputasi Statistik
 - d. Nomor HP : 085778382820
 - e. Email : firdaus@stis.ac.id
4. Jumlah Anggota : 2 orang
 - a. Nama Anggota : ari2
 - Program Studi : D-IV ST

Mengetahui

Kepala PPPM



Dr. Eng. Arie Wahyu Wijayanto, M.T.

NIDN :

Jakarta, 21 November 2022

Ketua Peneliti



Firdaus edited, MBA

NIDN : 987630254102126350

Menyetujui

Direktur Politeknik Statistika STIS



Dr. Erni Tri Astuti, M.Math.

NIDN :

R3. Surat Pernyataan:

SURAT PERNYATAAN

Yang bertanda tangan di bawah ini

Nama : Firdaus edited, MBA

NIDN : 987630254102126350

Jabatan Fungsional : Lektor

Dengan ini menyatakan bahwa proposal penelitian saya yang berjudul: Semi Mandiri 2 yang diusulkan dengan skema penelitian dosen tahun 2022 bersifat original dan belum pernah mendapatkan biaya/dibiayai oleh lembaga atau sumber biaya lainnya. Jika dikemudian hari ditemukan ketidaksesuaian dengan pernyataan ini, saya bersedia dituntut dan diproses sesuai dengan ketentuan yang berlaku dan mengembalikan seluruh biaya yang sudah saya terima.

Jakarta, 21 November 2022

Ketua Peneliti



Firdaus edited, MBA

NIDN : 987630254102126350

R4. Tugas Tim Peneliti

TUGAS/PERAN TIM PENELITI

| NO | NAMA PENELITI | BIDANG KEAHLIAN | TUGAS/PERAN DALAM PENELITIAN |
|----|------------------|--------------------|---------------------------------|
| 1 | Firdaus, MBA | Metodologi ANOVA | Ketua Penelitian |
| 2 | ari2 | IT | Pengumpulan Data |

R5. Luaran dan Target Capaian

LUARAN DAN TARGET CAPAIAN

| NO | JENIS LUARAN | TARGET CAPAIAN | JURNAL/KONFERENS YANG DITUJU*) |
|----|-----------------|-------------------|-----------------------------------|
| 1 | baru | baru1 | sad |
| 2 | baru2 | sda | dada |

*) tentative

NAMA : INTAN TRIHANDINI ALAWIYAH
KELAS : 3SI2
NIM : 222011537

PERTEMUAN 13

```
Complete!
[root@localhost ~]# dig -v
Dig 9.11.4-P2-RedHat-9.11.4-26.P2.e17_9.10
[root@localhost ~]# dig

;<> Dig 9.11.4-P2-RedHat-9.11.4-26.P2.e17_9.10 <>
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 13127
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:: udp: 4096
;; QUESTION SECTION:
;;
;;              IN      NS
;;
;; ANSWER SECTION:
;;              4502    IN      NS      g.root-servers.net.
;;              4502    IN      NS      j.root-servers.net.
;;              4502    IN      NS      e.root-servers.net.
;;              4502    IN      NS      l.root-servers.net.
;;              4502    IN      NS      d.root-servers.net.
;;              4502    IN      NS      a.root-servers.net.
;;              4502    IN      NS      b.root-servers.net.
;;              4502    IN      NS      i.root-servers.net.
;;              4502    IN      NS      m.root-servers.net.
;;              4502    IN      NS      h.root-servers.net.
;;              4502    IN      NS      c.root-servers.net.
;;              4502    IN      NS      k.root-servers.net.
;;              4502    IN      NS      f.root-servers.net.
;;
;; Query time: 49 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 01:57:40 EST 2022
;; MSG SIZE rcvd: 239

[root@localhost ~]# _
```

```
;; WHEN: Thu Dec 01 01:57:40 EST 2022
;; MSG SIZE rcvd: 239

[root@localhost ~]# dig NS

;<> Dig 9.11.4-P2-RedHat-9.11.4-26.P2.e17_9.10 <> NS
;; global options: +cmd
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 12807
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:: udp: 4096
;; QUESTION SECTION:
;;
;;              IN      NS
;;
;; ANSWER SECTION:
;;              4419    IN      NS      g.root-servers.net.
;;              4419    IN      NS      j.root-servers.net.
;;              4419    IN      NS      e.root-servers.net.
;;              4419    IN      NS      l.root-servers.net.
;;              4419    IN      NS      d.root-servers.net.
;;              4419    IN      NS      a.root-servers.net.
;;              4419    IN      NS      b.root-servers.net.
;;              4419    IN      NS      i.root-servers.net.
;;              4419    IN      NS      m.root-servers.net.
;;              4419    IN      NS      h.root-servers.net.
;;              4419    IN      NS      c.root-servers.net.
;;              4419    IN      NS      k.root-servers.net.
;;              4419    IN      NS      f.root-servers.net.
;;
;; Query time: 210 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 01:59:03 EST 2022
;; MSG SIZE rcvd: 239

[root@localhost ~]# _
```

domain .com

```
:: WHEN: Thu Dec 01 01:59:03 EST 2022
:: MSG SIZE rcvd: 239

[root@localhost ~]# dig NS com.

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> NS com.
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 12211
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;com.                                IN      NS

;; ANSWER SECTION:
com.      4502    IN      NS      e.gtld-servers.net.
com.      4502    IN      NS      f.gtld-servers.net.
com.      4502    IN      NS      m.gtld-servers.net.
com.      4502    IN      NS      h.gtld-servers.net.
com.      4502    IN      NS      a.gtld-servers.net.
com.      4502    IN      NS      l.gtld-servers.net.
com.      4502    IN      NS      d.gtld-servers.net.
com.      4502    IN      NS      j.gtld-servers.net.
com.      4502    IN      NS      c.gtld-servers.net.
com.      4502    IN      NS      k.gtld-servers.net.
com.      4502    IN      NS      b.gtld-servers.net.
com.      4502    IN      NS      g.gtld-servers.net.
com.      4502    IN      NS      i.gtld-servers.net.

;; Query time: 236 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:01:44 EST 2022
;; MSG SIZE rcvd: 256

[root@localhost ~]#
```

domain .ac.id

```
com.      4502    IN      NS      d.gtld-servers.net.
com.      4502    IN      NS      j.gtld-servers.net.
com.      4502    IN      NS      c.gtld-servers.net.
com.      4502    IN      NS      k.gtld-servers.net.
com.      4502    IN      NS      b.gtld-servers.net.
com.      4502    IN      NS      g.gtld-servers.net.
com.      4502    IN      NS      i.gtld-servers.net.

;; Query time: 236 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:01:44 EST 2022
;; MSG SIZE rcvd: 256

[root@localhost ~]# dig NS pandi.id.

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> NS pandi.id.
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28944
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;pandi.id.                                IN      NS

;; ANSWER SECTION:
pandi.id.      1127    IN      NS      dns1.pandi.id.
pandi.id.      1127    IN      NS      dns3.pandi.id.
pandi.id.      1127    IN      NS      dns2.pandi.id.

;; Query time: 266 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:05:30 EST 2022
;; MSG SIZE rcvd: 94

[root@localhost ~]# _
```


domain .go.id

```
:: ANSWER SECTION:
ac.id.          4502    IN      NS      c.dns.id.
ac.id.          4502    IN      NS      b.dns.id.
ac.id.          4502    IN      NS      e.dns.id.
ac.id.          4502    IN      NS      d.dns.id.

:: Query time: 278 msec
:: SERVER: 172.20.10.1#53(172.20.10.1)
:: WHEN: Thu Dec 01 02:06:26 EST 2022
:: MSG SIZE rcvd: 102

[root@localhost ~]# dig NS go.id.

; <<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> NS go.id.
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 32451
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;go.id.                  IN      NS

;; ANSWER SECTION:
go.id.          4502    IN      NS      b.dns.id.
go.id.          4502    IN      NS      c.dns.id.
go.id.          4502    IN      NS      d.dns.id.
go.id.          4502    IN      NS      e.dns.id.

:: Query time: 402 msec
:: SERVER: 172.20.10.1#53(172.20.10.1)
:: WHEN: Thu Dec 01 02:07:50 EST 2022
:: MSG SIZE rcvd: 102

[root@localhost ~]# _
```

bps.go.id

```
[root@localhost ~]# dig NS bps.go.id.

; <<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> NS bps.go.id.
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 62237
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;bps.go.id.             IN      NS

;; ANSWER SECTION:
bps.go.id.          373     IN      NS      ns3.bps.go.id.
bps.go.id.          373     IN      NS      ns1.bps.go.id.
bps.go.id.          373     IN      NS      ns2.bps.go.id.

:: Query time: 20 msec
:: SERVER: 172.20.10.1#53(172.20.10.1)
:: WHEN: Thu Dec 01 02:08:44 EST 2022
:: MSG SIZE rcvd: 92

[root@localhost ~]# _
```

stis.ac.id

```
[root@localhost ~]# dig NS stis.ac.id

; <<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> NS stis.ac.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 15916
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;stis.ac.id.            IN      NS

;; ANSWER SECTION:
stis.ac.id.          4502    IN      NS      ns4.stis.ac.id.
stis.ac.id.          4502    IN      NS      ns3.stis.ac.id.

:: Query time: 215 msec
:: SERVER: 172.20.10.1#53(172.20.10.1)
:: WHEN: Thu Dec 01 02:09:35 EST 2022
:: MSG SIZE rcvd: 75

[root@localhost ~]# _
```

ip server yang handle bps.go.id

```
[root@localhost ~]# dig A bps.go.id

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> A bps.go.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 8516
;; flags: qr rd ra: QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags: udp: 4096
;; QUESTION SECTION:
;bps.go.id.                IN      A

;; ANSWER SECTION:
bps.go.id.                 377     IN      A      203.123.61.214

;; Query time: 228 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:10:52 EST 2022
;; MSG SIZE rcvd: 54

[root@localhost ~]#
```

ip server yang handle bank Indonesia

```
[root@localhost ~]# dig A bi.go.id

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> A bi.go.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 12227
;; flags: qr rd ra: QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags: udp: 4096
;; QUESTION SECTION:
;bi.go.id.                 IN      A

;; ANSWER SECTION:
bi.go.id.                 4502    IN      A      103.243.178.111

;; Query time: 101 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:11:45 EST 2022
;; MSG SIZE rcvd: 53
```

PENUGASAN

1. Asuransi pemerintah → BPJS (bpjs-kesehatan.go.id)
 - a. IP server pengelola tvri.go.id

```
[root@localhost ~]# dig A bpjs-kesehatan.go.id

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<>> A bpjs-kesehatan.go.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45402
;; flags: qr rd: QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1
;; WARNING: recursion requested but not available

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags: udp: 4096
;; QUESTION SECTION:
;bpjs-kesehatan.go.id.    IN      A

;; ANSWER SECTION:
bpjs-kesehatan.go.id.    4502    IN      A      23.101.28.35

;; Query time: 87 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:37:05 EST 2022
;; MSG SIZE rcvd: 65
```

ip server pengelola tvri.go.id adalah 23.101.28.25

b. Name Server yang terlibat

```
[root@localhost ~]# dig NS bpjs-kesehatan.go.id

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.e17_9.10 <<>> NS bpjs-kesehatan.go.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 56616
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;bpjs-kesehatan.go.id.      IN      NS

;; ANSWER SECTION:
bpjs-kesehatan.go.id.    4502    IN      NS      ns1.cni.net.id.
bpjs-kesehatan.go.id.    4502    IN      NS      ns1.telkom.net.id.

;; Query time: 469 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:39:56 EST 2022
;; MSG SIZE rcvd: 100
```

name server yang terlibat diantaranya adalah

ns1.cni.net.id

ns1.telkom.net.id

c. Email server-mail exchange yang terlibat

```
[root@localhost ~]# dig MX bpjs-kesehatan.go.id

;<<>> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.e17_9.10 <<>> MX bpjs-kesehatan.go.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 60130
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;bpjs-kesehatan.go.id.      IN      MX

;; ANSWER SECTION:
bpjs-kesehatan.go.id.    4502    IN      MX      0 bpjskesehatan-go-id01b.mail.protection.outlook.com.

;; Query time: 316 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:41:05 EST 2022
;; MSG SIZE rcvd: 115
```

email server-mail exchange yang terlibat adalah 0

bpjskesehatan-gp-id01b.mai.protection.outlook.com

asuransi swasta→ Allianz (allianz.co,id)

a. ip server pengelola

```

[root@localhost ~]# dig A allianz.co.id

; <<> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<> A allianz.co.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53775
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:;, udp: 4096
;; QUESTION SECTION:
;allianz.co.id.                IN      A

;; ANSWER SECTION:
allianz.co.id.                77      IN      A      52.59.191.219
allianz.co.id.                77      IN      A      3.123.169.36

;; Query time: 74 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:44:43 EST 2022
;; MSG SIZE rcvd: 74

```

ip server pengelolanya adalah 52.59.191.219 dan 3.123.169.36

b. name server yang terlibat

```

[root@localhost ~]# dig NS allianz.co.id

; <<> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<> NS allianz.co.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20972
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:;, udp: 4096
;; QUESTION SECTION:
;allianz.co.id.                IN      NS

;; ANSWER SECTION:
allianz.co.id.                77      IN      NS      jktns1.biz.net.id.
allianz.co.id.                77      IN      NS      ns3.biz.net.id.
allianz.co.id.                77      IN      NS      ns4.biz.net.id.
allianz.co.id.                77      IN      NS      jktns2.biz.net.id.

;; Query time: 388 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:43:30 EST 2022
;; MSG SIZE rcvd: 128

```

name server yang terlibat adalah

jktns1.biz.net.id

ns3.biz.net.id

ns4.biz.net.id

jktns2.biz.net.id

c. email server-mail exchange

```

[root@localhost ~]# dig MX allianz.co.id

: <<> DiG 9.11.4-P2-RedHat-9.11.4-26.P2.el7_9.10 <<> MX allianz.co.id
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 57481
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:: udp: 4096
;; QUESTION SECTION:
;allianz.co.id.                IN      MX

;; ANSWER SECTION:
allianz.co.id.                4502    IN      MX      10 mxh-00137205.gslb.pphosted.com.
allianz.co.id.                4502    IN      MX      10 mxa-00137205.gslb.pphosted.com.

;; Query time: 95 msec
;; SERVER: 172.20.10.1#53(172.20.10.1)
;; WHEN: Thu Dec 01 02:42:14 EST 2022
;; MSG SIZE rcvd: 117

```

email server-mail exchange nya adalah 10 mxh-00137205.gslb.pphosted.com dan 10 mxa-00137205.gslb.pphosted.com