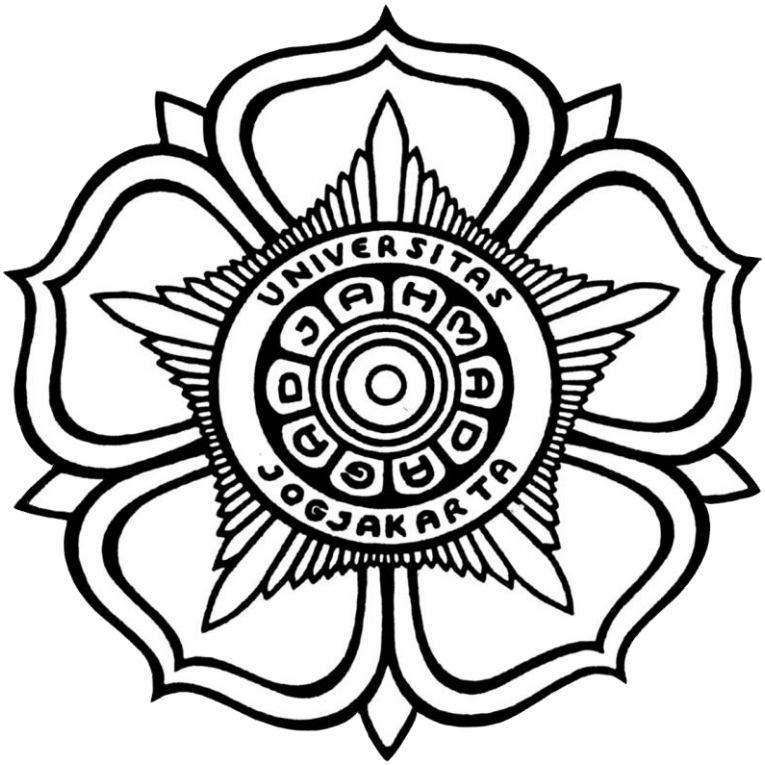
LAPORAN PROJECT AKHIR

PRAKTIKUM TIK



Disusun oleh :

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3. Bramantyo Wahyu Kuncoro (19/447113/SV/16832)
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5. Zaenal Muttaqin (19/447129/SV/16848)

ARM 1

DEPARTEMEN TEKNIK MESIN SEKOLAH VOKASI

UNIVERSITAS GADJAH MADA

YOGYAKARTA

2021

PROJECT 6

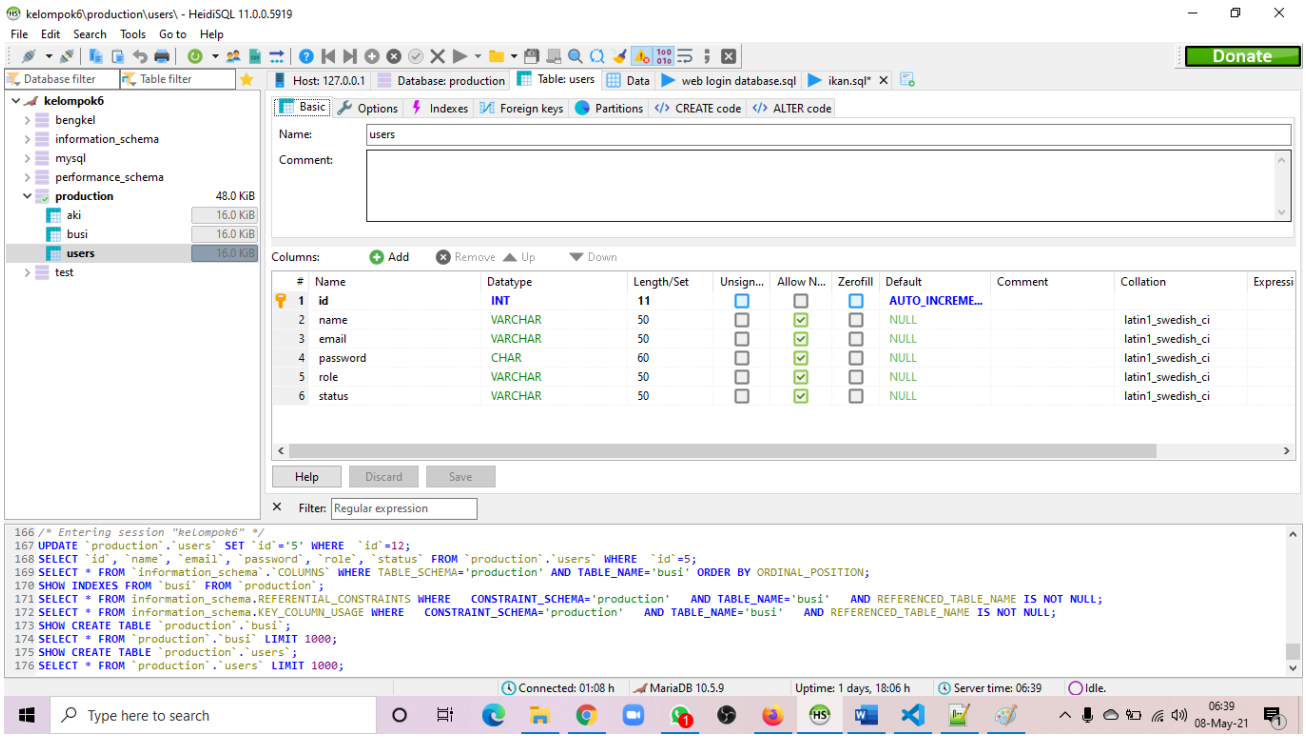
SOAL

Soal 6
Dashboard Production Control System
- input product from plant to database (automatic by system)
- proses bisnis Production Control : monitoring production whether in performance or under perfomance based on goal target production
- tabel hrs ada kolom datetime/timestamp (utk pencatatan waktu/tanggal inputan data)
- report production vs goal target + chart

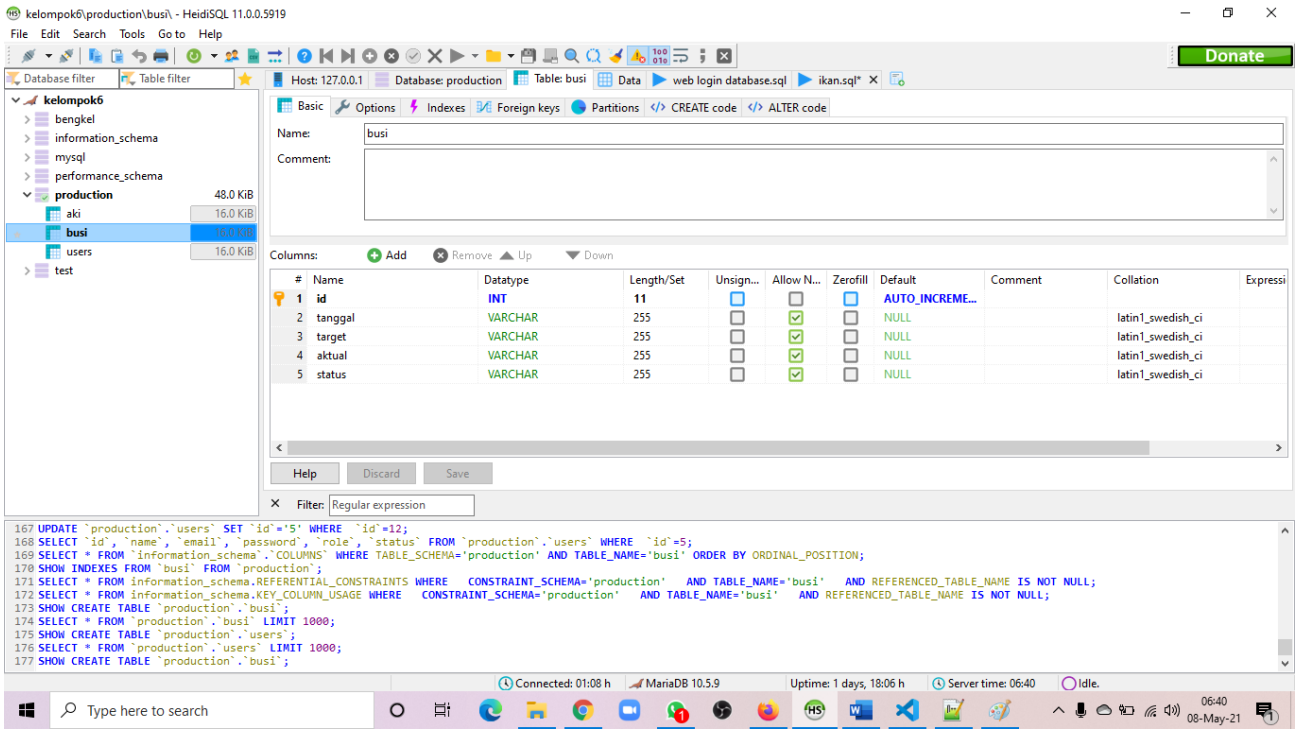
TAHAPAN PROSES

1. Membuat database menggunakan MySQL yang berisikan tabel users, busi, dan aki.

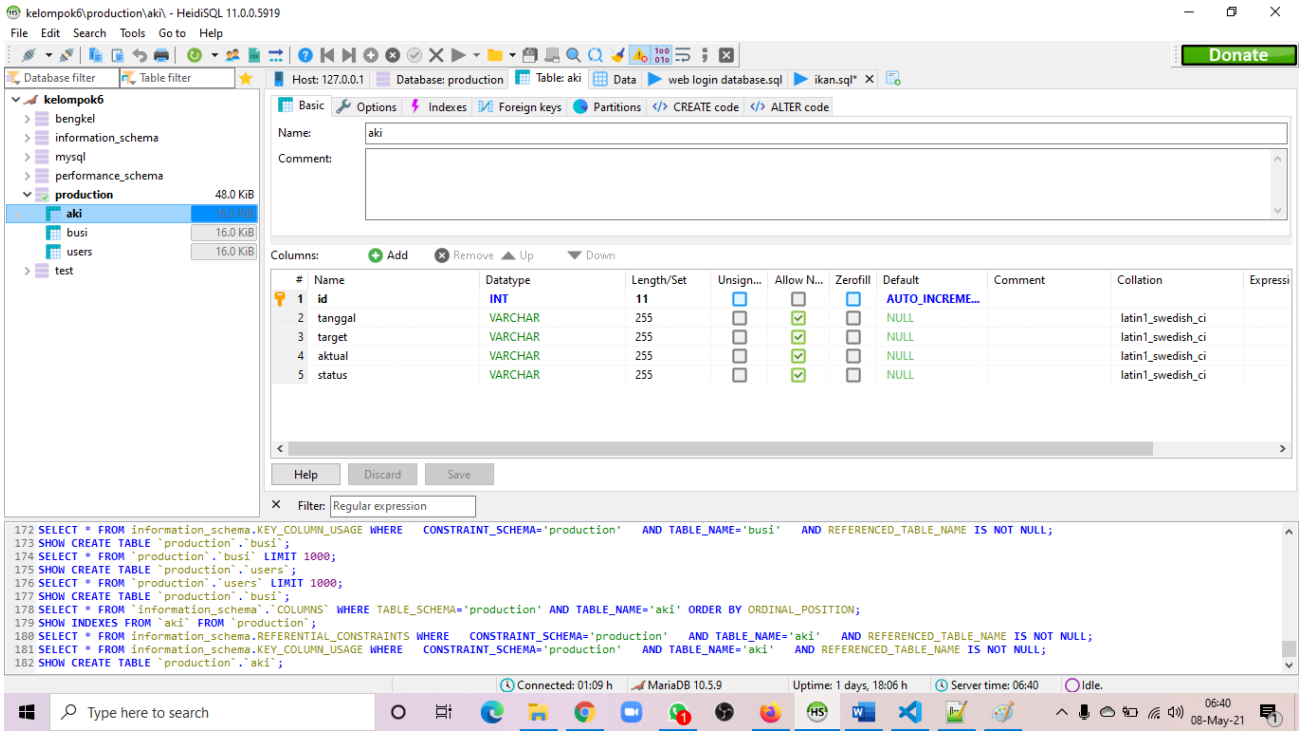
- Tabel users



Tabel Busi

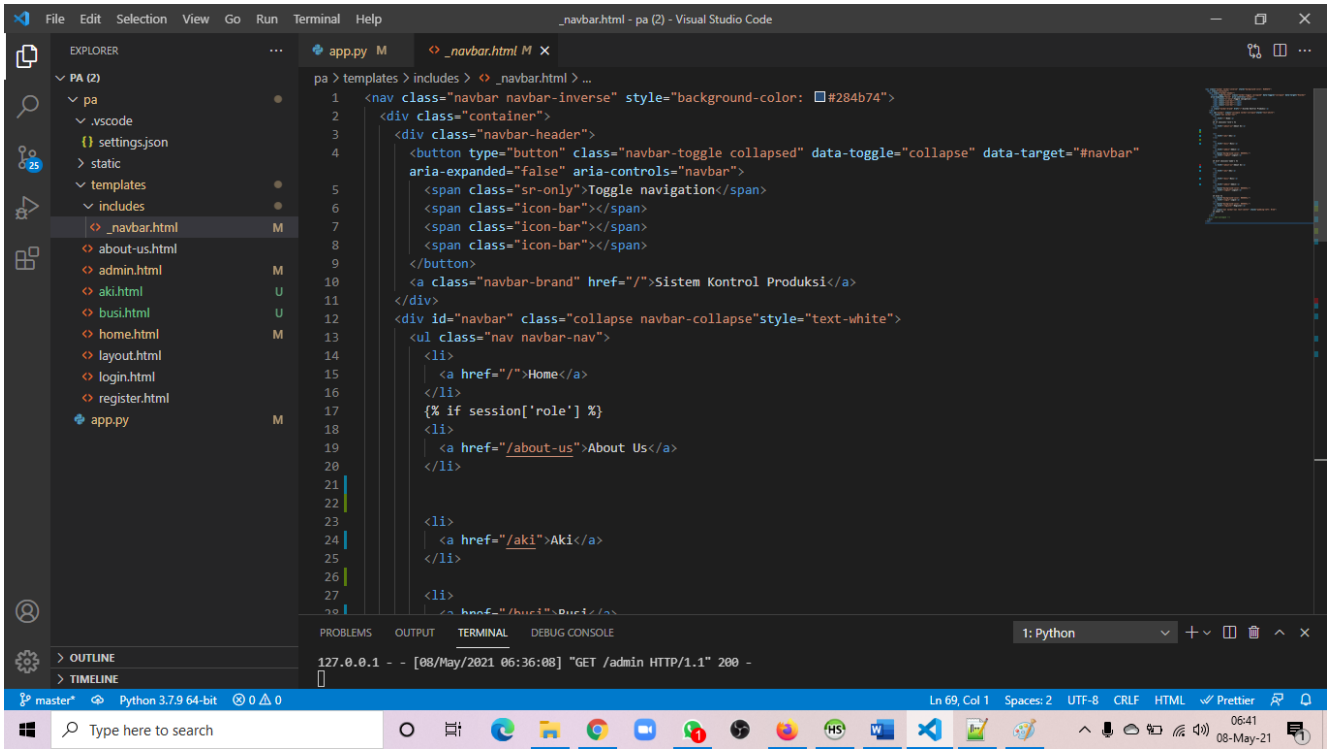


Tabel Aki

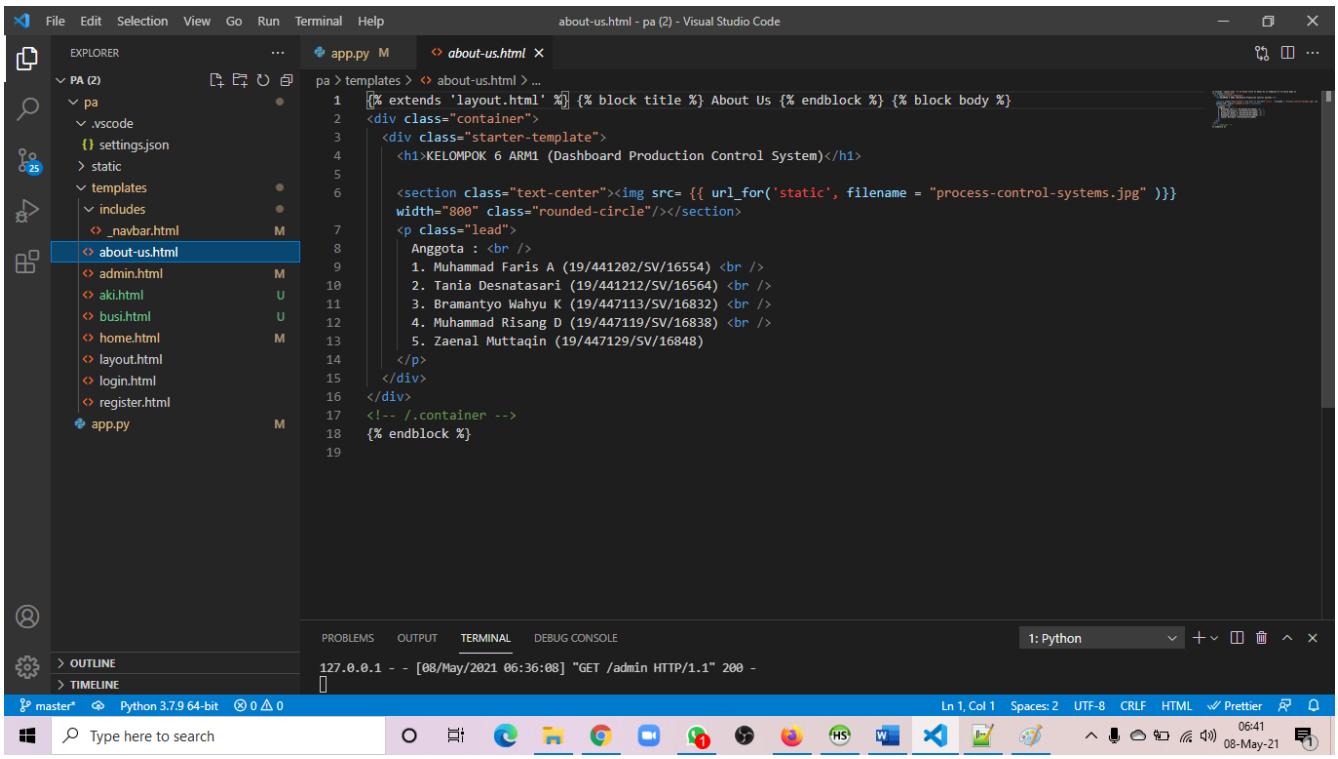


2. Selanjutnya membuat front end, back end, dan simulator web html melalui Visual Studio Code.

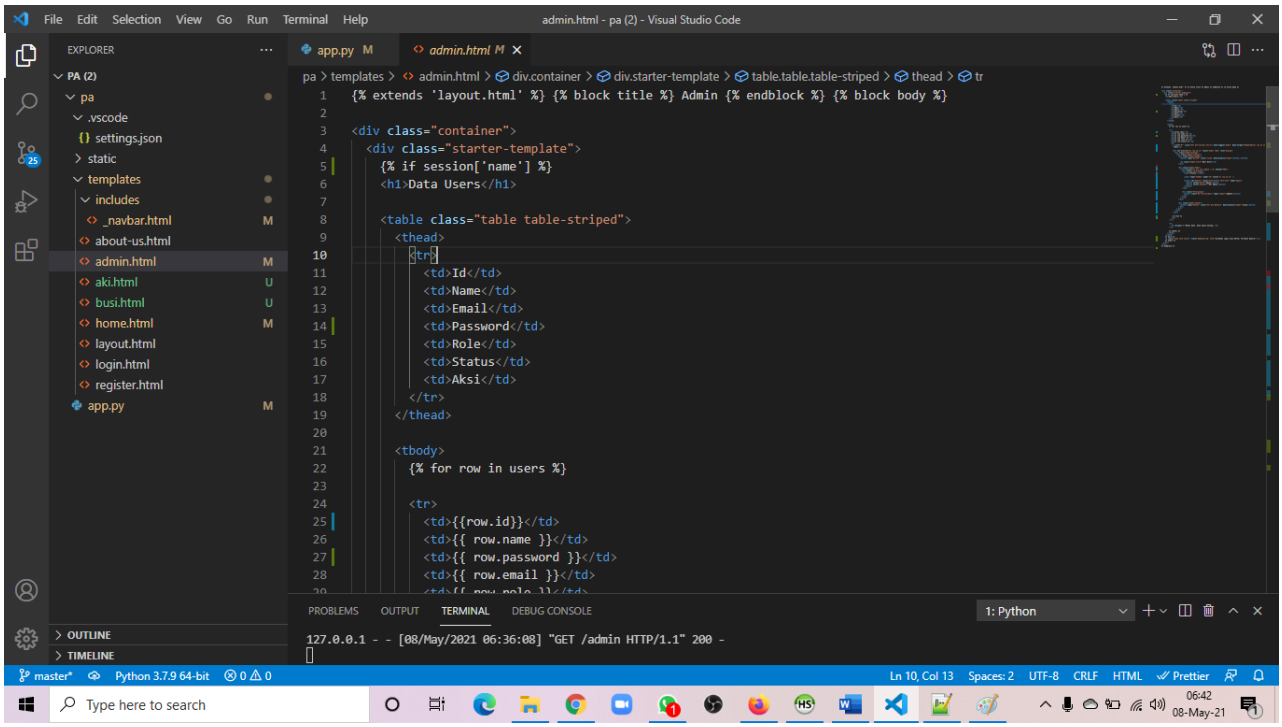
- _navbar.html



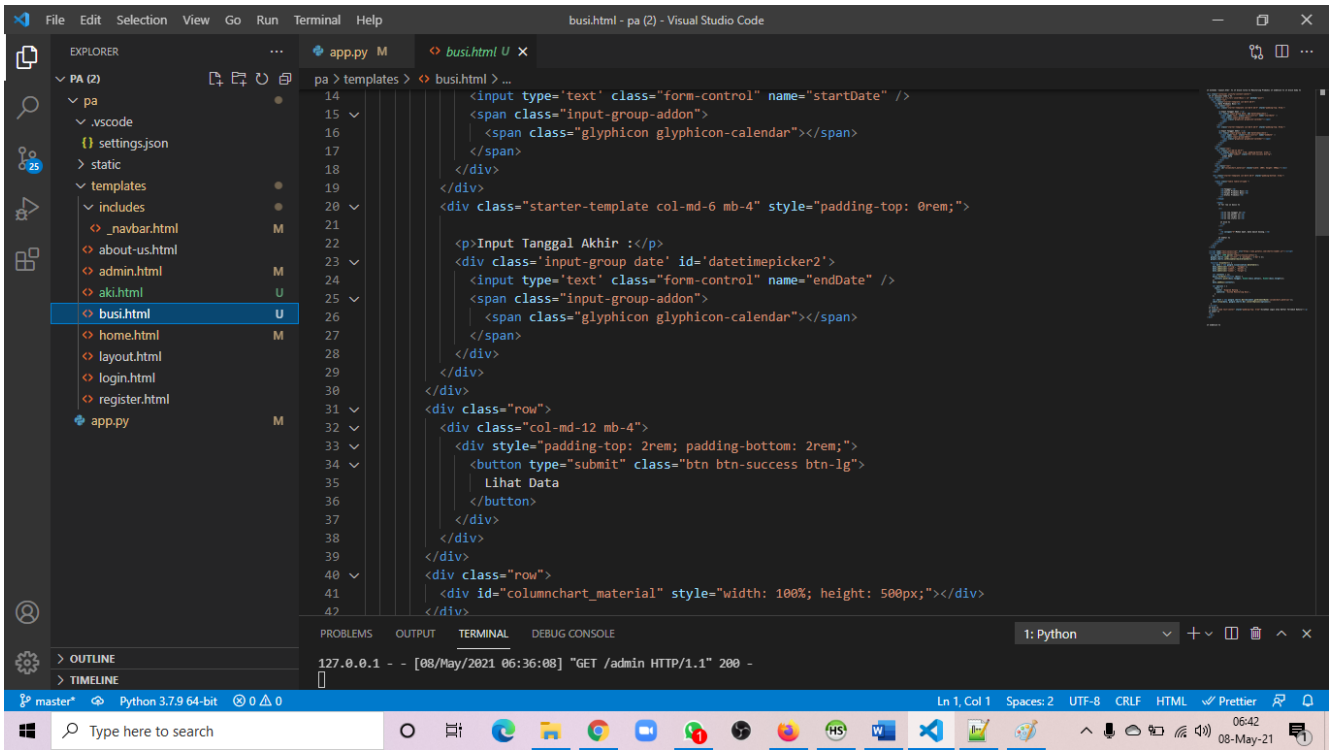
- about-us.html



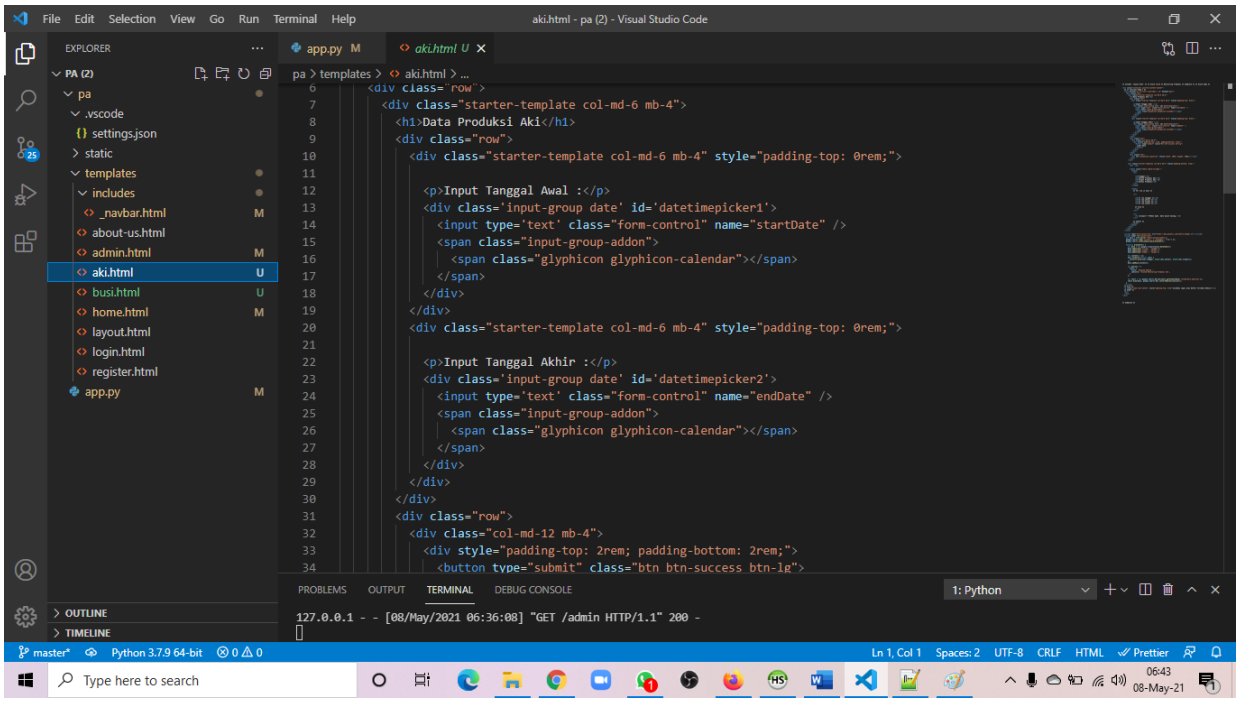
admin.html



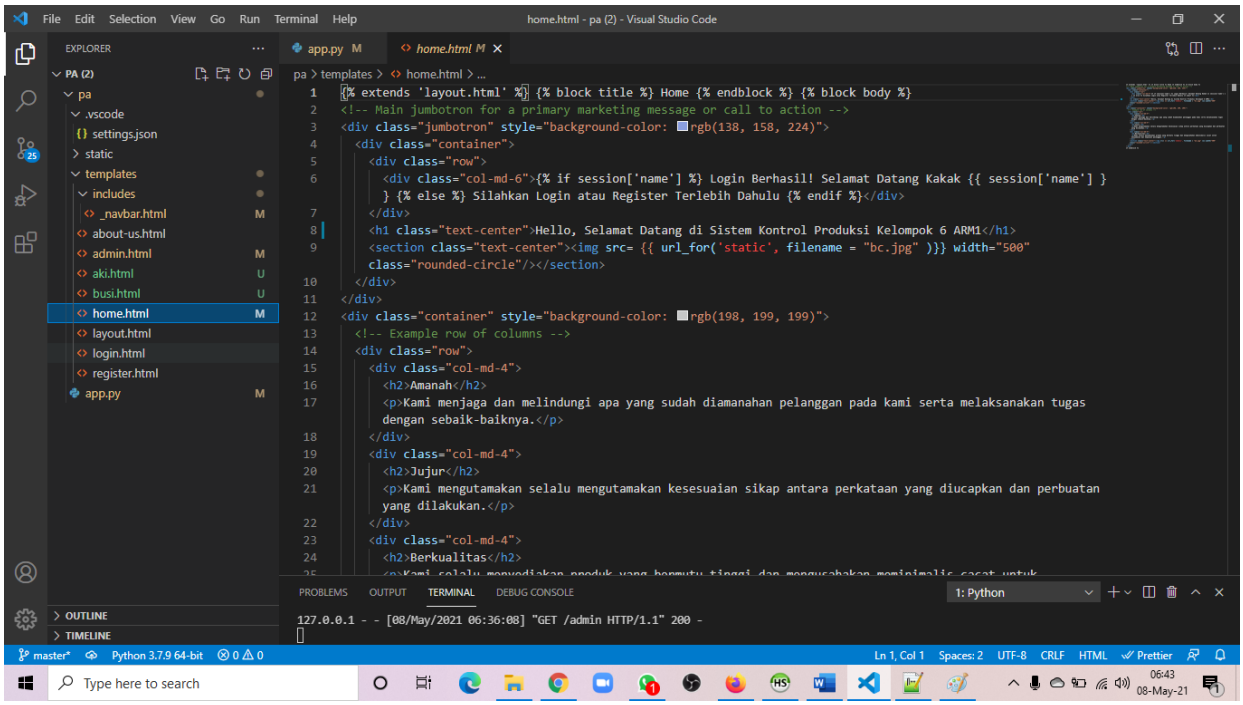
busi.html



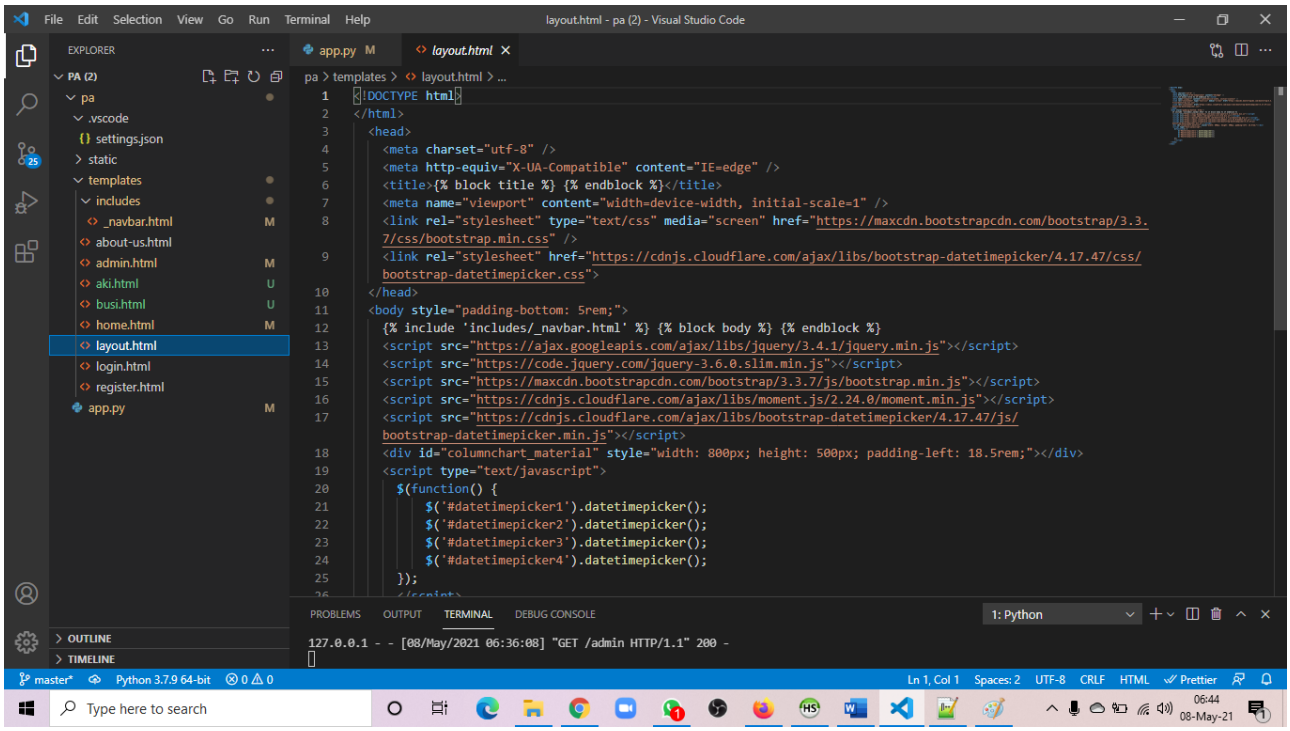
aki.html



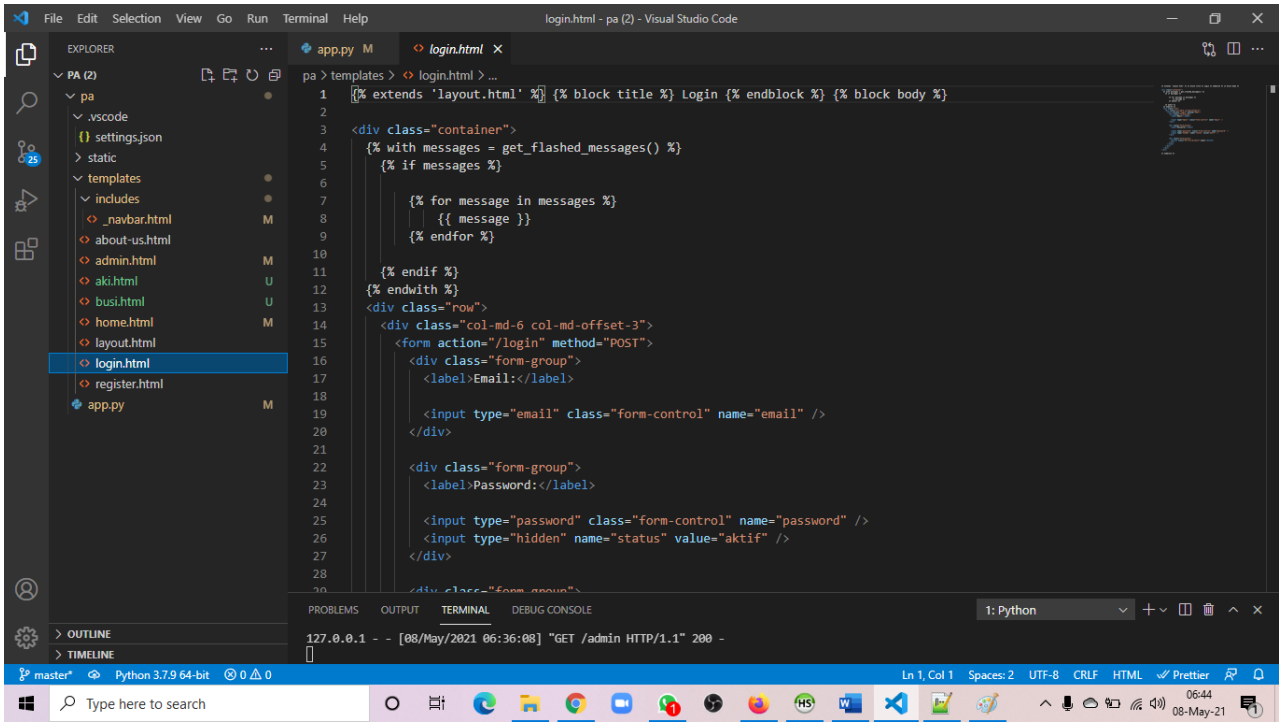
home.html



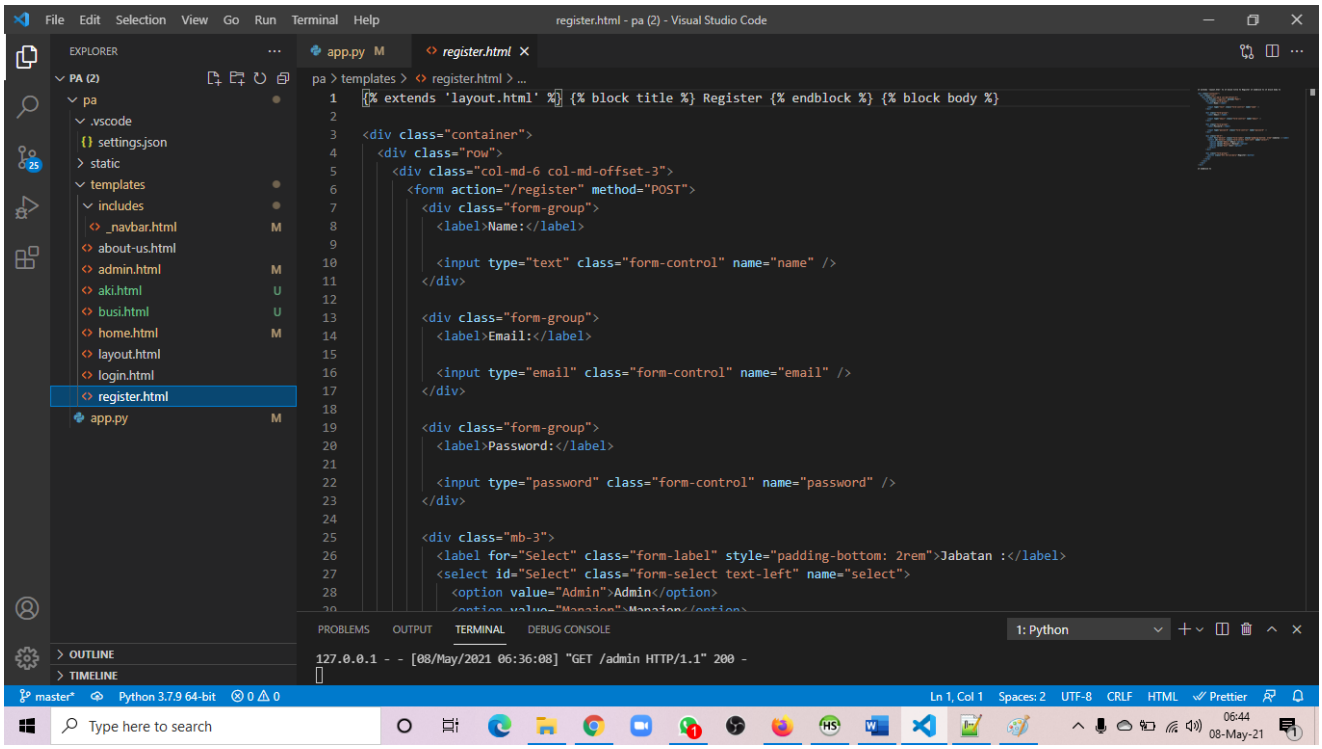
layout.html



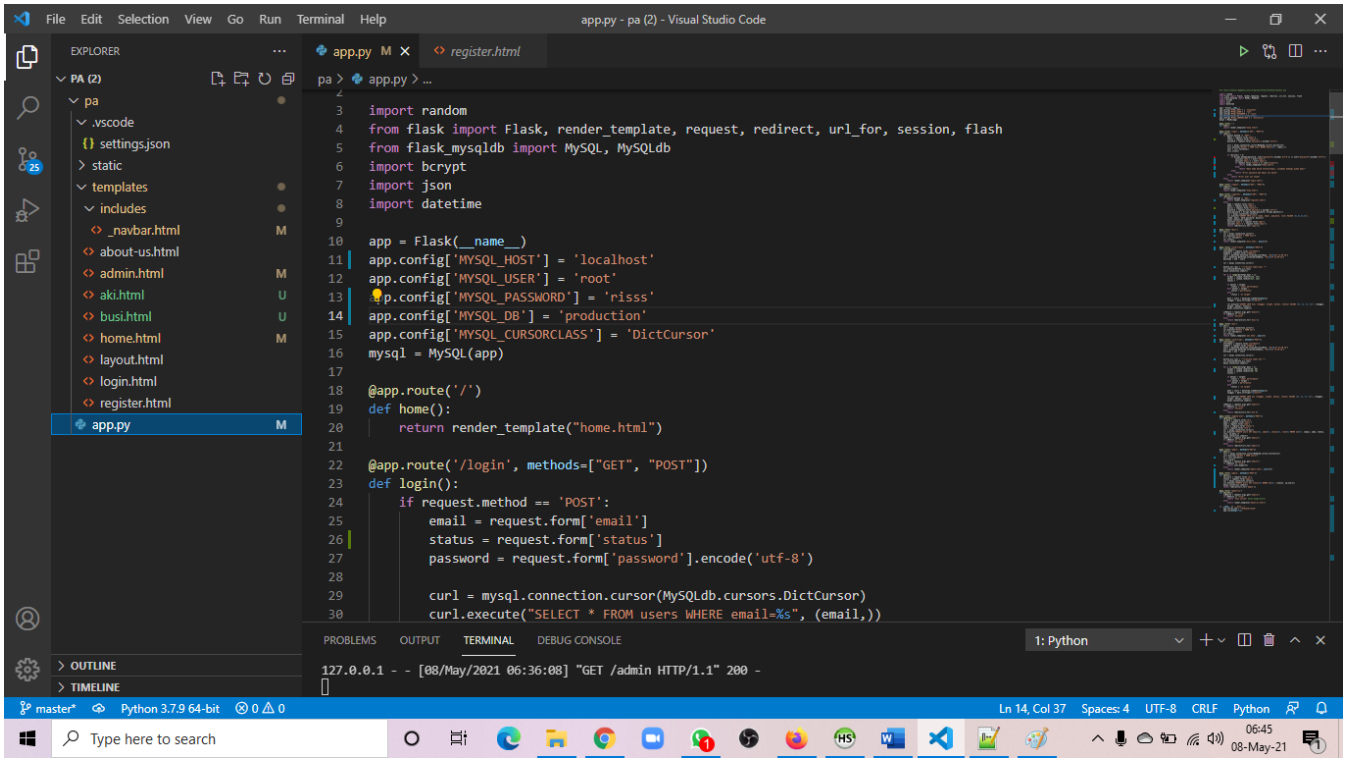
login.html



register.html



app.py



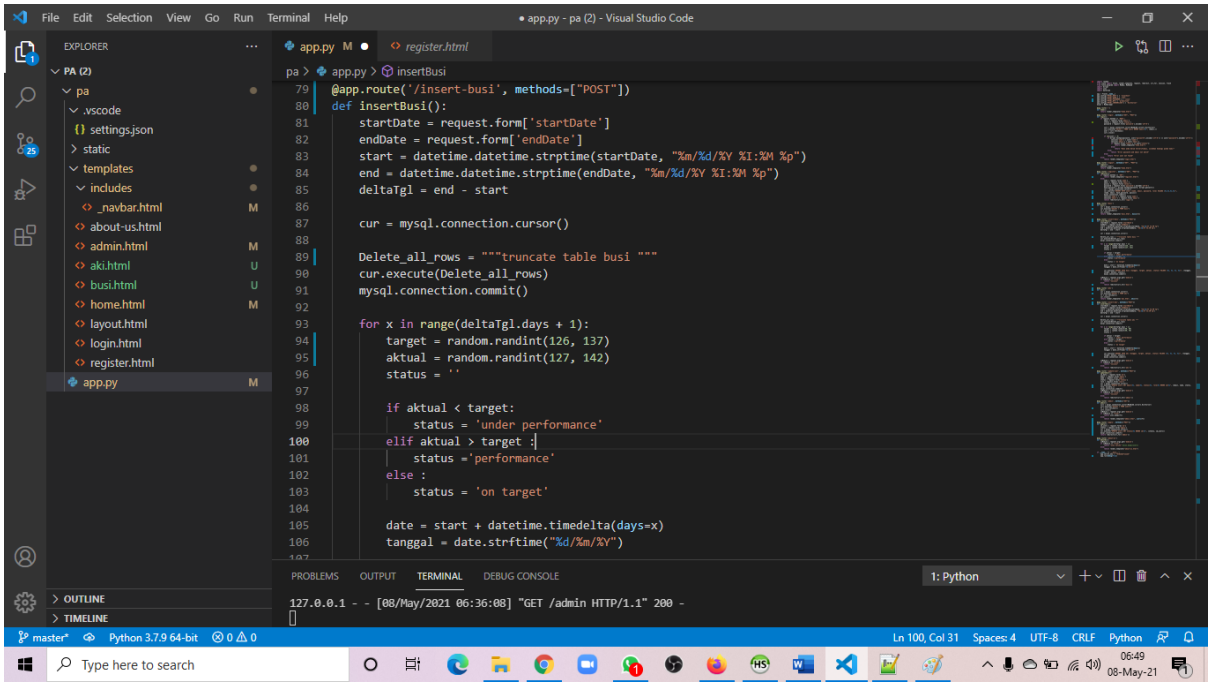
- Membuat kodingan simulator

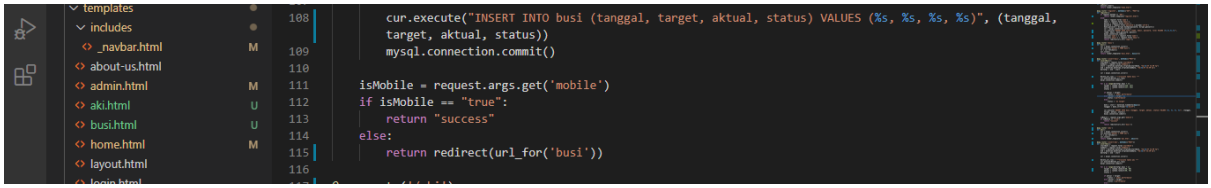
```
for x in range(deltaTgl.days + 1):
        target = random.randint(126, 137)
        aktual = random.randint(127, 142)
        status = ''

        if aktual < target:
            status = 'under performance'
        elif aktual > target :
            status ='performance'
        else :
            status = 'on target'

        date = start + datetime.timedelta(days=x)
        tanggal = date.strftime("%d/%m/%Y")
```

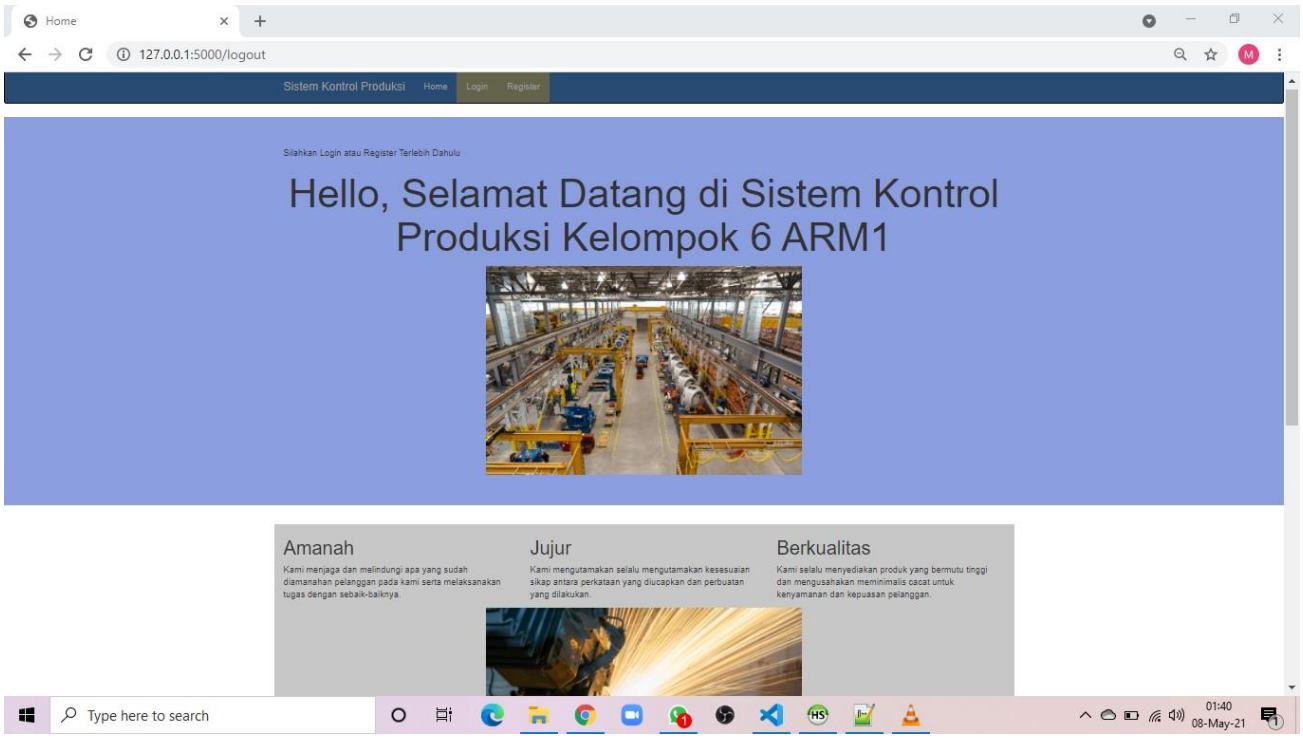
- Menggabungkan kodingan simulator dengan back end



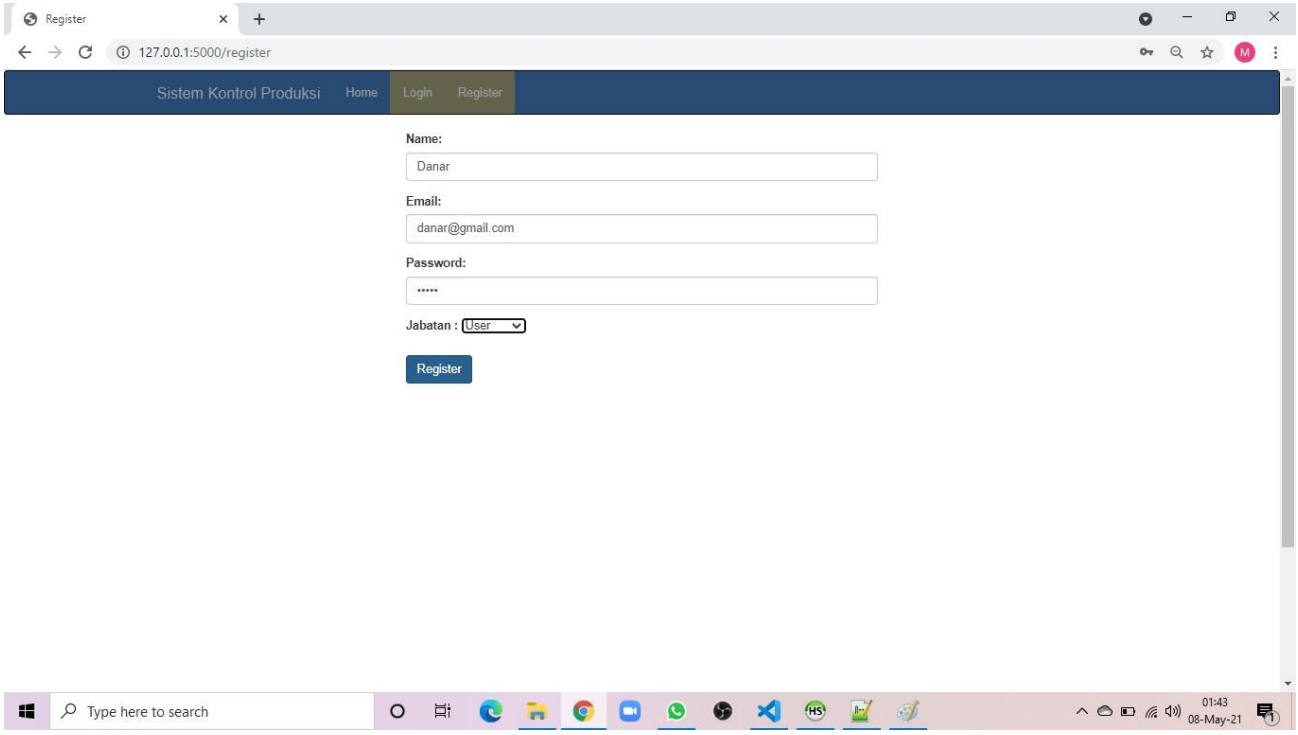


Tampilan WEB

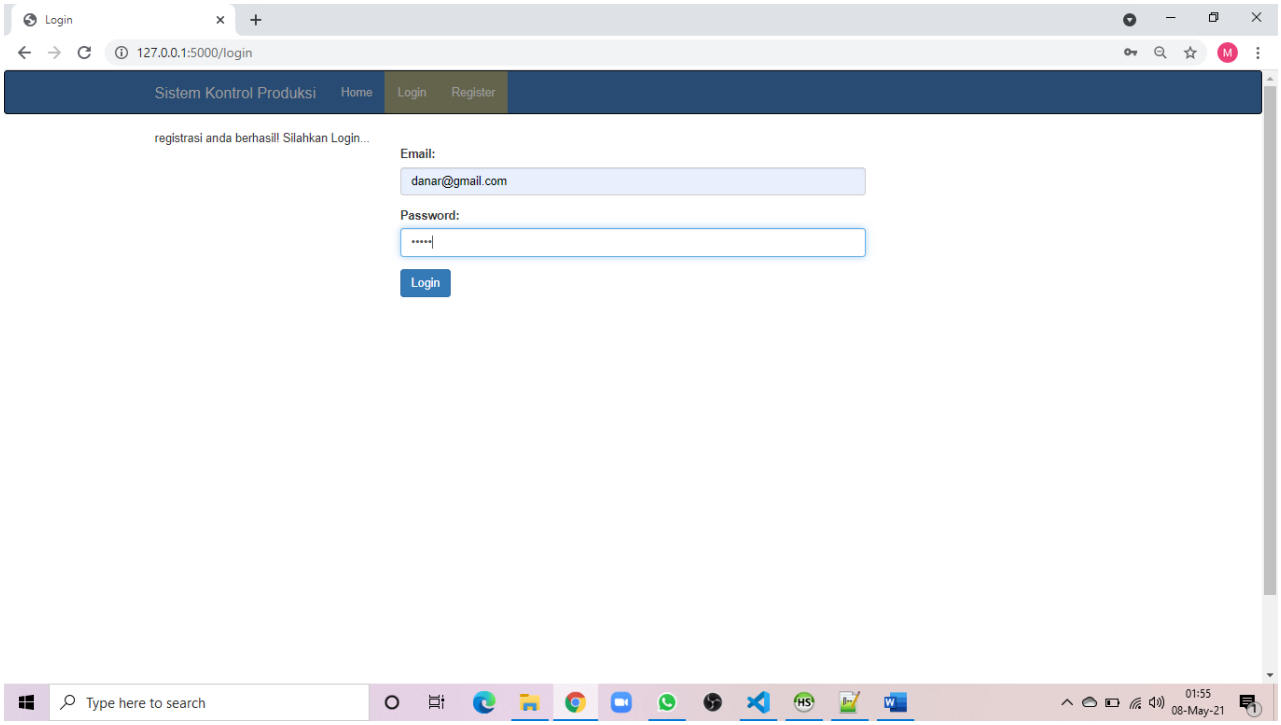
- Tampilan pada **home** sebelum login



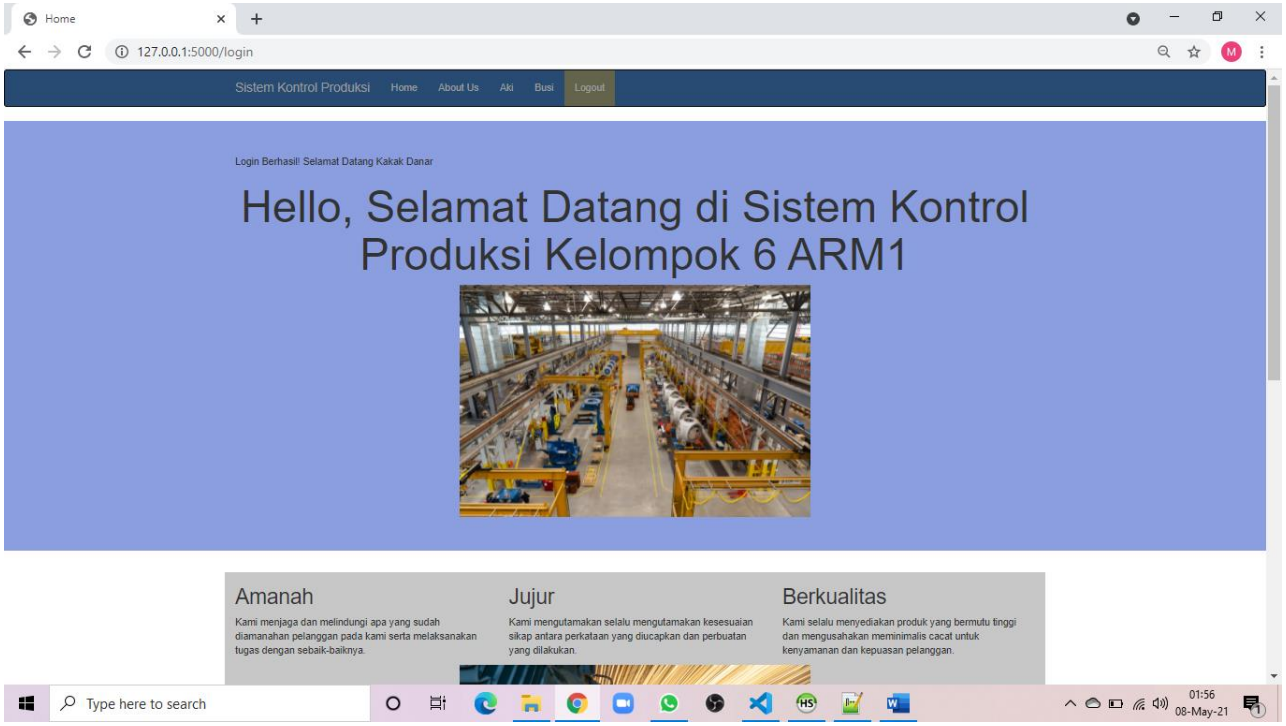
- Tampilan pada **register**



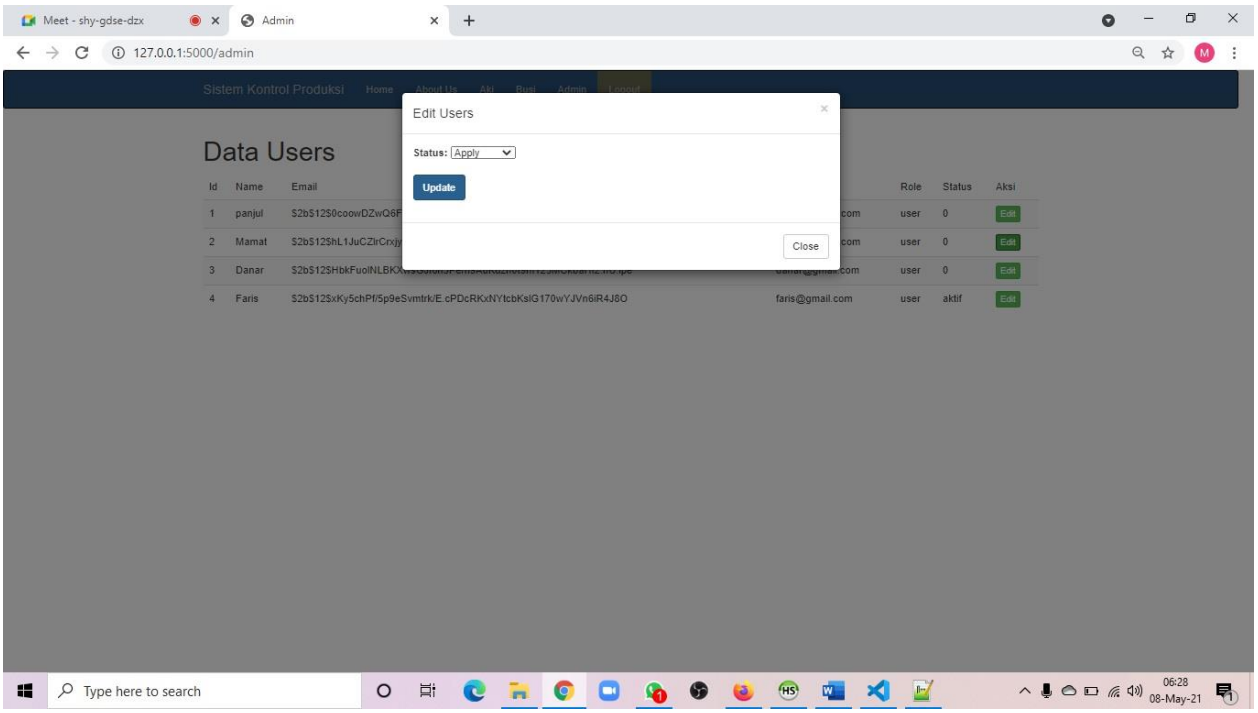
- Tampilan pada **login** jika akun sudah di approve oleh admin

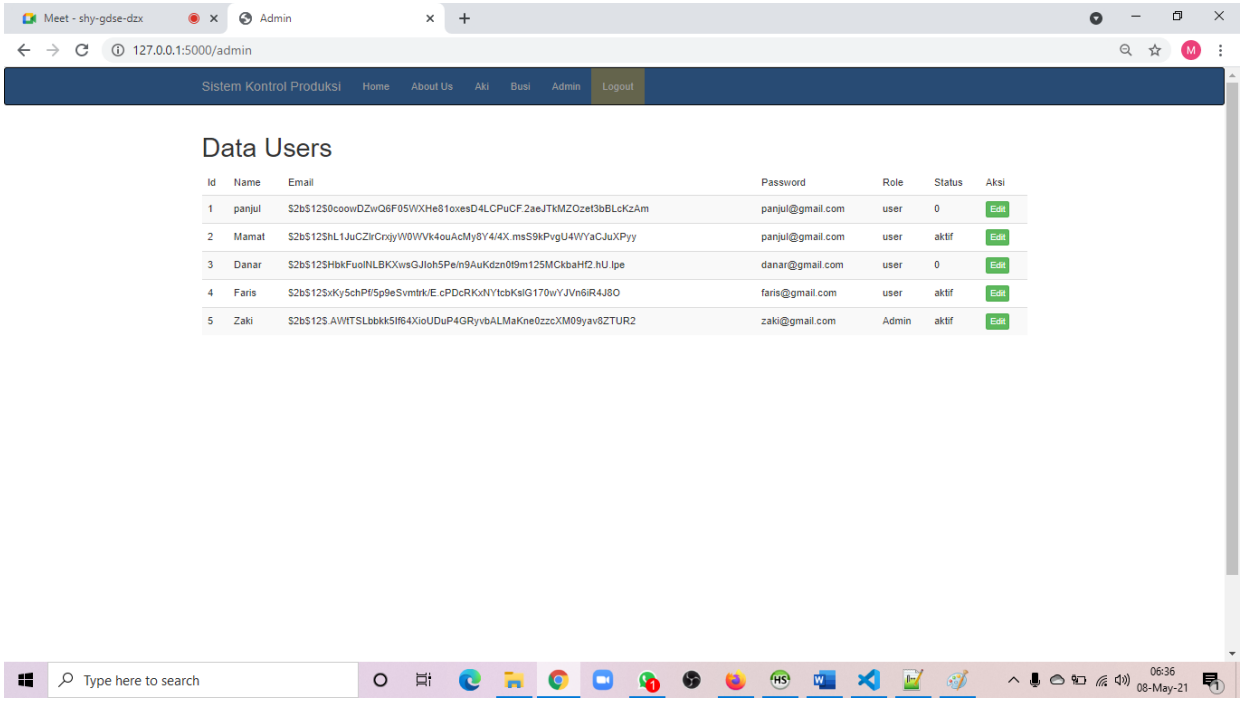


- Tampilan pada **home** setelah login

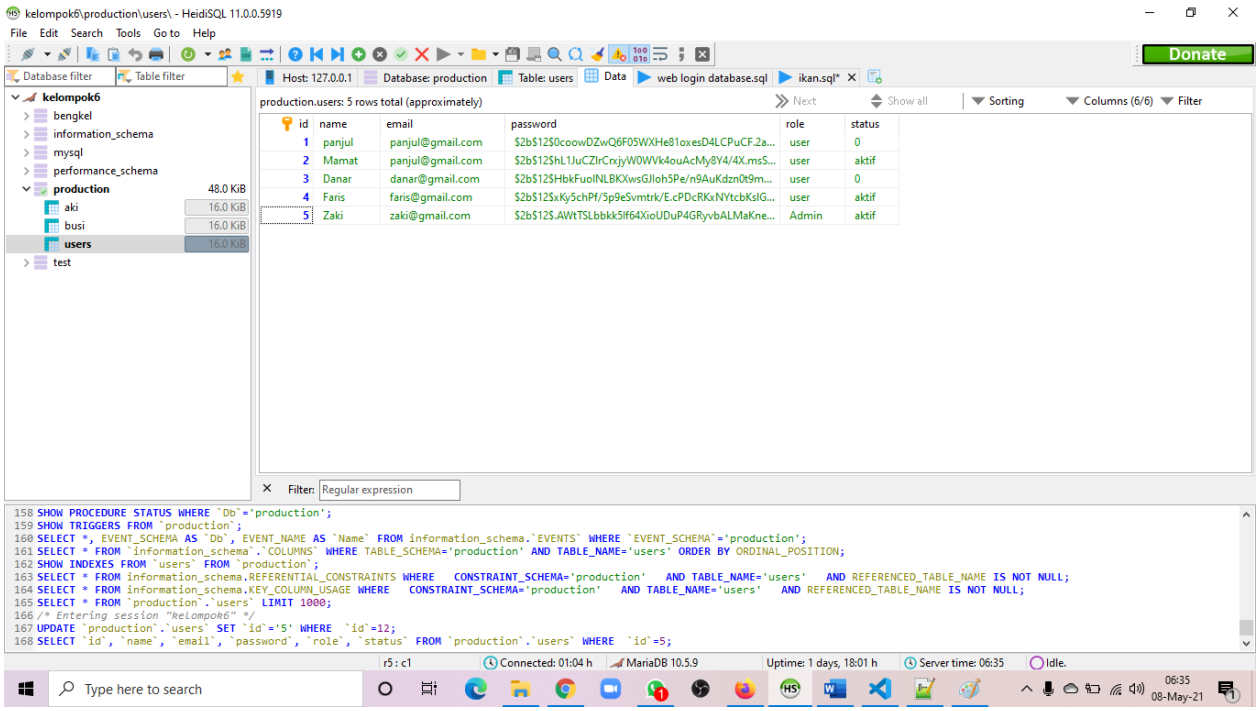


- Tampilan pada **admin**

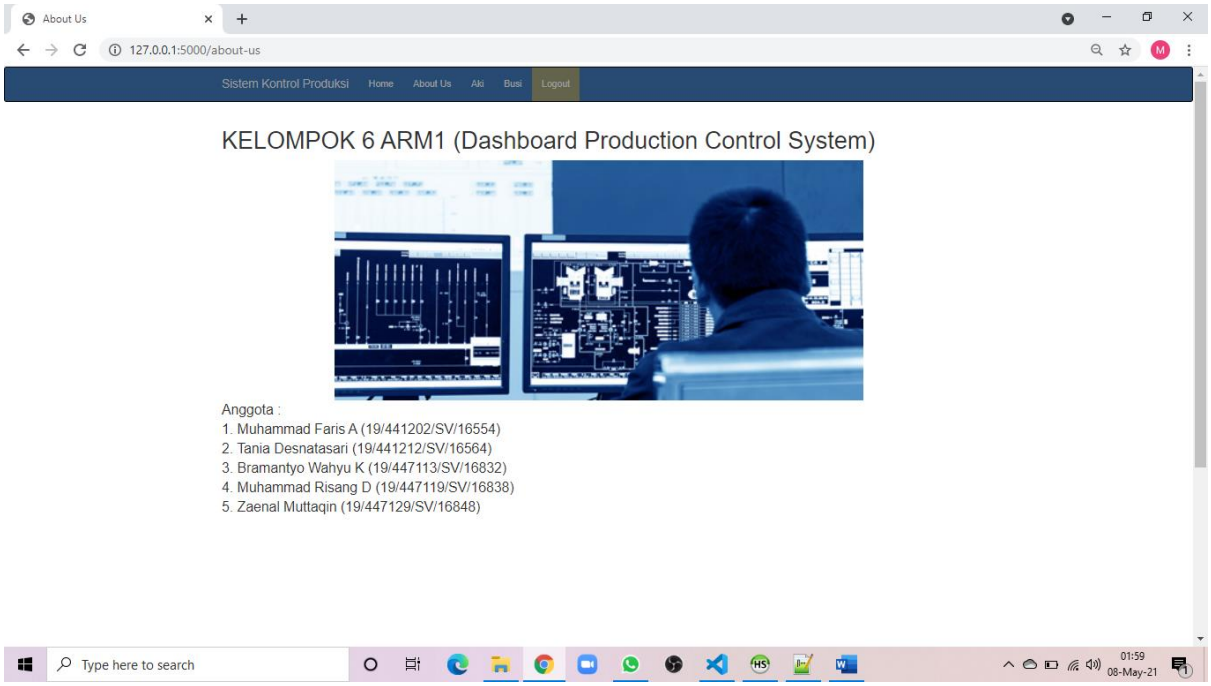




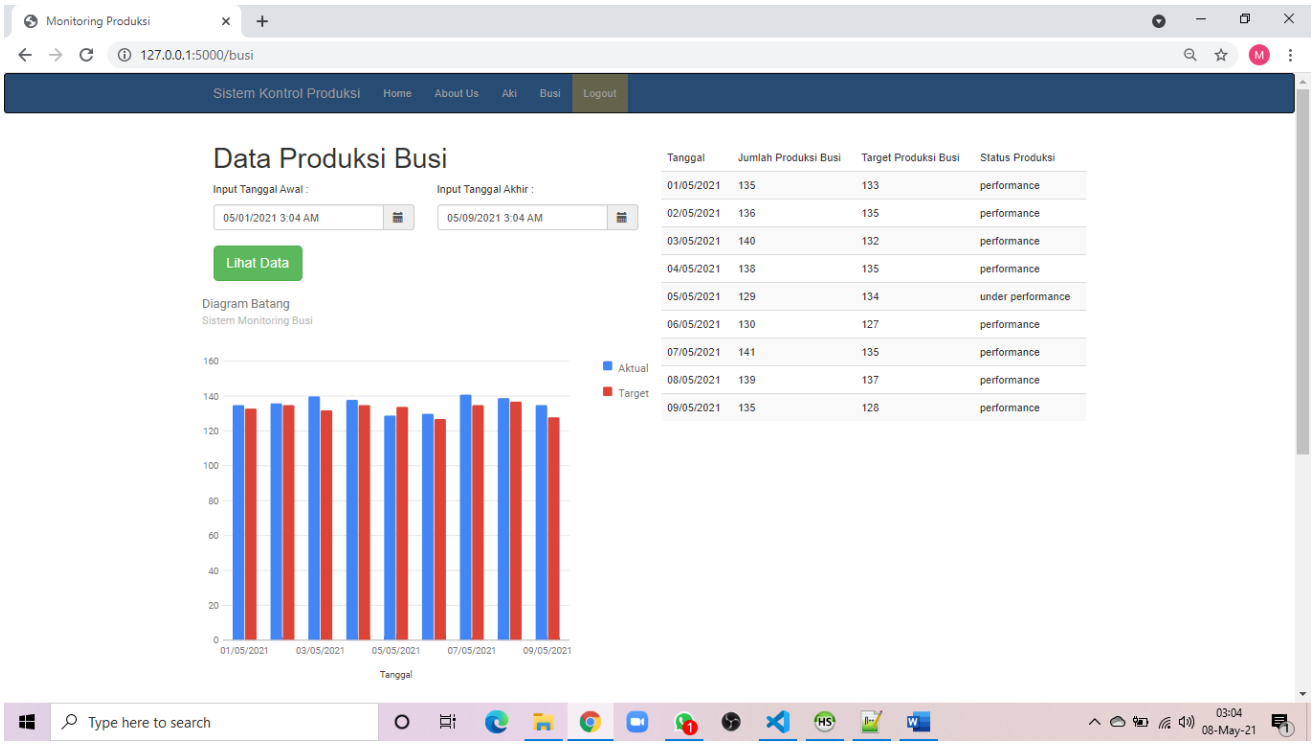
Data ter-input masuk ke dalam database



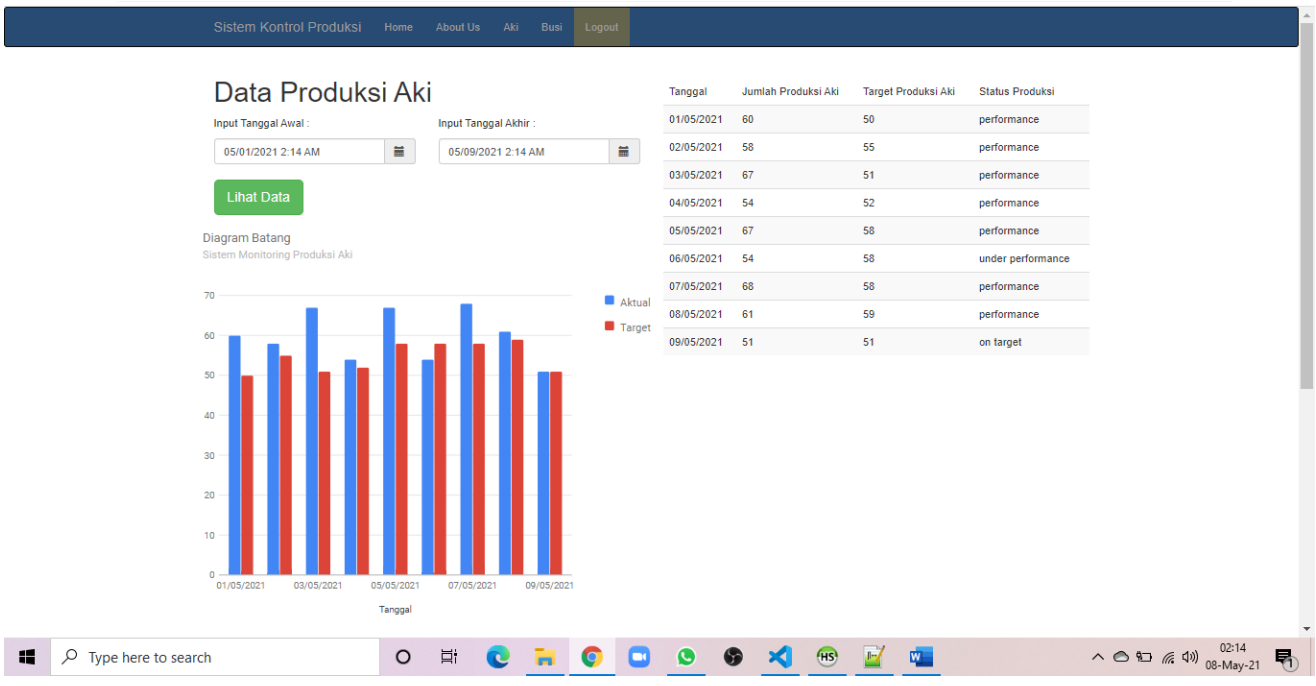
- Tampilan pada **about us**



- Tampilan pada **Busi**

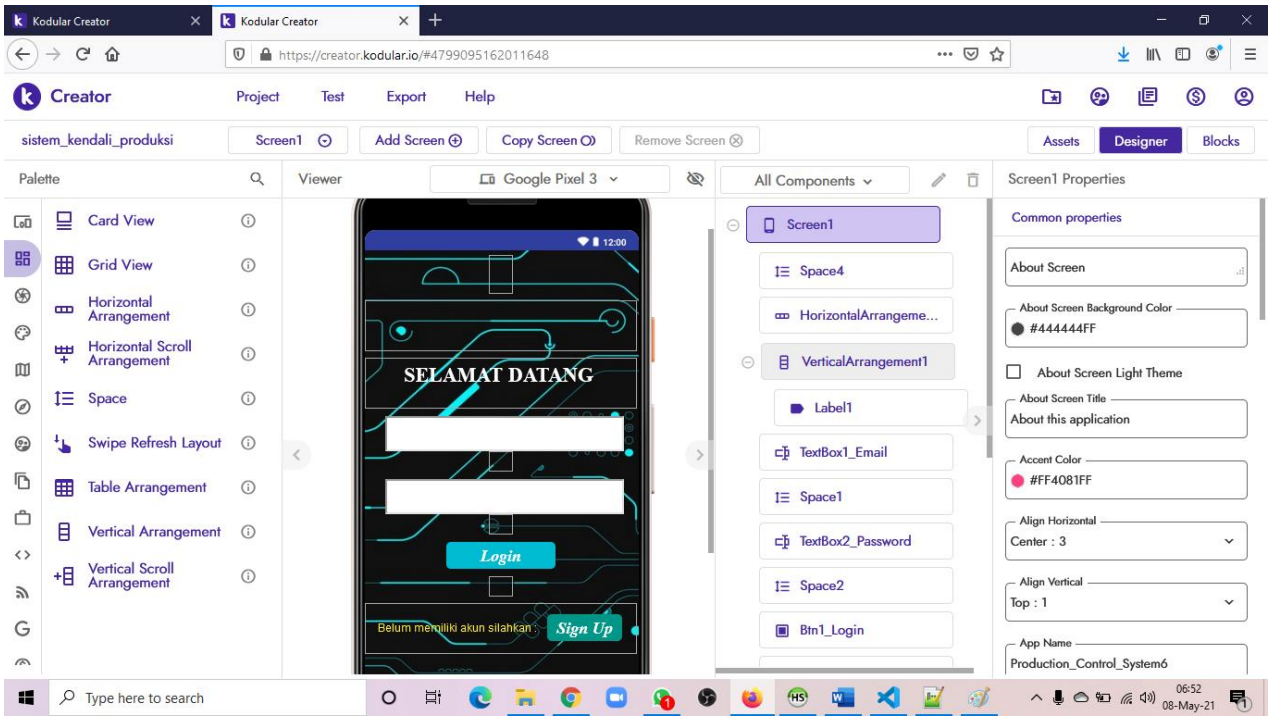


- Tampilan pada **aki**

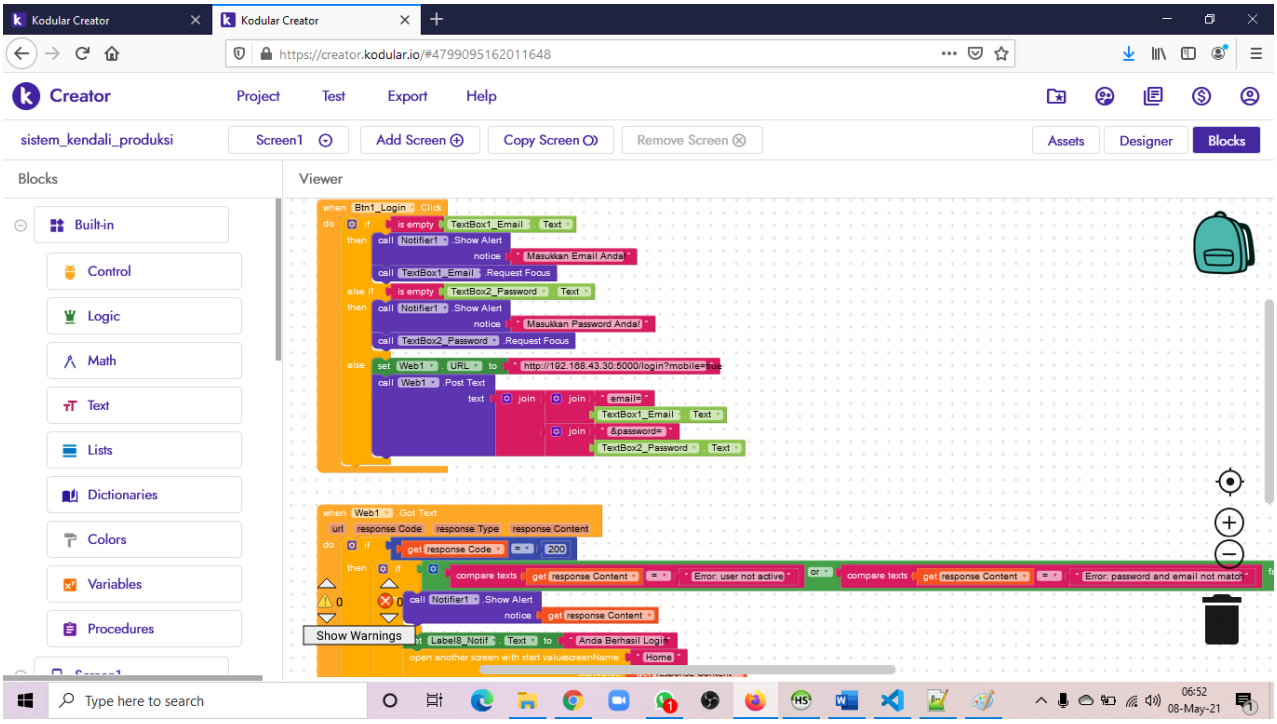


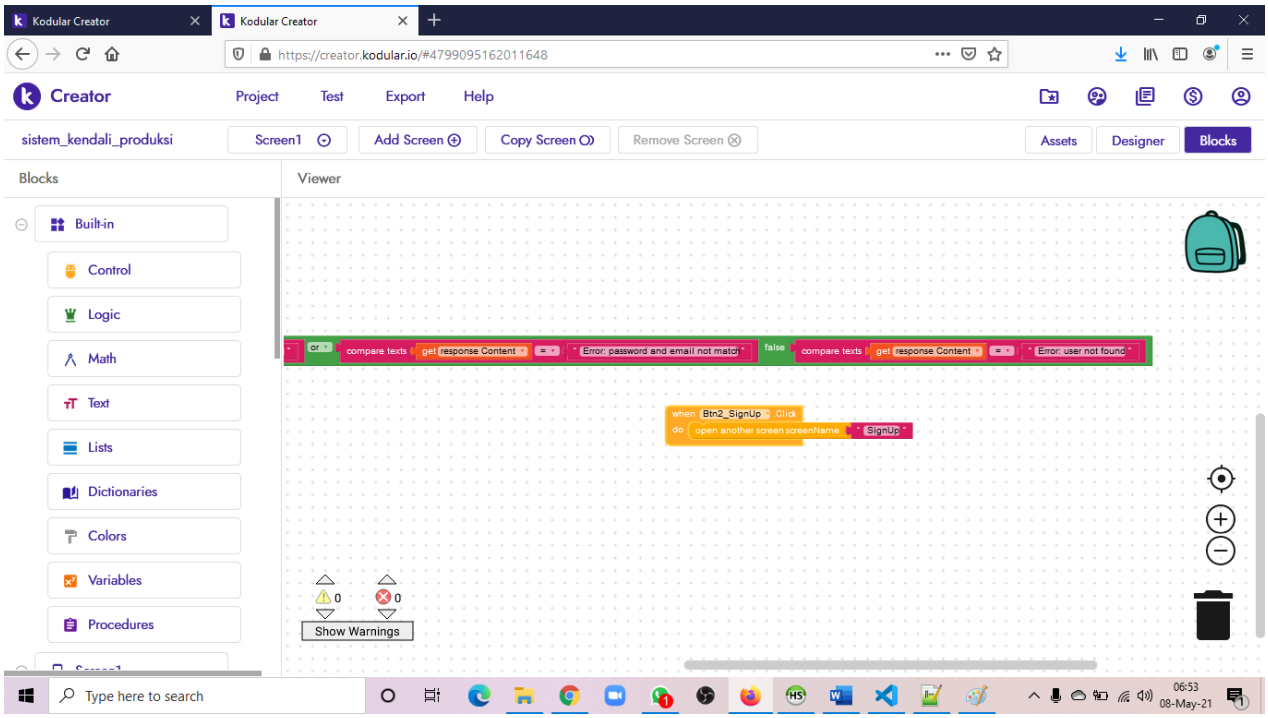
3. Membuat mobile apps dengan kodular

- Desain screen 1 (login)

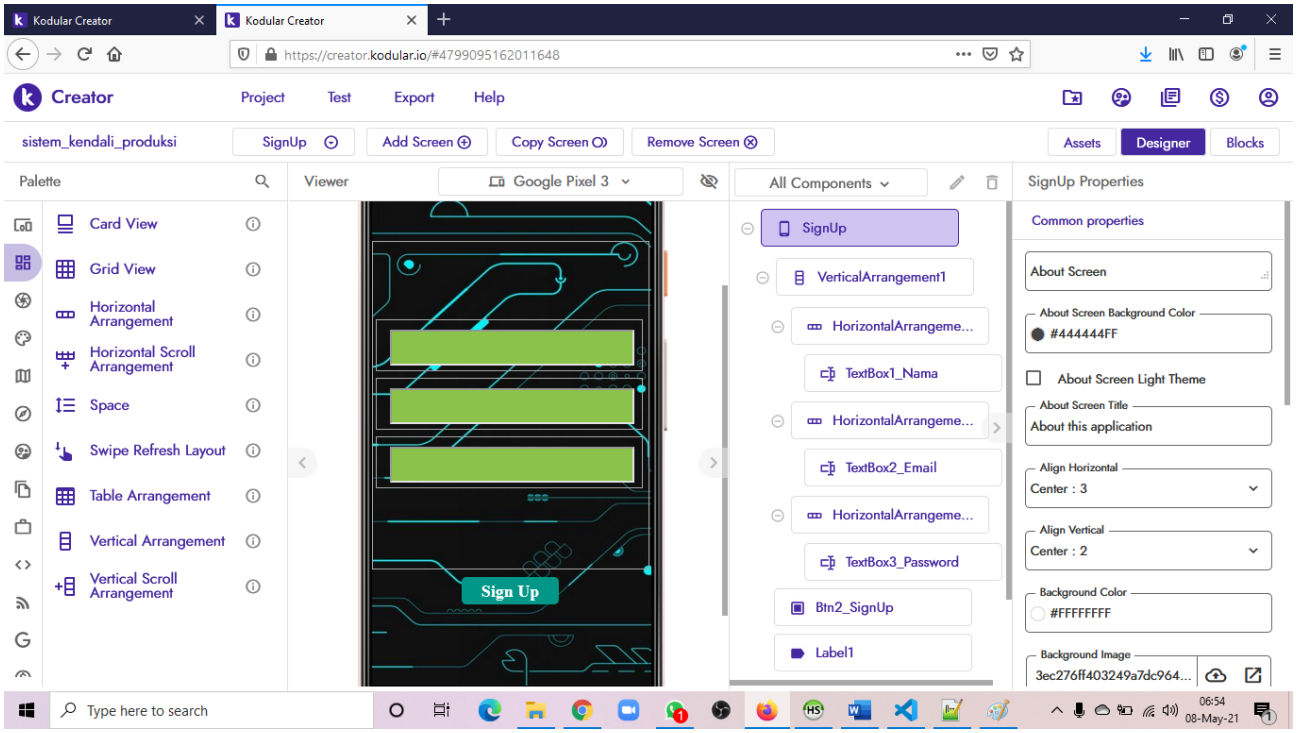


- Blocks pada screen 1

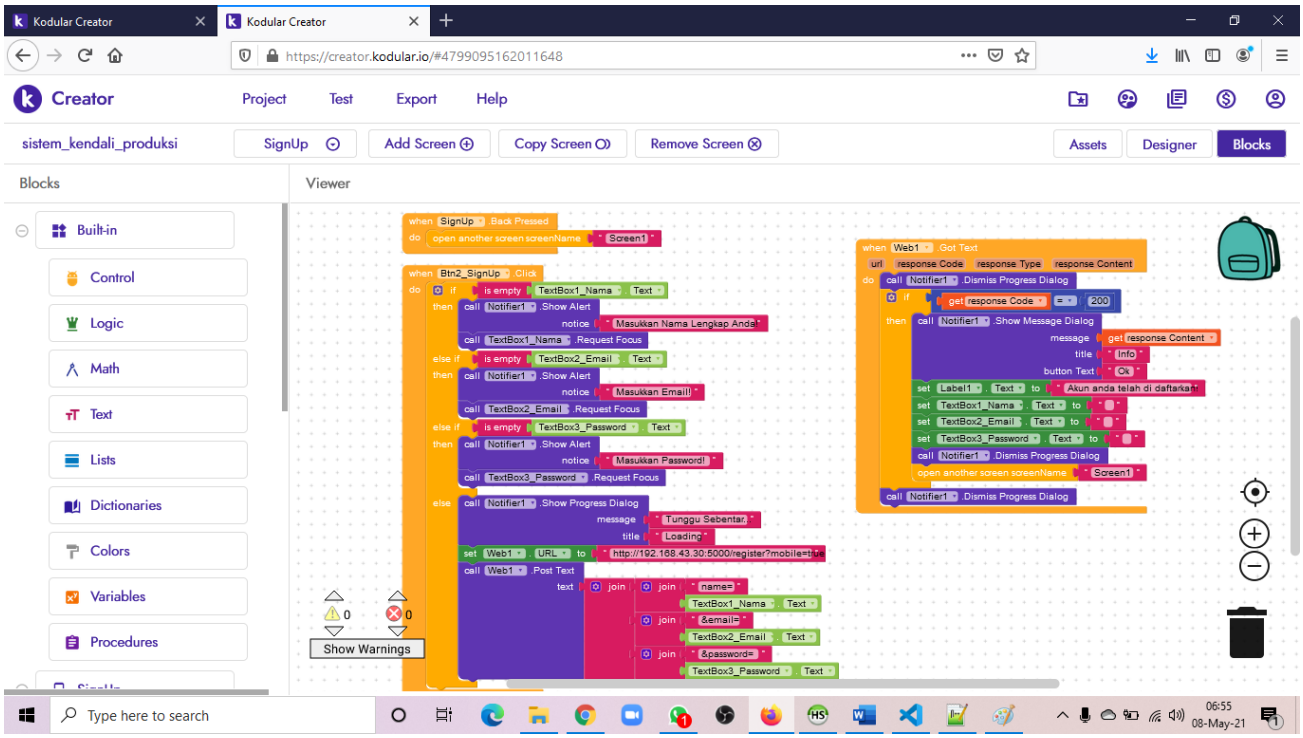




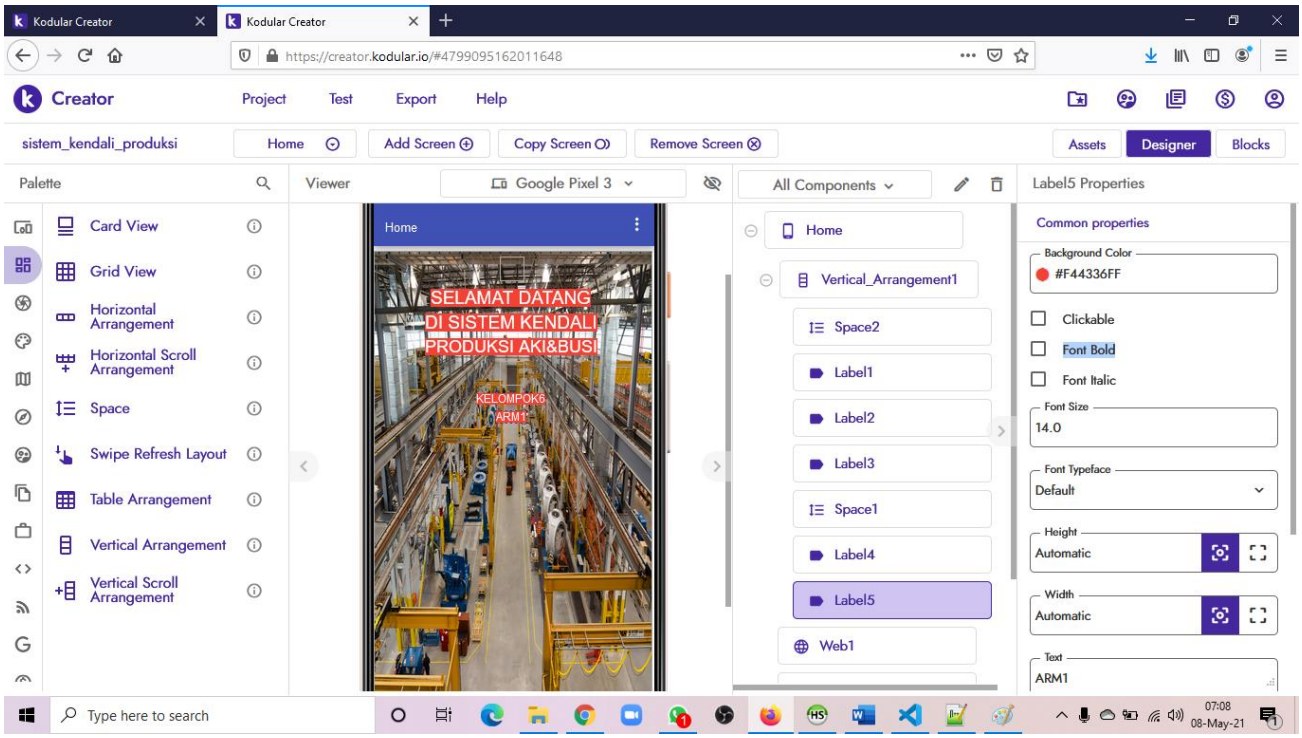
- Desain screen signup



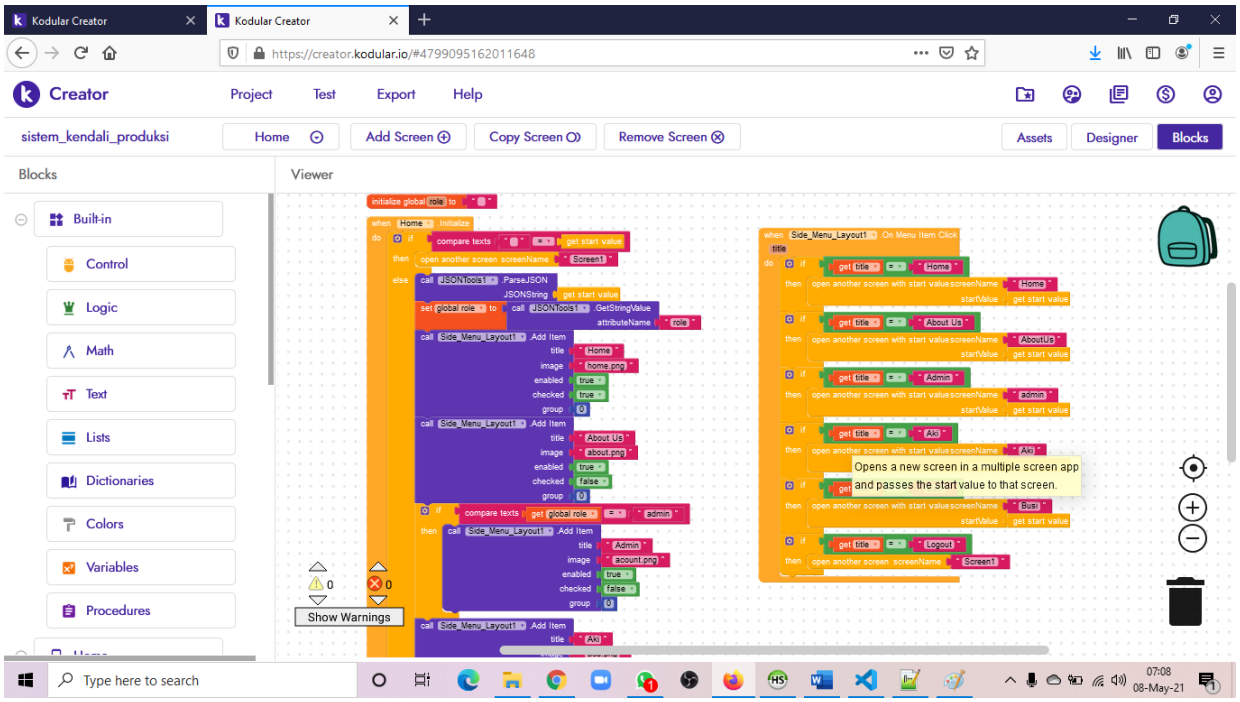
- Blocks pada screen signup



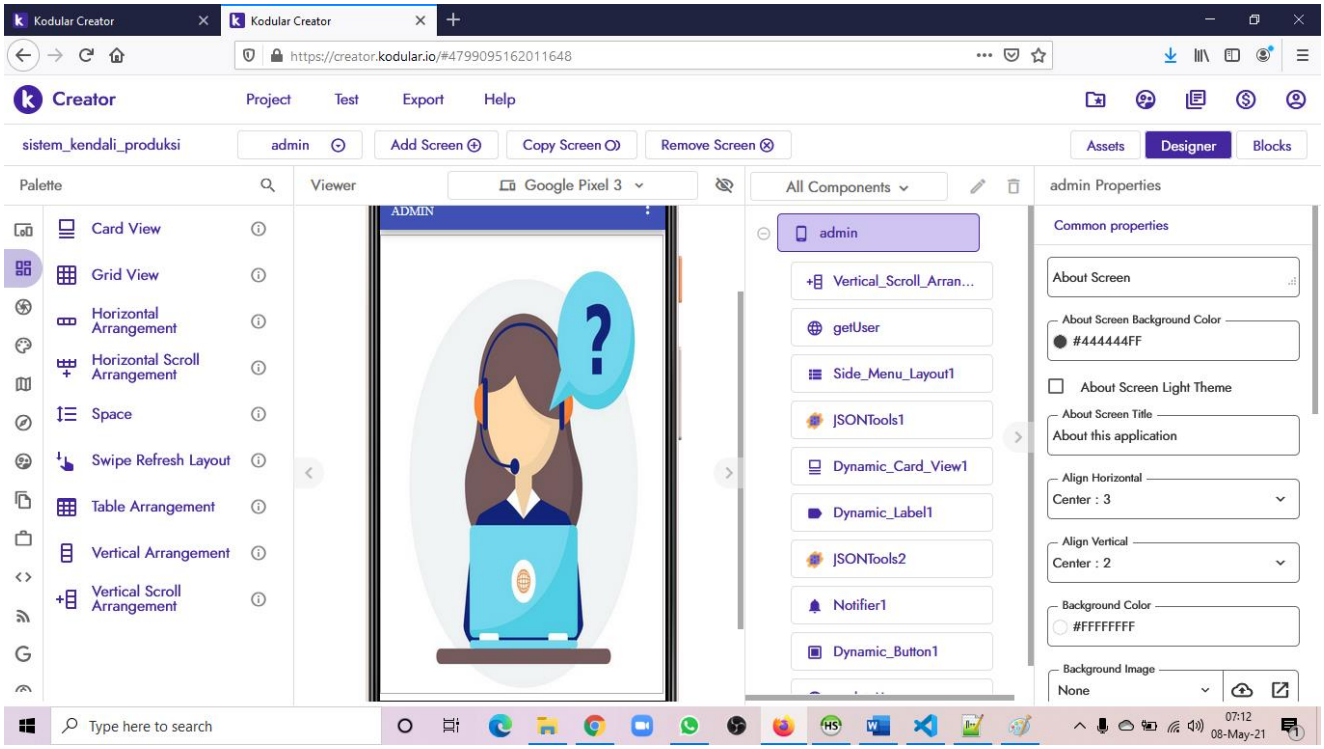
- Desain screen home dengan menyantumkan sidebar



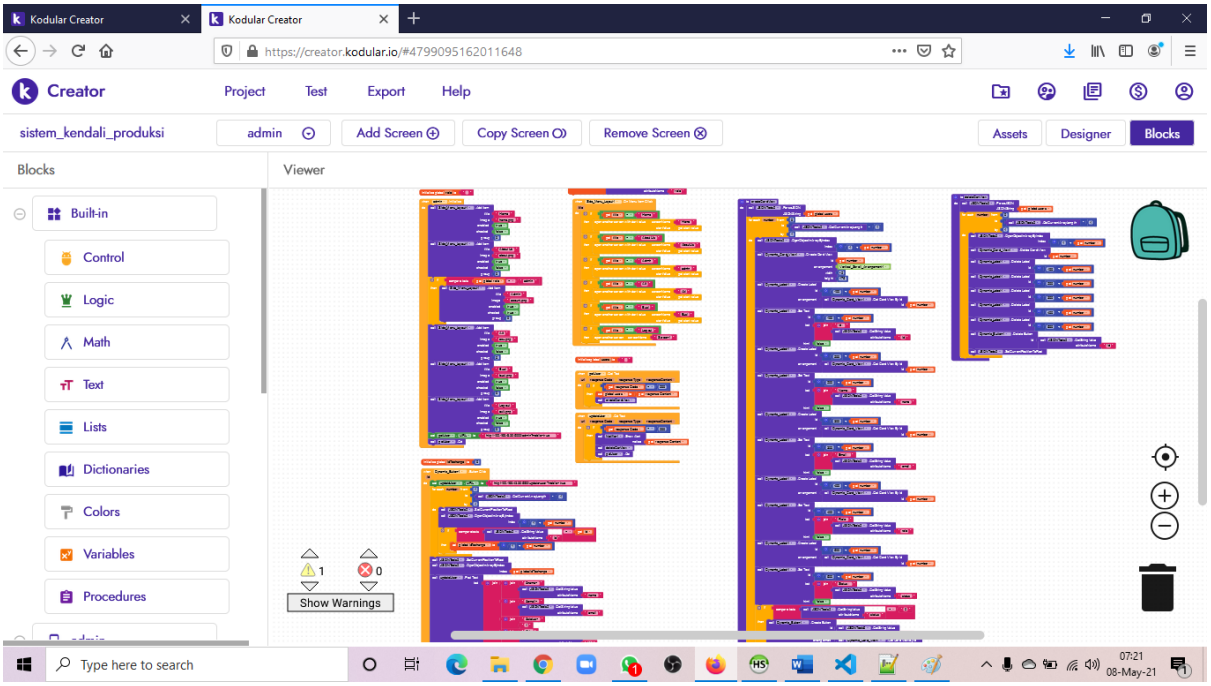
- Blocks pada screen home dengan sidebar



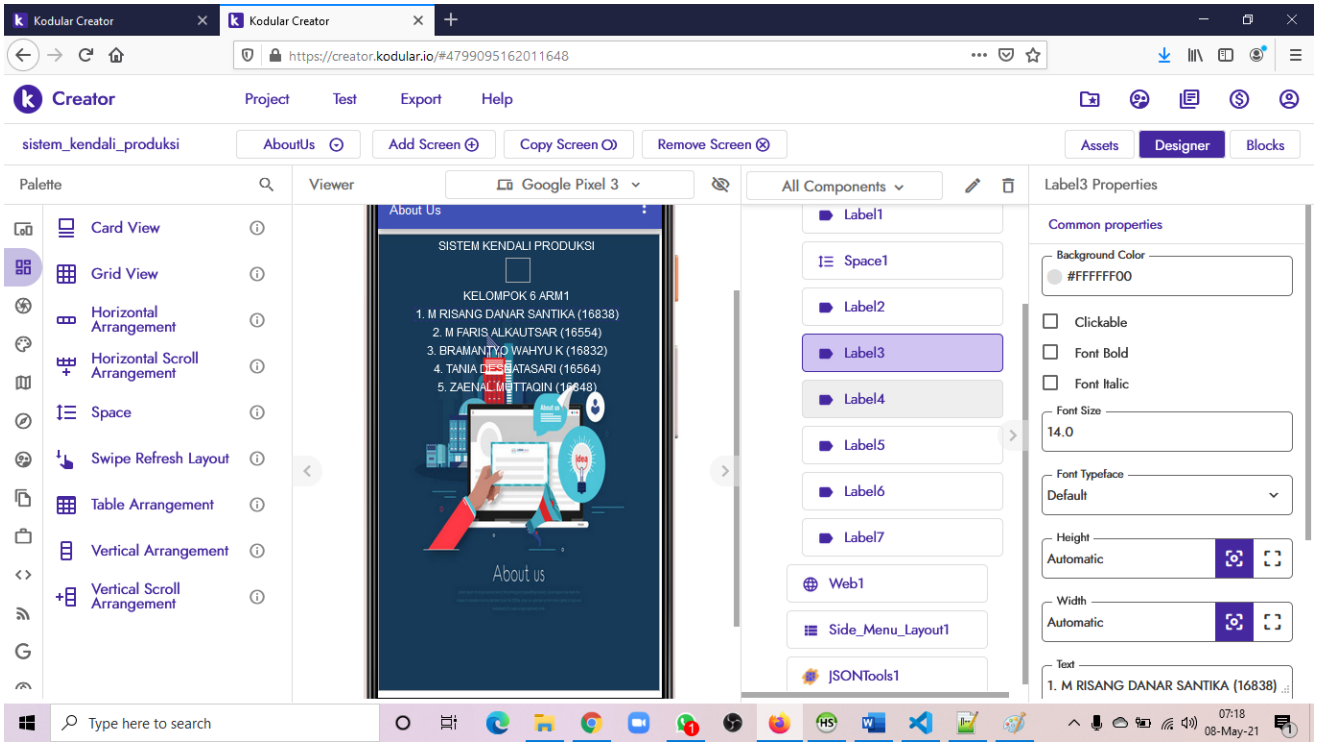
- Desain screen admin dengan menyantumkan sidebar



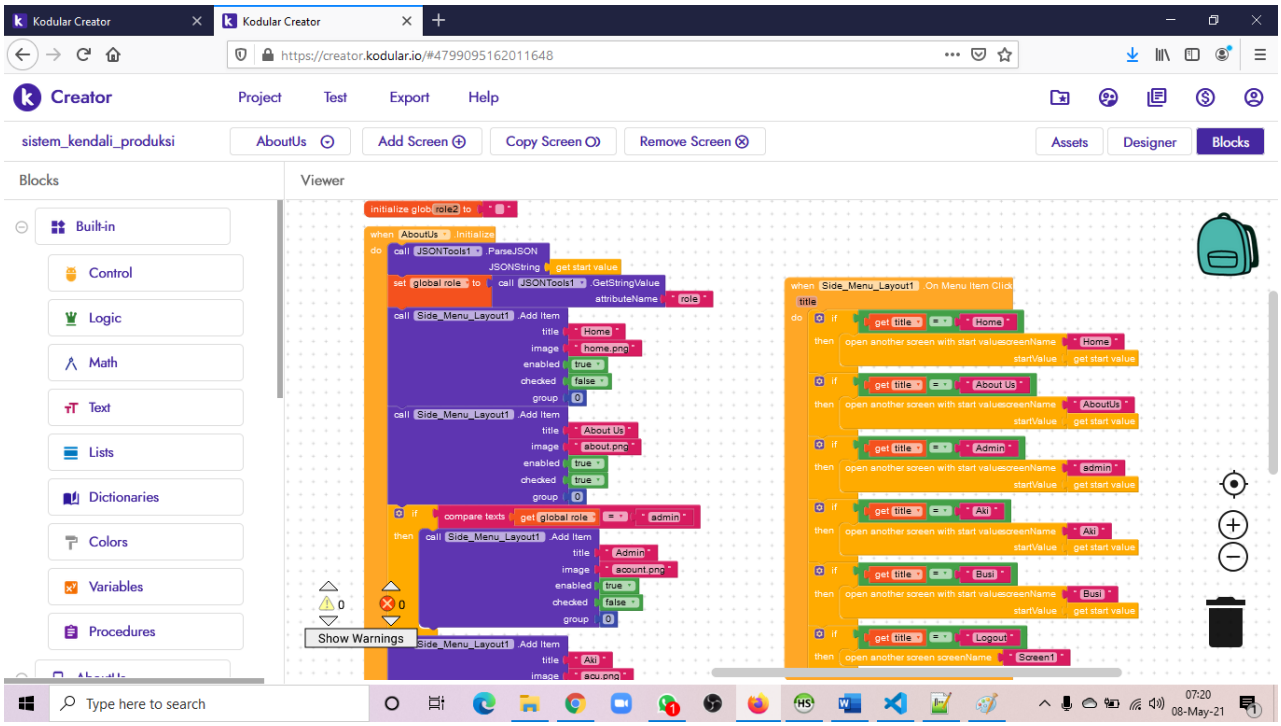
- Blocks pada screen admin dengan sidebar



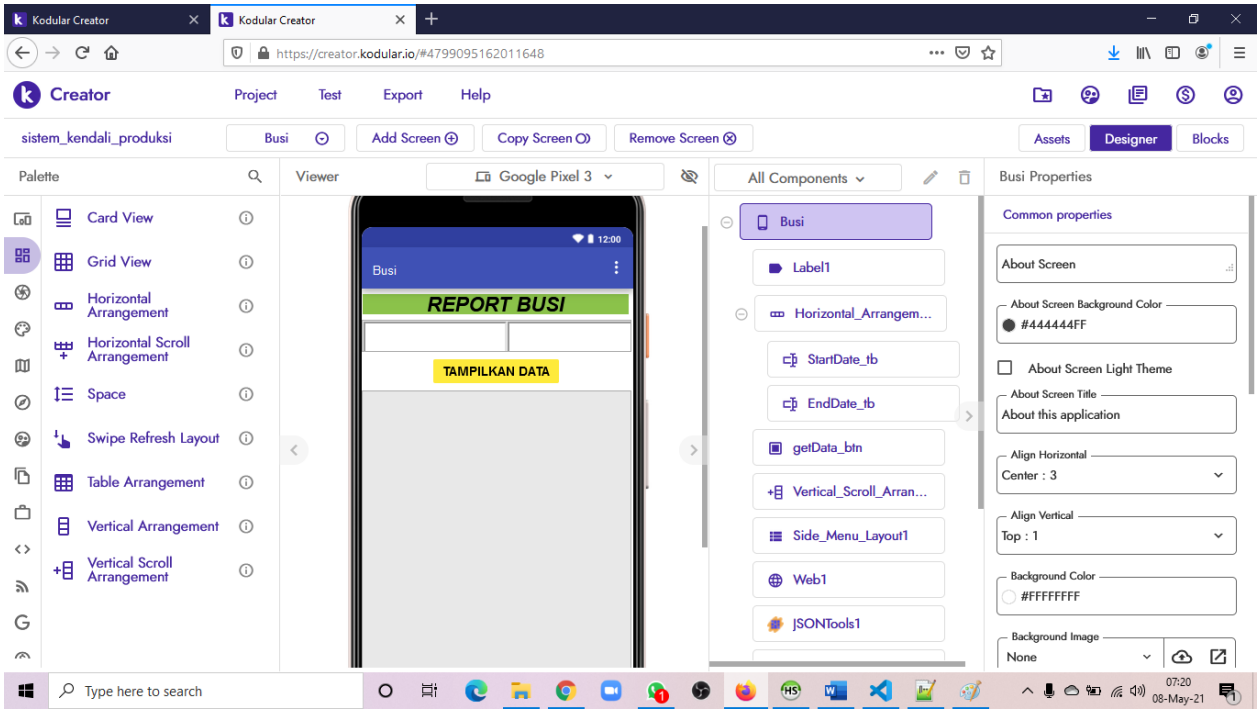
- Desain screen about us dengan menyantumkan sidebar



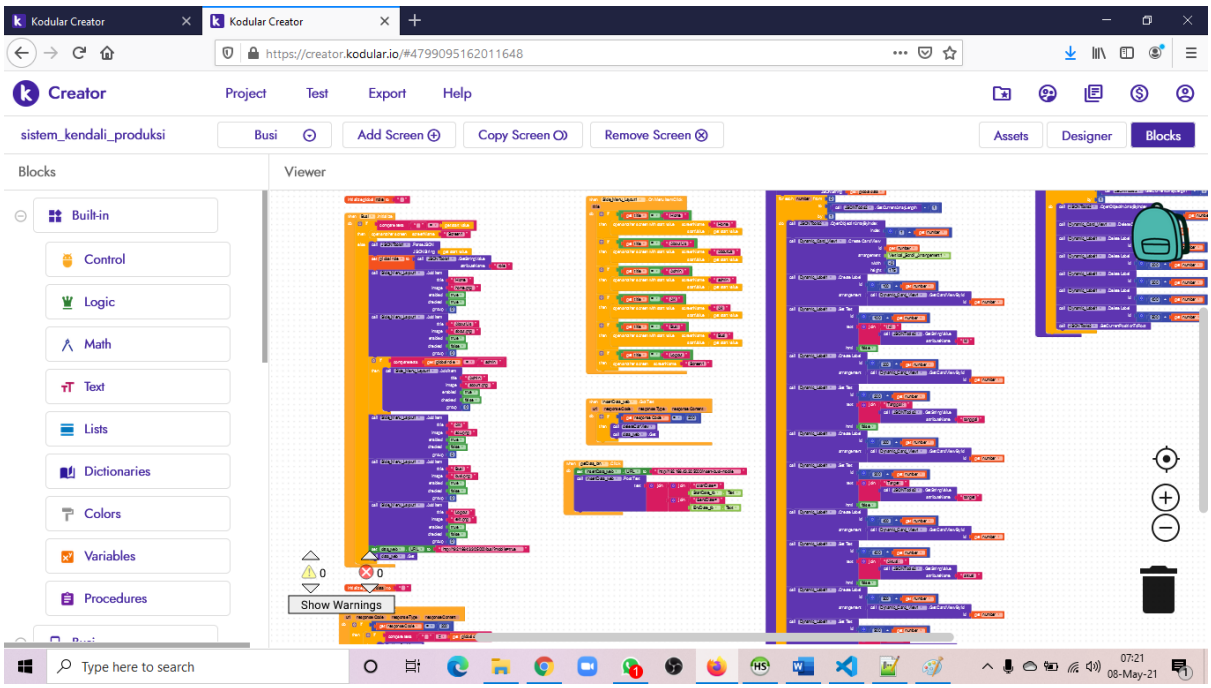
- Blocks pada screen about us dengan sidebar



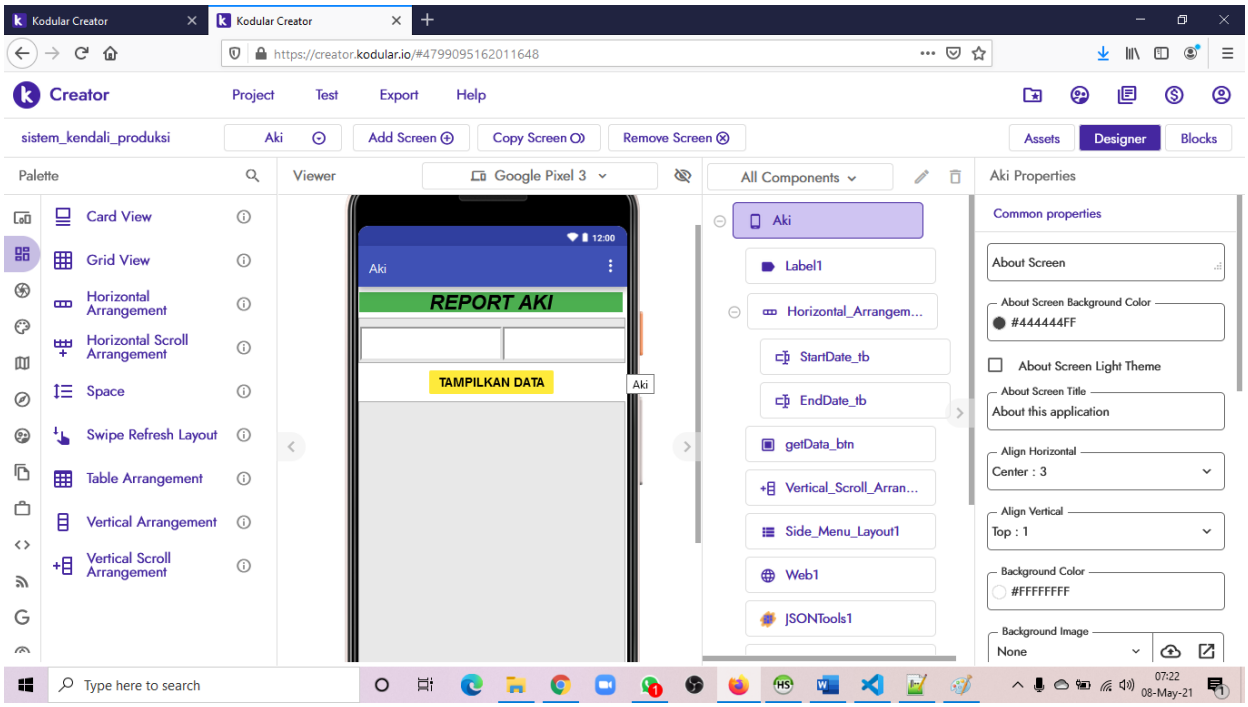
- Desain screen busi dengan menyantumkan sidebar



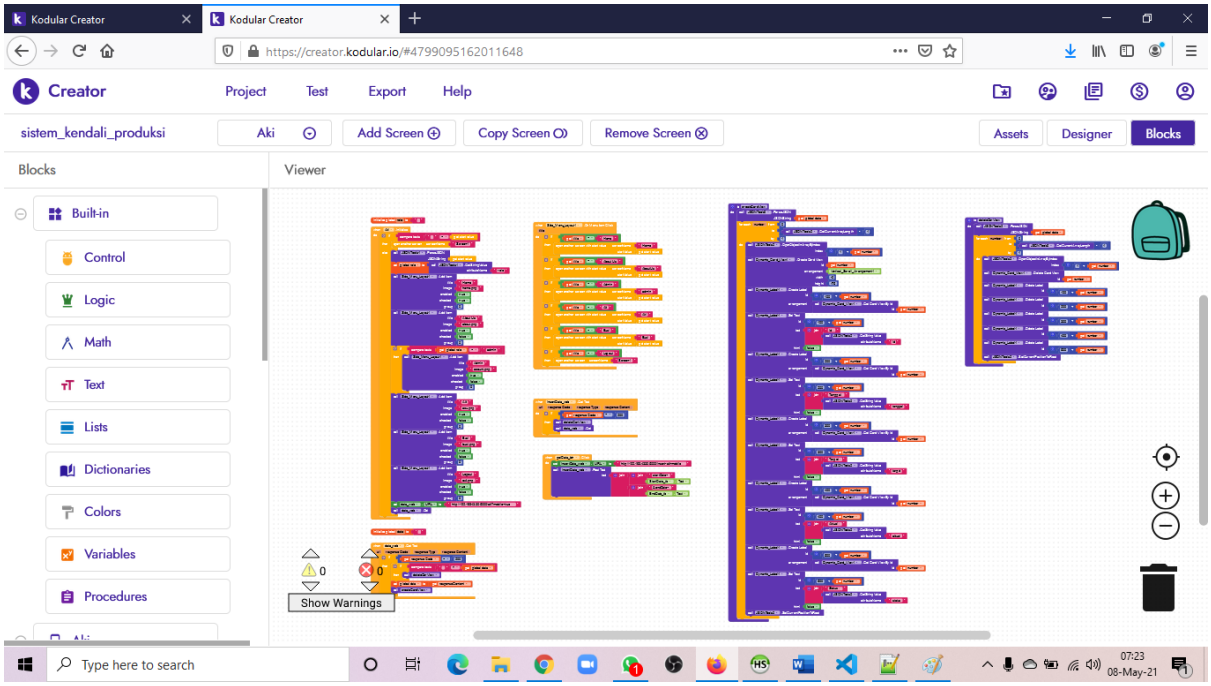
- Blocks pada screen busi dengan sidebar



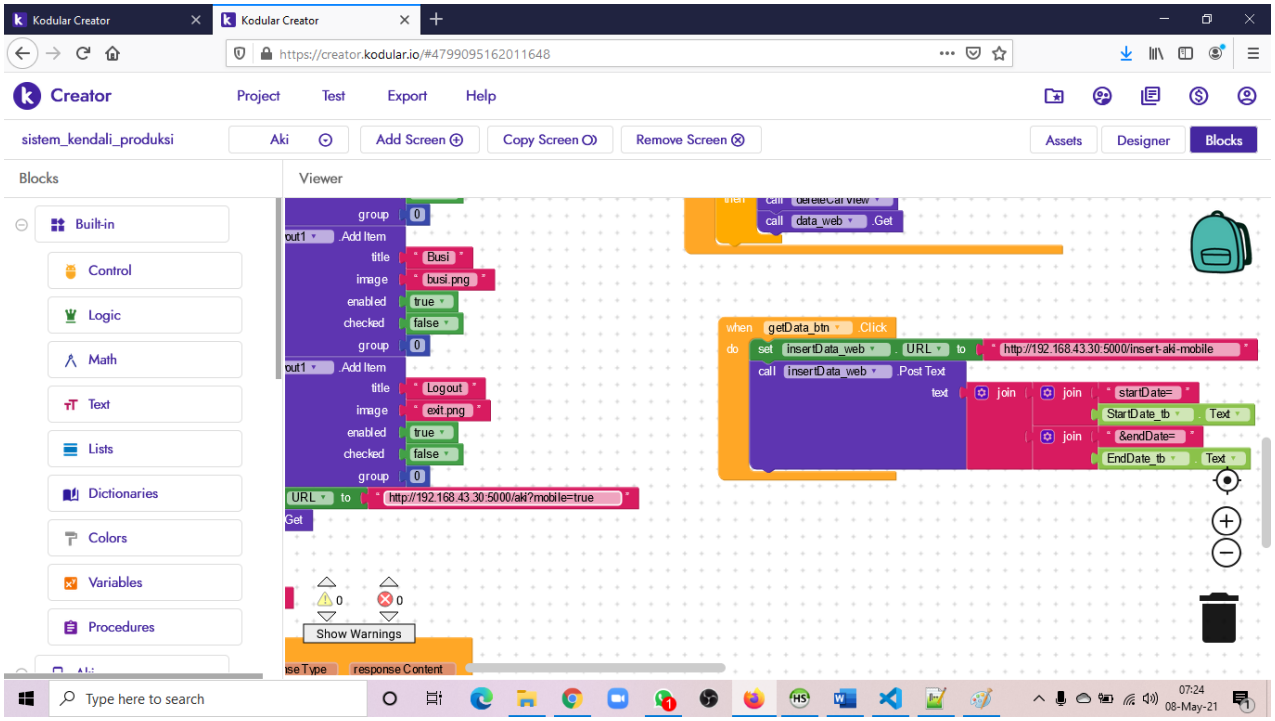
- Desain screen aki dengan menyantumkan sidebar



- Blocks pada screen aki dengan sidebar



4. Menghubungkan kodingan vscode dengan kodular.

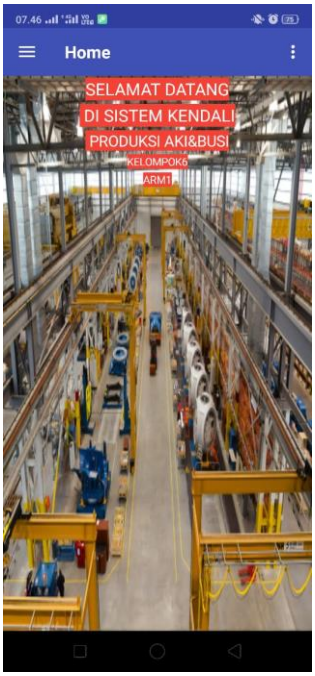


Tampilan pada mobile app

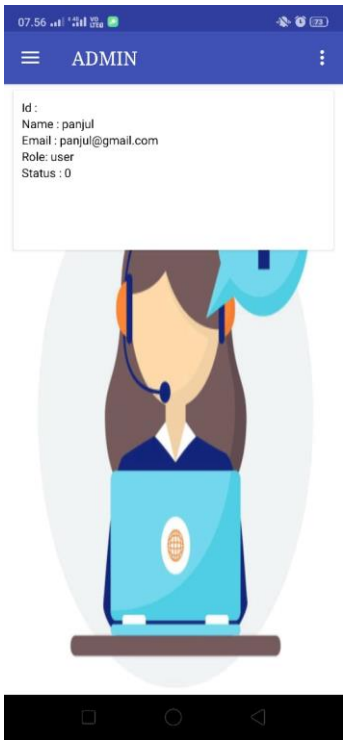
- Tampilan screen 1 (login)

- Tampilan screen signup

- Tampilan screen home



- Tampilan screen admin



- Contoh sidebar

- Tampilan screen about us