PENGENALAN APLIKASI

Purwa Express adalah aplikasi demo yang digunakan untuk membantu proses ekspedisi *user* atau *customer,* menjadi lebih mudah dengan adanya bantuan fitur *tracking* lokasi paket, cek harga pengiriman dari kota A ke kota B berdasarkan jarak dan berat barang, Purwa Express juga memberikan kemudahan dalam proses penginputan data untuk admin dan courier.

FITUR FRONTEND

Table 1 Penjelasan Fitur Frontend

NO	ROLE	PAGE	FITUR	DESKRIPSI
1	GUEST(NON-USER) / USER	• landingPage	Lacak Kiriman	Melacak lokasi barang kiriman.
			Cek Tarif Kiriman	Melakukan cek estimasi harga pengiriman berdasarkan lokasi kota A ke kota B, harga disesuaikan berdasarkan jarak dan berat barang.
2	ADMIN	• adminPage • kirimComp • registCourComp • historyAdmin	Input Pengiriman	Admin melakukan input pengiriman untuk mendapatkan data yang nantinya akan digunakan oleh kurir.
			Registrasi Kurir	Admin dapat mendaftarkan user dengan role "courier".
			Cek History Pengiriman	Admin dapat mengecek history pengiriman keseluruhan .
			Cek Detail Pengiriman	Admin dapat mengecek pengiriman secara detail.
3	COURIER	• courierPage • sendComp	Input pengiriman	Kurir melakukan input barang/paket yang akan dipilih.
			Update Pengiriman	Kurir melakukan input menggunakan resi dan mengubah status sesuai dengan status baru.
4	USER	• statusComp	Cek History Pengiriman	User dapat melakukan cek history pengiriman, penerimaan barang

				yang diantar oleh kurir.
			Konfirmasi Pengiriman	User yang telah terdaftar dapat melakukan konfirmasi penerimaan barang menggunakan tanda tangan digital.
			Cek Detail Pengiriman	User dapat mengecek barang-barang yang dikirim dan yang telah sampai.

DOKUMENTASI BACKEND

1. userController; User dan kurir dapat membuat akun dan login.
- Register
  Method: POST
  Path: /users/register
  Request:

```
2    {
3        "username": "lala",
4        "nama": "Lala",
5        "email": "lala@mail.com",
6        "password": "abc123",
7        "telp": "08112233445"
8    }
```

  Response:

```
1    {
2        "idusers": 7,
3        "username": "lala",
4        "nama": "Lala",
5        "email": "lala@mail.com",
6        "password": "abc123",
7        "telp": "08112233445",
8        "idrole": 1,
9        "idstatus_user": 1,
10       "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
            eyJpZHVzZXJzIjo3LCJ1c2VybmFtZSI6ImxhbGEiLCJuYW1hIjoiTGFsYSIsImVtYWlsIjoibGFsYUBtYWlsLmNvbSIsInBhc3N3b3JkIjoiYW
            JjMTIzIiwidGVscCI6IjA4MTEyMjMzNDQ1IiwiaWRyb2xlIjoxLCJpZHN0YXR1c191c2VyIjoxLCJpYXQiOjE2MjU0NTc2NDAsImV4cCI6MTYy
            NTUwMDg0MH0.rtCNxtBMv9PJqGdA3HuxzTzgICl_slLJ52Hkxk9tmEA"
11   }
```

- Login
  Method: POST
  Path: /users/login
  Request:

```
    {
        "email": "lala@mail.com",
        "password": "abc123"
    }
```

  Response:

```
1    {
2        "idusers": 7,
3        "username": "lala",
4        "nama": "Lala",
5        "email": "lala@mail.com",
6        "password": "abc123",
7        "telp": "08112233445",
8        "idrole": 1,
9        "idstatus_user": 1,
10       "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
            eyJpZHVzZXJzIjo3LCJ1c2VybmFtZSI6ImxhbGEiLCJuYW1hIjoiTGFsYSIsImVtYWlsIjoibGFsYUBtYWlsLmNvbSIsInBhc3N3b3JkIjoiYW
            JjMTIzIiwidGVscCI6IjA4MTEyMjMzNDQ1IiwiaWRyb2xlIjoxLCJpZHN0YXR1c191c2VyIjoxLCJpYXQiOjE2MjU0NTc5NjAsImV4cCI6MTYy
            NTUwMTE2MH0.8Vx3cnk638ZfM7lxb8WH-HcWx01bfAMpJM8_2ibuvgs"
11   }
```

- getUsers
  Method: GET
  Path: /users/get
  Response:

```
{
    "idusers": 1,
    "username": "mrakhalf",
    "nama": "Mochamad Rakha",
    "email": "mrakhalf@apeloe.com",
    "password": "q1r58sv4",
    "telp": "08112264420",
    "idrole": 1,
    "idstatus_user": 1
},
```

- getUsersRole
  Method: GET
  Path: /users/usersRole
  Response:

```
{
    "idusers": 6,
    "username": "nana",
    "nama": "Nana",
    "email": "nana@mail.com",
    "password": "abc123",
    "telp": "081908144044",
    "idrole": 3,
    "idstatus_user": 1
}
```

- addKurir
  Method: POST
  Path: /users/addKurir
  Request:

```
{
    "username": "michael",
    "nama":"Michael Hendra",
    "email": "michael@mail.com",
    "password": "abc123",
    "telp": "081908881212"
}
```

  Response:

```json
{
    "idusers": 8,
    "username": "michael",
    "nama": "Michael Hendra",
    "email": "michael@mail.com",
    "password": "abc123",
    "telp": "081908881212",
    "idrole": 2,
    "idstatus_user": 1,
    "token": "eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
        eyJpZHVzZXJzIjo4LCJ1c2VybmFtZSI6Im1pY2hhZWwiLCJuYW1hIjoiTWljaGFlbCBIZW5kcmEiLCJlbWFpbCI6Im1pY2hhZ
        WxAbWFpbC5jb20iLCJwYXNzd29yZCI6ImFiYzEyMyIsInRlbHAiOiIwODE5MDg4ODEyMTIiLCJpZHJvbGUiOjIsImlkc3RhdH
        VzX3VzZXIiOjEsImlhdCI6MTYyNTQ1OTI4OSwiZXhwIjoxNjI1NTAyNDg5fQ.
        0J77g0h7CfgaUa1POwQfmkxTMra0rSQxBjjsMtZYm1Y"
}
```

2. ongkirController; Admin dapat mendapatkan semua kota asal dan tujuan pengiriman dan mendapatkan shipping cost.

- getCity
  Method: GET
  Path: /ongkir/getCity
  Response:

```json
{
    "id": "1",
    "city": "Aceh Barat"
},
{
    "id": "2",
    "city": "Aceh Barat Daya"
},
{
    "id": "3",
    "city": "Aceh Besar"
},
```

- shippingCost
  Method: POST
  Path: /ongkir/cost
  Request:

```json
{
    "origin":22,
    "destination":151,
    "weight":1000
}
```

  Response:

```json
{
    "cost": [
        {
            "value": 15000,
            "etd": "1-1",
            "note": ""
        }
    ]
}
```

3. adminController; Admin dapat mendapatkan value attribute dari table kota, pengiriman, status, data, status_pengiriman,users dan konfirmasi.

- addData
  Method: POST
  Path: /admin/add-data
  Desc : Admin dapat melakukan input barang untuk data pengiriman.
  Request:

```
{
    " Jenisbarang" : "Elektronik",
     "namapengirim": "Dadang Kurniawan",
    " idusers": "2",
     "namapenerima": "Nana Sukma",
     "alamat": "Komplek Perumahan Alien No.51X",
     "kotaasal": "22",
     "kotapenerima": "151",
     "beratbarang:" "2000",
     "harga": "22000",
     "telephonepenerima": "09103028221",
     "resi": "PWX#62307",
     "tanggalinput": "2/7/2021-10:43:25",
     "idstatus" : "1",
}
```

Response :

```
{
 "fieldCount": 0,
 "affectedRows": 1,
 "insertId": 0,
 "serverStatus": 2,
 "warningCount": 0,
 "message": "(Rows matched: 1  Changed: 0  Warnings: 0",
 "protocol41": true,
```

- getData
  Method: POST
  Path: /admin/add-data
  Desc : Admin dapat melakukan input barang untuk data pengiriman.
  Response:

```
[
 {
  "idstatus_pengiriman": 1,
  "iddata": 1,
  "desc_status": "Paket diproses",
  "nama_penerima": "Nana Sukma",
  "resi": "PWX#62307",
  "kota_penerima": "Jakarta Barat",
  "idusers": 6,
```

```json
    "kota_asal": "Bandung",
    "berat_barang": 1500,
    "idstatus": 6
  },
  {
    "idstatus_pengiriman": 2,
    "iddata": 1,
    "desc_status": "Paket telah sampai di Gateway",
    "nama_penerima": "Nana Sukma",
    "resi": "PWX#62307",
    "kota_penerima": "Jakarta Barat",
    "idusers": 6,
    "kota_asal": "Bandung",
    "berat_barang": 1500,
    "idstatus": 6
  },
  {
    "idstatus_pengiriman": 3,
    "iddata": 1,
    "desc_status": "Paket akan dikirimkan ke Gateway",
    "nama_penerima": "Nana Sukma",
    "resi": "PWX#62307",
    "kota_penerima": "Jakarta Barat",
    "idusers": 6,
    "kota_asal": "Bandung",
    "berat_barang": 1500,
    "idstatus": 6
  },
  {
    "idstatus_pengiriman": 4,
    "iddata": 1,
    "desc_status": "Paket telah sampai di Gateway",
    "nama_penerima": "Nana Sukma",
    "resi": "PWX#62307",
    "kota_penerima": "Jakarta Barat",
    "idusers": 6,
    "kota_asal": "Bandung",
    "berat_barang": 1500,
    "idstatus": 6
  },
  {
    "idstatus_pengiriman": 5,
    "iddata": 1,
    "desc_status": "Paket akan dirkirim ke alamat penerima",
    "nama_penerima": "Nana Sukma",
    "resi": "PWX#62307",
    "kota_penerima": "Jakarta Barat",
    "idusers": 6,
    "kota_asal": "Bandung",
    "berat_barang": 1500,
    "idstatus": 6
```

```
  },
  {
   "idstatus_pengiriman": 6,
   "iddata": 1,
   "desc_status": "Paket telah diterima oleh",
   "nama_penerima": "Nana Sukma",
   "resi": "PWX#62307",
   "kota_penerima": "Jakarta Barat",
   "idusers": 6,
   "kota_asal": "Bandung",
   "berat_barang": 1500,
   "idstatus": 6
  }
]
```

- getDataInputAdmin
  Method: GET
  Path: /admin/get-input
  Desc : Melakukan get tabel data yang di join dengan tabel kota.
  Response :

```
[
  {
   "iddata": 1,
   "jenis_barang": "Elektronik",
   "nama_pengirim": "Michael Jordan",
   "nama_penerima": "Nana Sukma",
   "idusers": 6,
   "alamat": "Komplek ga tau dimana no 10",
   "berat_barang": 1500,
   "harga": 22000,
   "telp_penerima": 8112264420,
   "resi": "PWX#62307",
   "tanggal_input": "2/7/2021-10:43:25",
   "idstatus": 6,
   "desc_status": "Paket telah diterima oleh",
   "kota_asal": "Bandung",
   "kota_penerima": "Jakarta Barat"
  }
]
```

- getPengirimanStatus
  Method: GET
  Path: /admin/get-pengiriman
  Desc : Melakukan get pada tabel pengiriman yang dijoin dengan tabel kota, data, dan users.
  Response :

```
[
  {
    "idpengiriman": 1,
    "idusers": 6,
    "iddata": 1,
    "idstatus": 7,
    "resi": "PWX#62307",
    "idcourier": 2,
    "jenis_barang": "Elektronik",
    "tanggal_input": "2/7/2021-10:43:25",
    "nama_pengirim": "Michael Jordan",
    "nama_penerima": "Nana Sukma",
    "alamat": "Komplek ga tau dimana no 10",
    "telp_penerima": 8112264420,
    "harga": 22000,
    "kota_asal": "Bandung",
    "kota_penerima": "Jakarta Barat",
    "berat_barang": 1500
  }
]
```

- getStatusAll
  Method: GET
  Path: /admin/get-status
  Desc : Melakukan get pada tabel status_pengiriman yang dijoin dengan tabel status.
  Response :

```
[
  {
    "idstatus_pengiriman": 1,
    "iddata": 1,
    "idstatus": 1,
    "desc_status": "Paket diproses"
  },
  {
    "idstatus_pengiriman": 2,
    "iddata": 1,
    "idstatus": 2,
    "desc_status": "Paket telah sampai di Gateway"
  },
  {
    "idstatus_pengiriman": 3,
    "iddata": 1,
    "idstatus": 3,
    "desc_status": "Paket akan dikirimkan ke Gateway"
  },
  {
    "idstatus_pengiriman": 4,
    "iddata": 1,
    "idstatus": 4,
    "desc_status": "Paket telah sampai di Gateway"
```

```
  },
  {
   "idstatus_pengiriman": 5,
   "iddata": 1,
   "idstatus": 5,
   "desc_status": "Paket akan dirkirim ke alamat penerima"
  },
  {
   "idstatus_pengiriman": 6,
   "iddata": 1,
   "idstatus": 6,
   "desc_status": "Paket telah diterima oleh"
  }
]
```

- getKonfirmasi
  Method: GET
  Path: /admin/get-konfirmasi
  Desc : Melakukan get pada tabel konfirmasi yang dijoin dengan tabel data.
  Response :

```
[
 {
  "idkonfirmasi": 5,
  "idpengiriman": 1,
  "iddata": 1,
  "signature":
"data:image/png;base64,iVBORw0KGgoAAAANSUhEUgAAAJ8AAAB1CAYAAABQxDMEAAASz0lEQVR
4Xu2dBcwuRxWG30KCQ4EAwYoXD8WlQHCXIoFQJDgECEWLNIS2QChQ3CEtTlpcSrBCgEJxL1CKS7m4
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/f5xSTfZME11+Jk4sGnw/a9hnneX9LaZ5l+H2SAHNgm+m0s6PswdsN3N/TcArG3lHNgk+I6U9PjA30tEt
h6qFxVc24o5sEnwvVbS/SS9RNJbkj4m6caB14dLwh6sbcUc2BT4ABlgoxnQvPNRHY8Vg86mtinwPVrSC
ySdKmmfQlwHJDZgtftWDsBNge9ESftLOlbSgY7H5v1+U9KVV877HT9O9L5ESK
a2lXJgTvCdR9Ipks4v6Q6S3tfA0wq+lQKtaVpzgo9UGik1Wtu4FXwwVfJNw4DmSDpb0YUm3ahnBg48i0zt
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OJFb8ZW/KxGfwoWoWCUlFpOK1XXOWPUZ+fngL/ugtFPZ46NJfl8xXLJuXqW3UjNA8/PxjpiLgfOLunki4
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3qZk/Cf6e55+4+kM4aVrXd/DIe4JRl8T62m1Bjg8+fulWQn7EuZI8b3Vge8b0u6ryRUUtL3S5KuZOZ/O7a
HJuA1qlvj0Bjg48R4FrEkvgcd9n5O7V/JCj9fEgFO2mfCDUhIO7vz7ReSrlDrCEtYuztO+09JZ3Y8PqqTrAscx
wGeeammA2MIsU24S93ZIfLvRnyWdIzCMG8/fX8T+nfuSSby/SiK8Yq33NoGh4PP2Xil4pg6z3EvSmwJH
```

clwwDXyr58OUfzhe1X5PEjY1rVPdjqV2vob1XUgrlS6ma7EXOcL7WwHvYPLg4G5AEt2++fH9q1V++zNv3
pplL7NM5ycX0OPjzgSn3JQ+VfEYArCnpqyvM4u/fZRw86dxmVy/wXpsa8LvmSk2HXLqW/rzxjAgF6/RIF
zUgfvqtlAmWAMb3a/G9Uk/VxHYcZjlruBzw+mGwXwd1iV2R2kjVvTM83OXJ2pEePFo6j1Salv4cmgqw
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yAZ9dtUr3TL5V8XwhJeFQgqrCkmaEfOxuoY9x5pOsFJPGlmSv/ckmPaBnMgzRHFXjwxaGW4yVRCk77i
aSLhf9mu8BHSia9xe/Ab7xZ1CwaAODBR2uXDXaf3QQ/uAqoBHyXl3RyoKhPDXbx2jzdppIbDHwi5dhup
oLpq83W8pXUPJdTEd0GvlsGZtsciDWy+YVWUr2zxbg7DWg4Fnz4SH8kXHxQ04tDMNnmUYKd0/Ggp
ANvgKcY9G1MN4clVtvYaVwSaNIrBXw+G5Ij9aCtzb45WtIDAvF4y+bENOWHtxlYfbT5UFPsWNi72LzYvj
Suq7hLSvqsb+AS8NntkadK2qdvgJbfzdNtMvANDKngu01UiZIbjG4CH5mVTzna2ZmHJKTlgruQRZO/hpr
lw7bjh7sSBf7jHi0FmQs+b9QPiXWZ4dp0IpXZbqbSfX62aUz/O6oROzGn+S/fgBsHlbkfhEA6DXv32jkDb
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d+fGxwSkajPQd8PsYz1O4hdsTh3yy2/+qaSqw8wHyo5ZwhfQZIaXGFciqqTjnDb+gAvsSuuZ6VRFUOIhei+
tVG//lQiBzyHsAB0Jr35sJhPm5q1obzG6cqPI00RRPtLwg/gYm9rZ5IEiFkrHDUqnanPhKbDc8BHdeoTQq
9DVC5dkAJj26InIL8b0GDW08JYsVo0psUqoUTlMgSGNjYeu+sBH3aNSXe8eaL5llsusSkJlp8iif0NczdABi
8BCC2VR3EwmfXGHPltuKwbs4TCXE4juFDhyWK7csDn83lDVK55uk1ek8X+vMfaBj6clTsGpgIKJGCJGW
D982U+xZXcW0zRFxXkBlaRxjhpvwq09uWlxwln4AF09tFg2yH5mGNKO28AWsqzpc8clwo+i70xUKl6M
yLtq4pDIr7QwJdoefBZZoH6PHK31giQYpOUtNihsQVDIv4syi2nSnxUDTWKdk4JdL0iyomW0Nr3DjwEd
GYm+BKovnfj3z1fct9tep74IFkhBAzC67BU8Plk8qB8XmAMYImdA3P/47s77PQrJmSZBW8C8Pchu84st
PPckDI08MV5ZcZJkfhIGPLBOE2+YeOeMMYqtvQRq1jAz4c75EoJ6iDZj0FqzQ7tNOnJv0hUpDpOGhoCy
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}

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OHCFi5E4Qja2ioHdnPg/4QYGcm5NXq5AAAAAElFTkSuQmCC",
 "penerima": "Nana Sukma"
}

- getAllData
  Method: GET
  Path: /admin/get-all
  Desc : Melakukan get pada tabel data yang dijoin dengan tabel status, status_pengiriman, kota.
  Response :

```
[
 {
  "iddata": 1,
  "jenis_barang": "Elektronik",
  "nama_pengirim": "Michael Jordan",
  "nama_penerima": "Nana Sukma",
  "idusers": 6,
  "alamat": "Komplek ga tau dimana no 10",
  "kota_asal": 22,
  "kota_penerima": 151,
  "berat_barang": 1500,
  "harga": 22000,
  "telp_penerima": 8112264420,
  "resi": "PWX#62307",
  "tanggal_input": "2/7/2021-10:43:25",
  "idstatus": 6,
  "desc_status": "Paket telah diterima oleh",
  "status": [
   {
    "idstatus_pengiriman": 1,
    "iddata": 1,
    "idstatus": 1,
    "desc_status": "Paket diproses",
    "asal": "Bandung",
    "tujuan": "Jakarta Barat",
    "alamat": "Komplek ga tau dimana no 10",
    "nama_penerima": "Nana Sukma"
   },
   {
    "idstatus_pengiriman": 2,
    "iddata": 1,
    "idstatus": 2,
    "desc_status": "Paket telah sampai di Gateway",
    "asal": "Bandung",
    "tujuan": "Jakarta Barat",
```

```
      "alamat": "Komplek ga tau dimana no 10",
      "nama_penerima": "Nana Sukma"
    },
    {
      "idstatus_pengiriman": 3,
      "iddata": 1,
      "idstatus": 3,
      "desc_status": "Paket akan dikirimkan ke Gateway",
      "asal": "Bandung",
      "tujuan": "Jakarta Barat",
      "alamat": "Komplek ga tau dimana no 10",
      "nama_penerima": "Nana Sukma"
    },
    {
      "idstatus_pengiriman": 4,
      "iddata": 1,
      "idstatus": 4,
      "desc_status": "Paket telah sampai di Gateway",
      "asal": "Bandung",
      "tujuan": "Jakarta Barat",
      "alamat": "Komplek ga tau dimana no 10",
      "nama_penerima": "Nana Sukma"
    },
    {
      "idstatus_pengiriman": 5,
      "iddata": 1,
      "idstatus": 5,
      "desc_status": "Paket akan dirkirim ke alamat penerima",
      "asal": "Bandung",
      "tujuan": "Jakarta Barat",
      "alamat": "Komplek ga tau dimana no 10",
      "nama_penerima": "Nana Sukma"
    },
    {
      "idstatus_pengiriman": 6,
      "iddata": 1,
      "idstatus": 6,
      "desc_status": "Paket telah diterima oleh",
      "asal": "Bandung",
      "tujuan": "Jakarta Barat",
      "alamat": "Komplek ga tau dimana no 10",
      "nama_penerima": "Nana Sukma"
    }
  ]
}
]
```

- barangTerkirim
  Method: GET

Path: /admin/terkirim

Desc : Melakukan get data yang dijoin dengan tabel status.

Response :

```
[
 {
  "iddata": 1,
  "jenis_barang": "Elektronik",
  "nama_pengirim": "Michael Jordan",
  "nama_penerima": "Nana Sukma",
  "idusers": 6,
  "alamat": "Komplek ga tau dimana no 10",
  "kota_asal": 22,
  "kota_penerima": 151,
  "berat_barang": 1500,
  "harga": 22000,
  "telp_penerima": 8112264420,
  "resi": "PWX#62307",
  "tanggal_input": "2/7/2021-10:43:25",
  "idstatus": 6,
  "desc_status": "Paket telah diterima oleh"
 }
]
```

4. courierController; Courier dapat mendapatkan value attribute dari table data, kota, pengiriman, status dan konfirmasi

- addPengiriman

  Method: GET

  Path : /courier/add-pengiriman

  Desc : Melakukan insert data ke tabel status_pengiriman, melakukan insert kembali ke tabel pengiriman dan melakukan update data merubah attribute idstatus.

  Request :

```
{
  "idusers":"4",
  "iddata":"2",
  "idstatus":"2",
  "resi":"PWX#64103",
  "idcourier":"2"
}
```

  Response :

```
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 11,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "",
  "protocol41": true,
  "changedRows": 0
}
```

- getDataPengiriman
  Method: GET
  Path: / courier/get-pengiriman
  Desc : Melakukan get pada tabel pegiriman yang dijoin dengan tabel kota, dan status.
  Response :

```
[
  {
    "idpengiriman": 2,
    "idusers": 4,
    "iddata": 2,
    "idstatus": 2,
    "resi": "PWX#64103",
    "idcourier": 2,
    "kota_penerima": "Jakarta Barat",
    "kota_asal": "Bandung",
    "desc_status": "Paket telah sampai di Gateway",
    "berat_barang": 1500
  }
]
```

- getStatusPengiriman
  Method: GET
  Path: /courier/get-status
  Desc : Melakukan get pada tabel status.
  Response :

```
[
  {
    "idstatus": 1,
    "desc_status": "Paket diproses"
  },
  {
    "idstatus": 2,
    "desc_status": "Paket telah sampai di Gateway"
  },
  {
    "idstatus": 3,
    "desc_status": "Paket akan dikirimkan ke Gateway"
```

```
  },
  {
    "idstatus": 4,
    "desc_status": "Paket telah sampai di Gateway"
  },
  {
    "idstatus": 5,
    "desc_status": "Paket akan dirkirim ke alamat penerima"
  },
  {
    "idstatus": 6,
    "desc_status": "Paket telah diterima oleh"
  }
]
```

- updateStatus
  Method: GET
  Path: /courier/update-status
  Desc : Melakukan update attribute idstatus pada tabel pengiriman, melakukan insert pada status_pengiriman dan melakukan update attribute idstatus pada tabel data.
  Request :

```
{
  "idstatus":3,
  "idpengiriman":1,
  "iddata":1
}
```

  Response :

```
{
  "fieldCount": 0,
  "affectedRows": 1,
  "insertId": 0,
  "serverStatus": 2,
  "warningCount": 0,
  "message": "(Rows matched: 1  Changed: 0  Warnings: 0",
  "protocol41": true,
  "changedRows": 0
}
```

FRONTEND DOCUMENTATION

1. NON-USER (GUEST) & USER

- Home Page

    Halaman awal non-user(*guest*) pada saat awalan mengakses website Purwa Express (http://purwa-express.purwadhikafs3.com:3001) .

Figure 1 Home page user dan guest

- Lacak Kiriman

    Hasil dari fitur pelacakan kiriman, akan menghasilkan status barang yang dikirim beserta nama penerima.
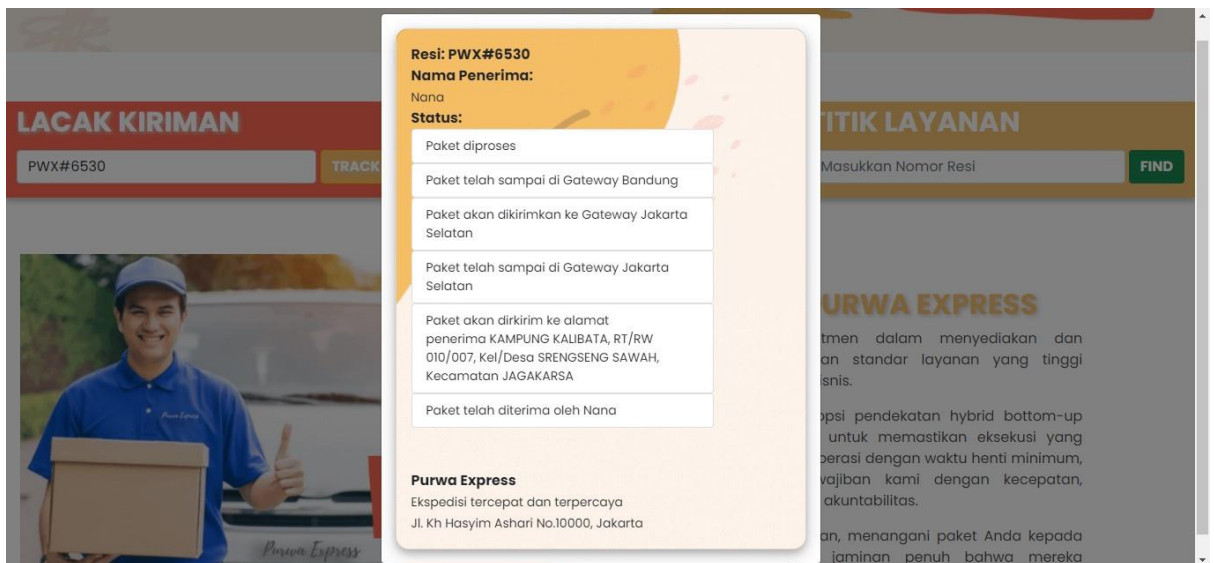
Figure 2 Lacak kiriman mendapatkan status lokasi.

- Tarif Kiriman

    Hasil dari fitur cek tarif setelah memasukan *origin* (kota asal), *destination* (kota tujuan) dan *weight* (berat).
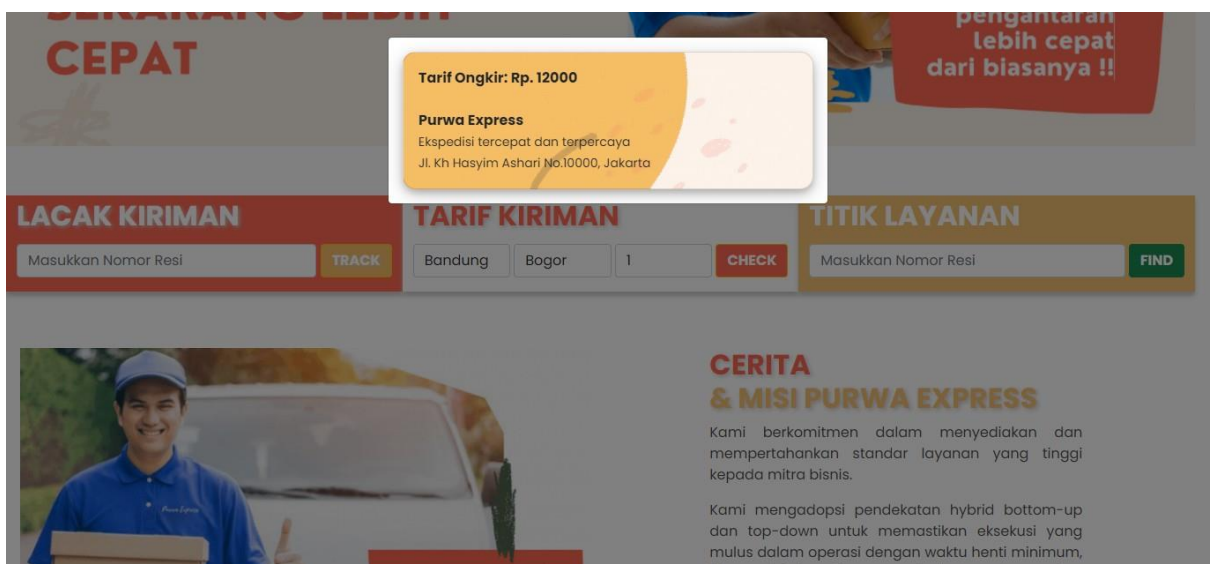
Figure 3 Cek Tarif kirim untuk mencari estimasi harga

- Register Page

    Page Registration, data yg diinputkan berupa Username, Nama, Email, Password dan Telephone.

Figure 4 Halaman Registrasi User

- Login Page

    Halaman yang digunakan oleh *role user*, *admin* dan *courier* untuk bisa mengakses sesuai dengan fitur-fitur yang dimiliki masing-masing *role*.

Figure 5 Login user

2. ADMIN PAGES
- Home Page

Halaman awal yang akan diakses oleh admin setelah melakukan login sebagai role Admin.
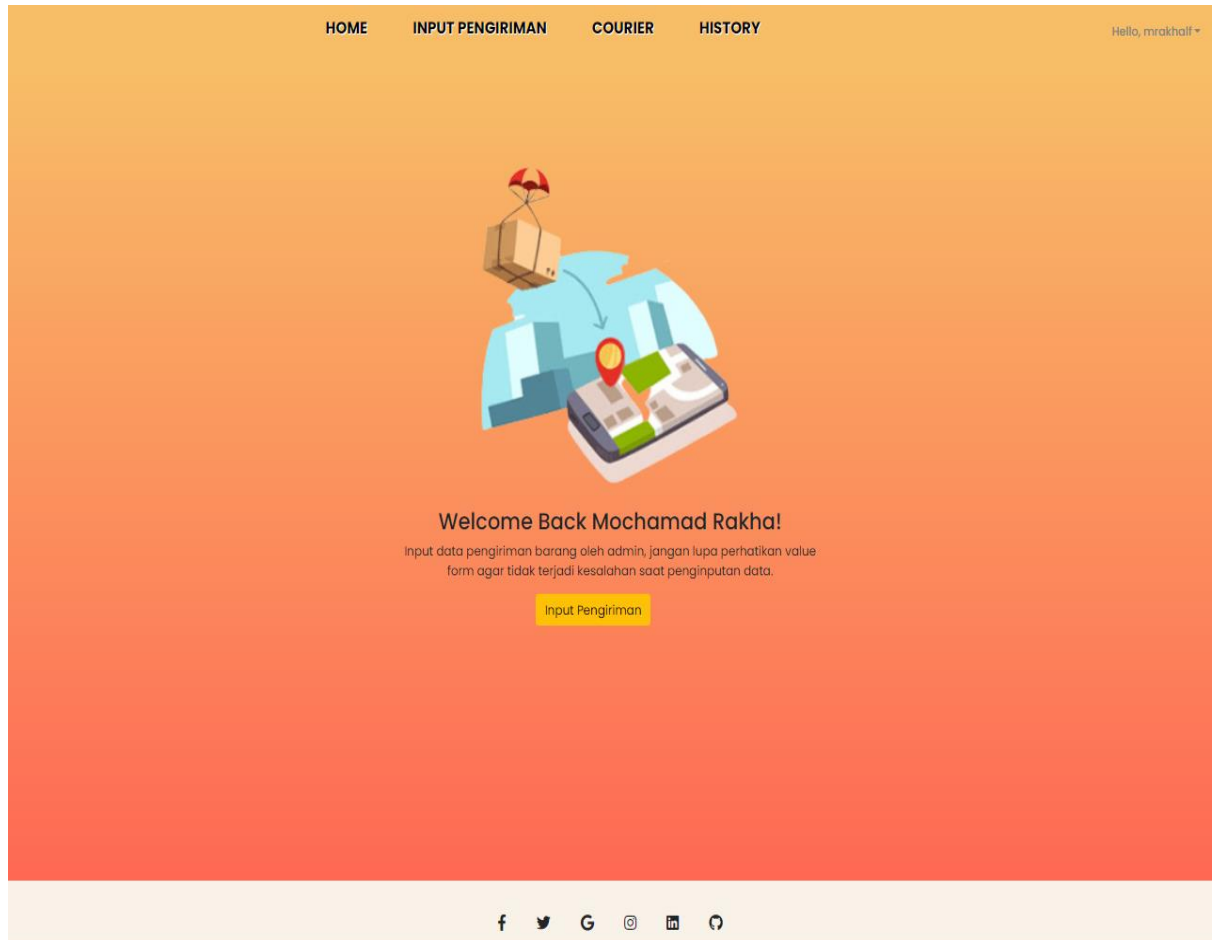
Figure 6 Halaman awal admin

- Input Pengiriman Page

Admin menginputkan jenis barang, nama pengirim, username ,nama penerima , alamat, kota asal, kota penerima, berat barang, harga (*auto generate*) dan telephone penerima, setelah input selesai Admin dapat melihat barang yang telah diinput akan muncul di list Menunggu Courier dan Admin dapat melakukan print nota pengiriman.

Figure 7 Input barang untuk diinput

- Courier

Admin dapat mendaftar kurir dengan mengisi input sesuai dengan yang dibutuhkan, setelah berhasil melakukan registrasi, kurir yang berhasil diregistrasi/terdaftar dapat dilihat dibagian *list courier*.

Figure 8 Registrasi Kurir

Registrasi kurir dengan input Username, Nama, Email, Telephone dan Password

Figure 9 Form input untuk registrasi kurir

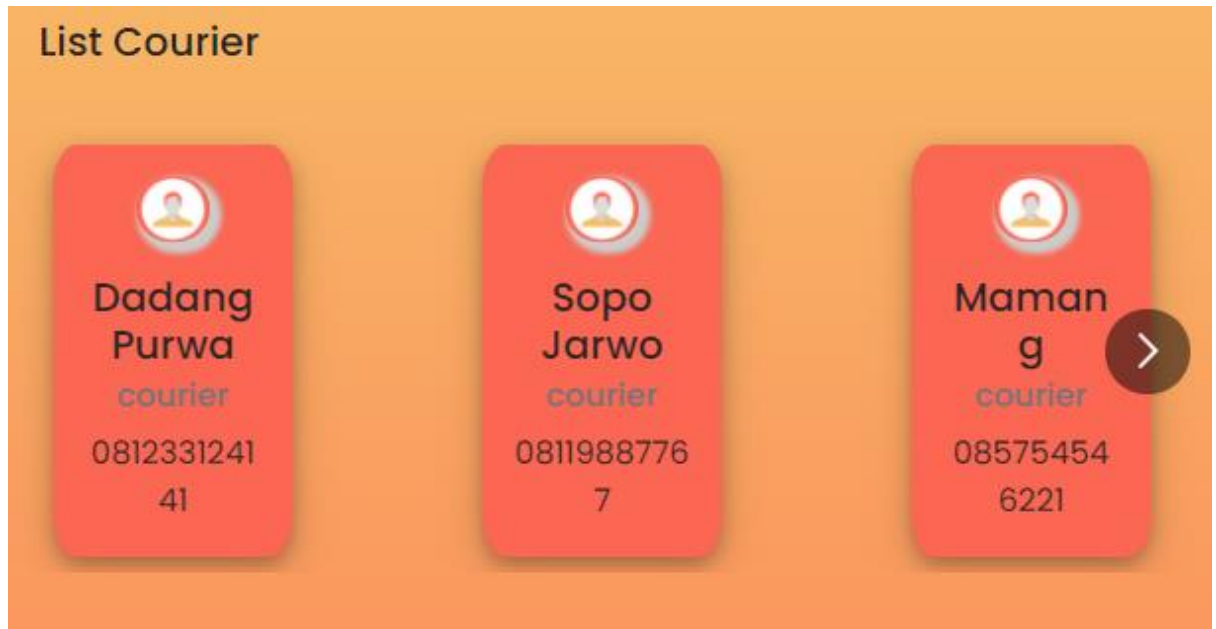Kurir yg sudah teregistrasi oleh admin akan di tampilkan di List Courier sebagai berikut:

Figure 10 List kurir yang telah berhasil terdaftar sebagai kurir Purwa Express

- History Pengiriman

    Pada bagian atas Shipping History terdapat User (Admin) yg sedang login diakun tersebut, Barang terkirim yang menampilkan seluruh barang yang sudah terkirim.
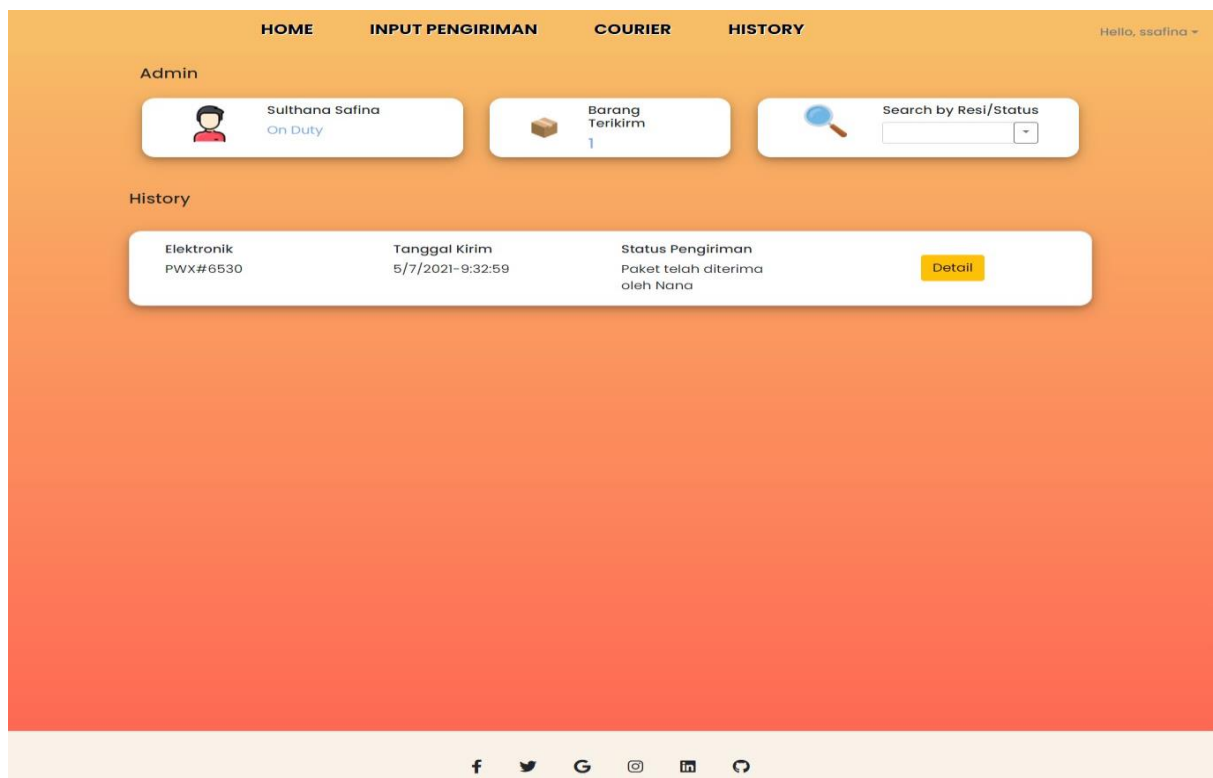

Figure 11 Halaman history admin

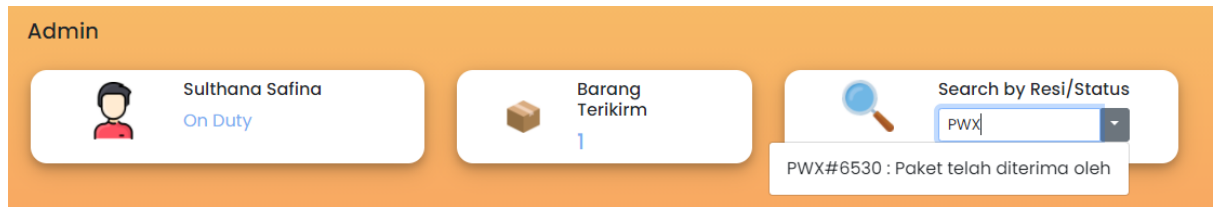fitur pencarian menggunakan resi atau status pengiriman.

Figure 12 Nama user, barang terkirim dan pencarian

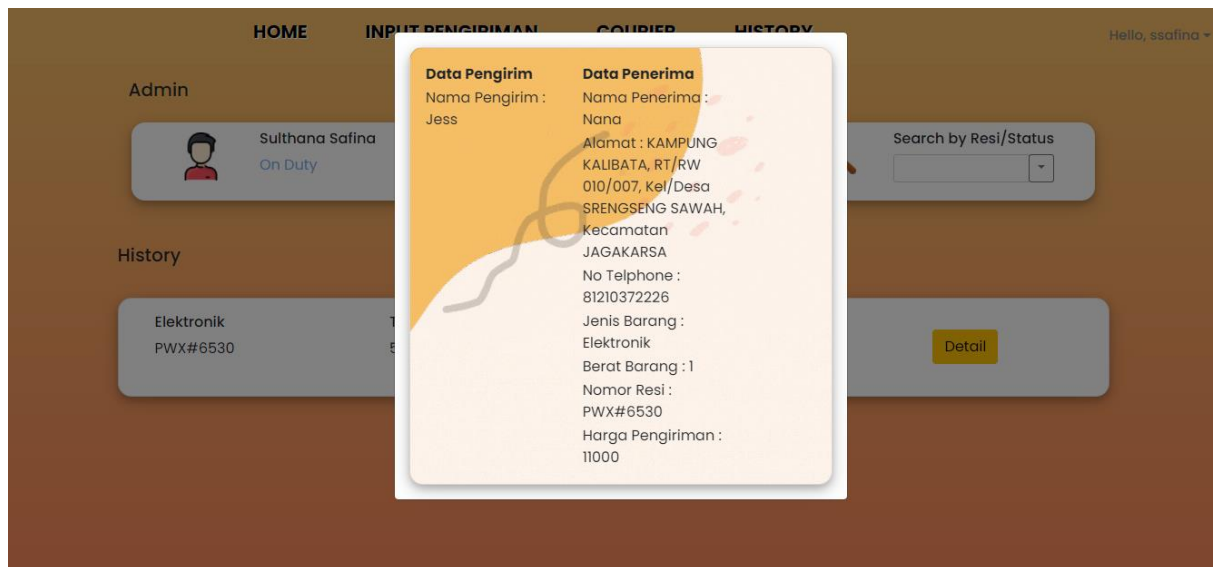Pada bagian bawah history pengiriman terdapat seluruh list pengiriman, beserta detail pengiriman barang.

Figure 13 Detail history pengiriman

3. COURIER PAGES
   • Home Page
     Halaman awal untuk kurir setelah berhasil melakukan login.

Figure 14 Halaman awal login sebagai role courier
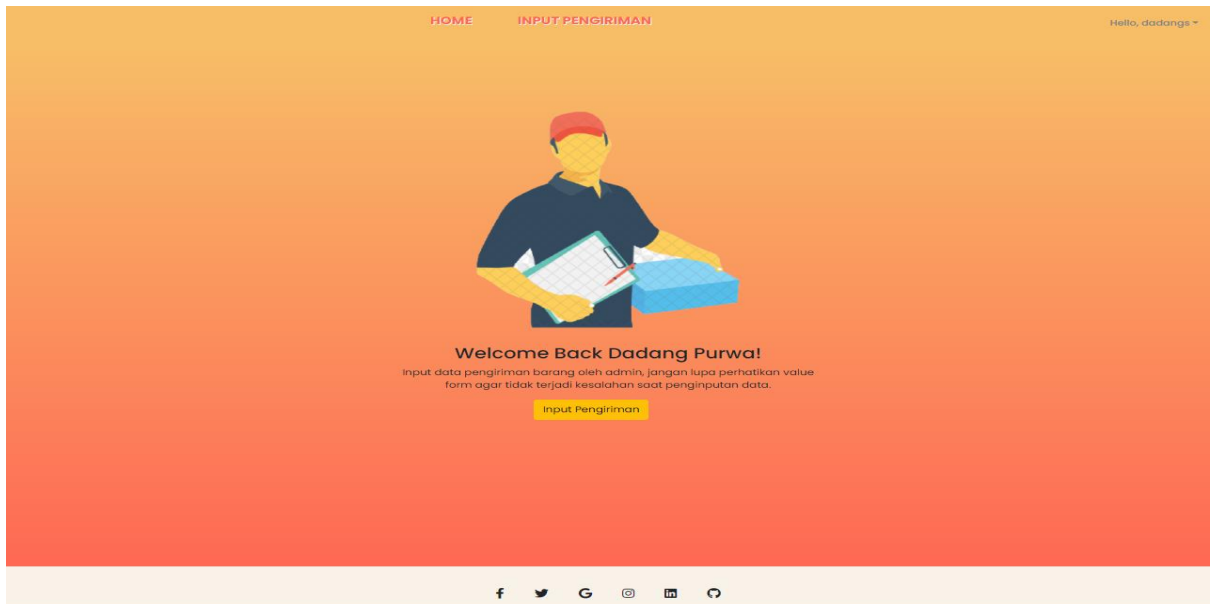
   • Input Pengiriman Page

     Kurir mengambil barang yang akan dibawa pada list "paket tersedia", jika kosong maka tiidak ada paket yang harus dibawa, untuk paket yang telah dibawa terdapat pada *list* "paket telah dibawa". Paket yang telah dibawa dapat dilakukan update status sesuai dengan kondisi status perjalanan.
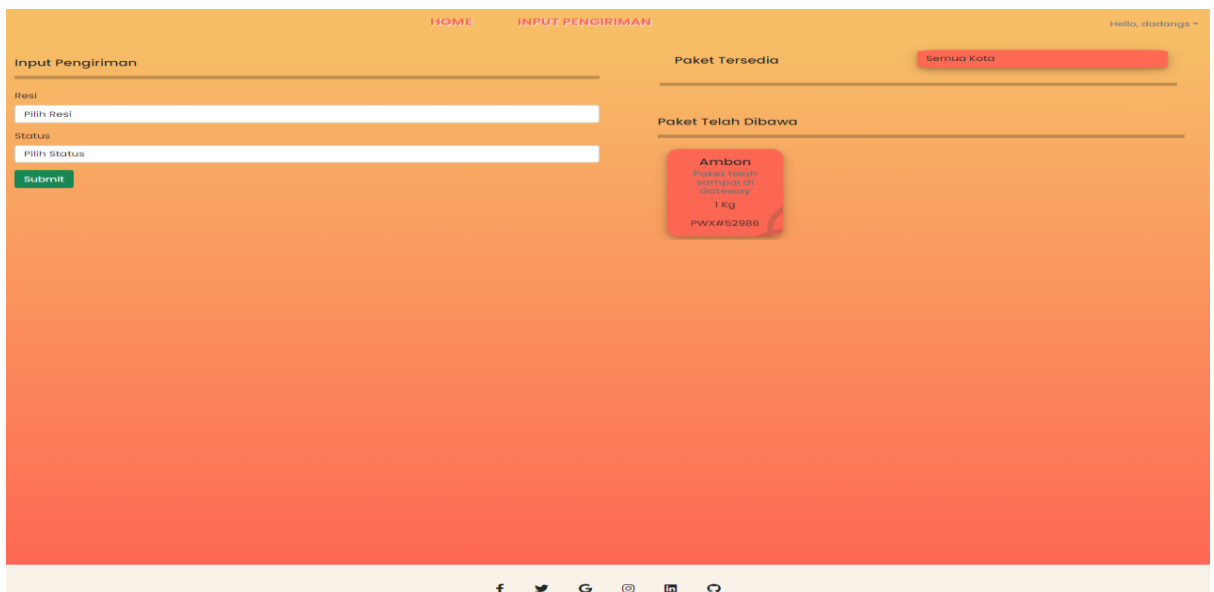

Figure 15 Halaman pengiriman dan update status

4. USER PAGE
   • Home Page

   Halaman awal role user setelah berhasil melakukan login.

Figure 16 Halaman awal login role sebagai user

- **Status Page**

  Halaman status, yang dimana user dapat cek barang yang sedang dalam perjalan, barang yang telah diterima, dan barang yang telah selesai dikonfirmasi.
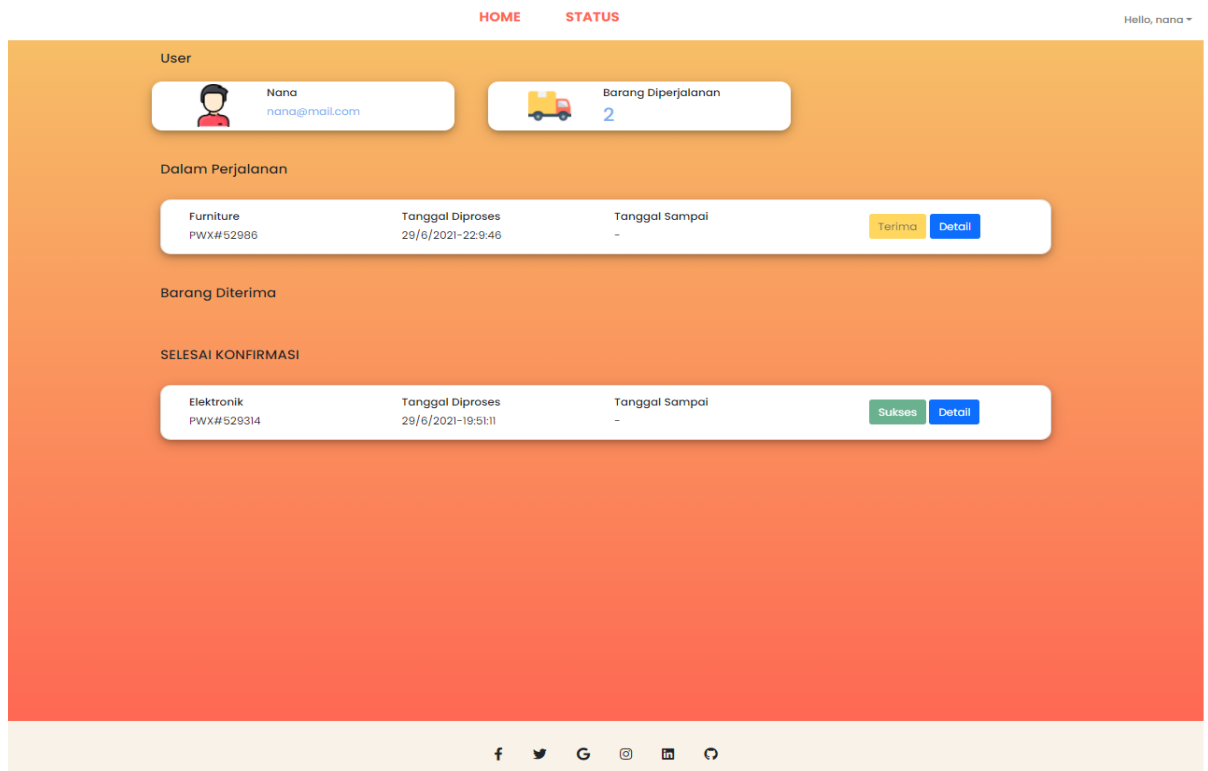
Figure 17 Halaman status user, konfirmasi penerimaan barang dan detail pengiriman

Sebelum selesai konfirmasi, user diharuskan melakukan konfirmasi dengan klik tombol terima, lalu akan ada modal yang muncul, user diharuskan melakukan tanda tangan digital sebagai bukti penerimaan barang, user juga dapat melihat detail barang yang dikirim dan telah diterima.

Hello, nana ▾

User

Nana
nana@mai...

Dalam Perjalanan

Furniture
PWX#52986

Barang Diterima

SELESAI KONFIRMASI

Elektronik
PWX#529314

Detail ✖

Purwa Express
Ekspedisi tercepat dan torpercaya
Jl. Kh Hasyim Ashari No.10000, Jakarta

Date :29/6/2021-19:51:11

Data Penerima

Data Pengirim
Nama Pengirim : Galih Rahagi
Kota Asal : 22

Nama Penerima : Mochamad Rakha
Kota Penerima : 151
Alamat : Komplek ga tau dimana mengapa no 15
No Telphone : 8112264420
Jenis Barang : Elektronik
Berat Barang : 3000
Nomor Resi : PWX#529314
Harga Pengiriman : 33000

Status

Paket diproses
Paket telah sampai di Gateway 22
Paket akan dikirimkan ke Gateway 151
Paket telah sampai di Gateway 151
Paket akan dirkirim ke alamat penerima Komplek ga tau dimana mengapa no 15
Paket telah diterima oleh Mochamad Rakha

Tanda Tangan