

Cara Menjalankan program:

1. Pastikan device sudah terinstall golang dan vue
2. Clone project berikut:
 1. User Service
<https://gitlab.com/backupflow/user-service.git>
 2. Storage Service
<https://gitlab.com/backupflow/storage-service.git>
 3. Schedule Service
<https://gitlab.com/backupflow/schedule-service.git>
 4. Notification Worker Service
<https://gitlab.com/backupflow/notification-worker-service.git>
 5. Agent
<https://gitlab.com/backupflow/agent.git>
 6. Front End
<https://github.com/NuryonoBroadway/skripsi.git>
3. Jalankan service User Service, Storage Service, Schedule Service dan Notification Worker Service dengan command *make start*

```
slvr@slvr:~/backupflow/user-service$ make start
go run main.go
[Event] [name="main", file="/home/slv/BackupFlow/user-service/main.go", function="main", level="info", line="129", hex
"582", message="start BackupFlow user service at [0:1:2024-03-25T01:58:58Z]"]
[Event] [name="server", file="/home/slv/BackupFlow/user-service/main.go", function="runGrpcServer", level="info", line
"131", message="start BackupFlow user gRPC server at [0:1:2024-03-25T01:58:58Z]"]
[Event] [name="client", file="/home/slv/BackupFlow/user-service/main.go", function="runRestClient", level="info", line
"133", message="start BackupFlow user HTTP gateway server at [0:1:2024-03-25T01:58:58Z]"]

slvr@slvr:~/backupflow/schedule-service$ make start
go run main.go
[Event] [name="main", file="/home/slv/BackupFlow/schedule-service/initiator/initiator.go", function="BMigration", level="info", line
"217", message="migration started", time="2024-03-25T01:58:00Z"]
[Event] [name="main", file="/home/slv/BackupFlow/schedule-service/initiator/initiator.go", function="Initiate", level="in
fo", line="242", message="waiting signal", time="2024-03-25T01:58:00Z"]
[Event] [name="main.grpc", file="/home/slv/BackupFlow/schedule-service/initiator/initiator.go", function="gRPC", level="i
nfo", line="111", message="start BackupFlow schedule gRPC server at [0:1:2024-03-25T01:58:00Z]"]
[Event] [name="main.init_rest", file="/home/slv/BackupFlow/schedule-service/initiator/initiator.go", function="rest", leve
l="info", line="184", message="start BackupFlow schedule HTTP gateway server at 0.0.0.0:5008", time="2024-03-25T01:58:00Z"]

slvr@slvr:~/backupflow/storage-service$ make start
go run main.go
[Event] [name="initiator", file="/home/slv/BackupFlow/storage-service/main.go", function="runGrpcServer", level="
info", line="158", message="start BackupFlow storage gRPC server at [0:1:2024-03-25T01:58:37Z]"]
[Event] [name="initiator.go", file="/home/slv/BackupFlow/storage-service/main.go", function="runHttpServer", level="
info", line="214", message="start BackupFlow storage HTTP gateway server at [0:1:2024-03-25T01:58:37Z]"]

slvr@slvr:~/backupflow/notification-worker-service$ make start
go run main.go
[Event] [name="jagger.initiator", file="/home/slv/BackupFlow/notification-worker-service/util/processor/jagger.go", func
tion="handleConsumer", level="info", line="34", message="jagger up and run", time="2024-03-25T01:58:14Z"]
[Event] [name="consumer.migrator", file="/home/slv/BackupFlow/notification-worker-service/db/migrator.go", function="R
estMigration", level="info", line="24", message="run migration", time="2024-03-25T01:58:14Z"]
[Event] [name="main", file="/home/slv/BackupFlow/notification-worker-service/main.go", function="main", level="info", l
ine="81", message="Server up and run", time="2024-03-25T01:58:14Z"]
[Event] [name="notification.consumer.setter", file="/home/slv/BackupFlow/notification-worker-service/vendor/github.com/
golang-jwt/jwt/v5/claims.go", function="startForRoutes", level="info", line="172", message="Processing messages on 1 gor
outine", time="2024-03-25T01:58:14Z"]
[Event] [name="main", file="/home/slv/BackupFlow/notification-worker-service/main.go", function="main", level="info", l
ine="84", message="waiting signal", time="2024-03-25T01:58:14Z"]
```

4. Jalankan Service Front End dengan comman *npm run dev*

```
VITE v4.5.0 ready in 695 ms

→ Local: http://localhost:5173/
→ Network: use --host to expose
→ press h to show help
```

5. Jalankan Service Agent dengan beberapa command berikut

1. *go run main.go add --target={{ target_full_path_folder }} --source={{ agent_key_pada_user_profile }}*

```
AND5661@PID-PRODUCTENGINEER-ADN5661 agent % go run main.go add --target={{ target_full_path_folder }} --source={{ agent_key_pada_user_profile }}
```

2. *go run main.go run --target={{ target_full_path_folder_beserta_nama_filenya }}*

```
AND5661@PID-PRODUCTENGINEER-ADN5661 agent % go run main.go run --target={{ target_full_path_folder_beserta_nama_filenya }}
```