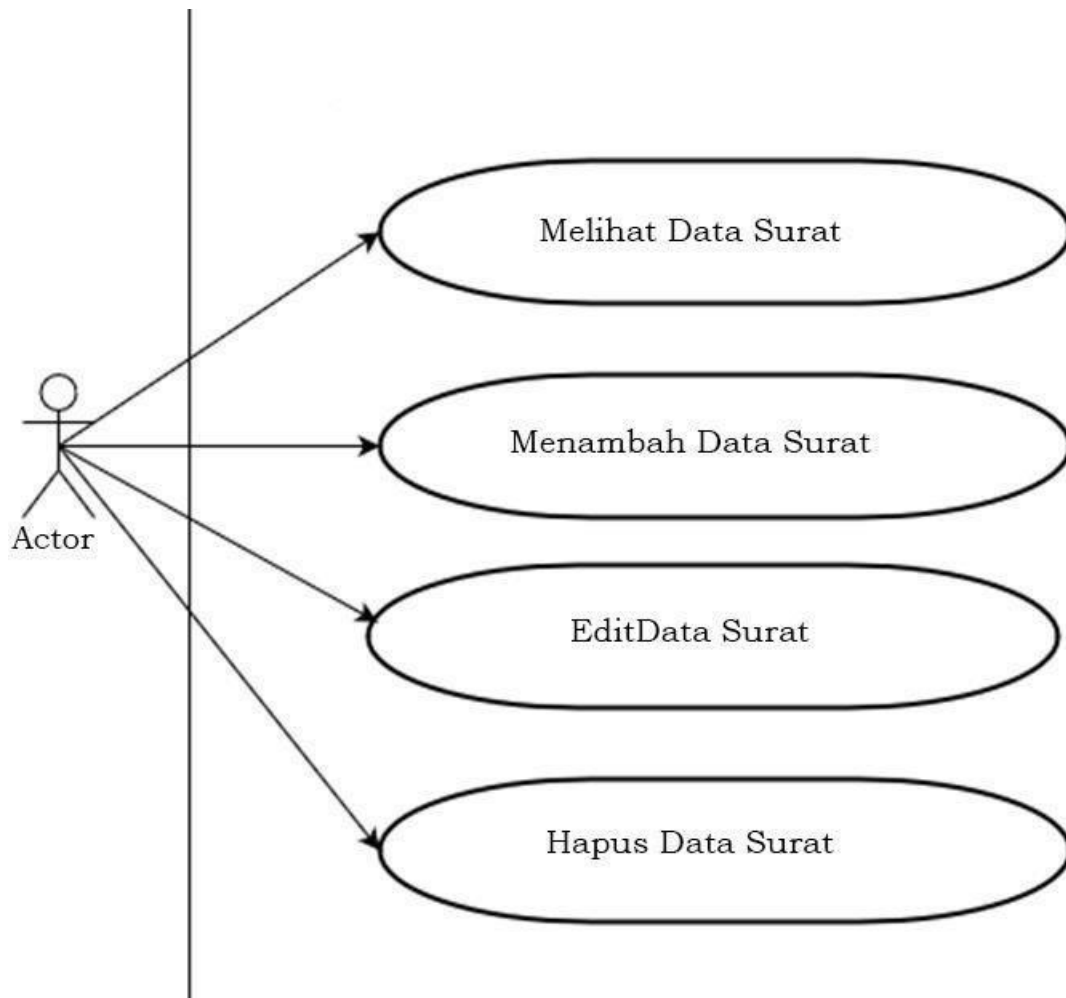


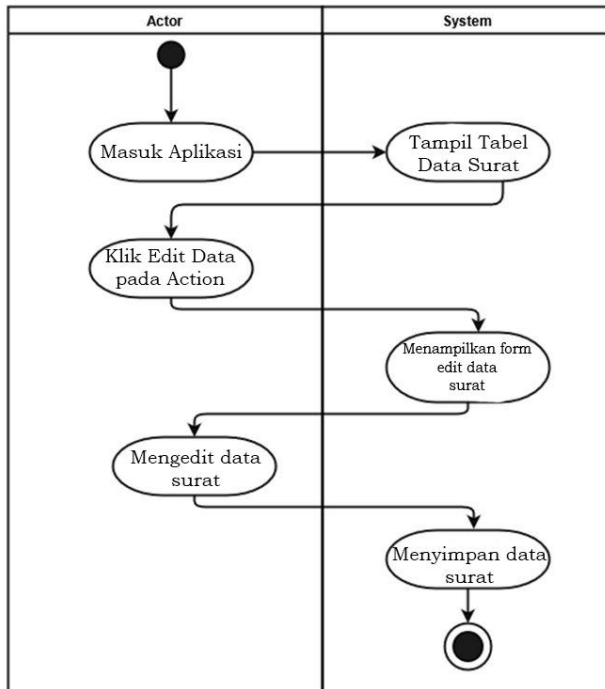
1. Desain Diagram

a. Use Case Diagram

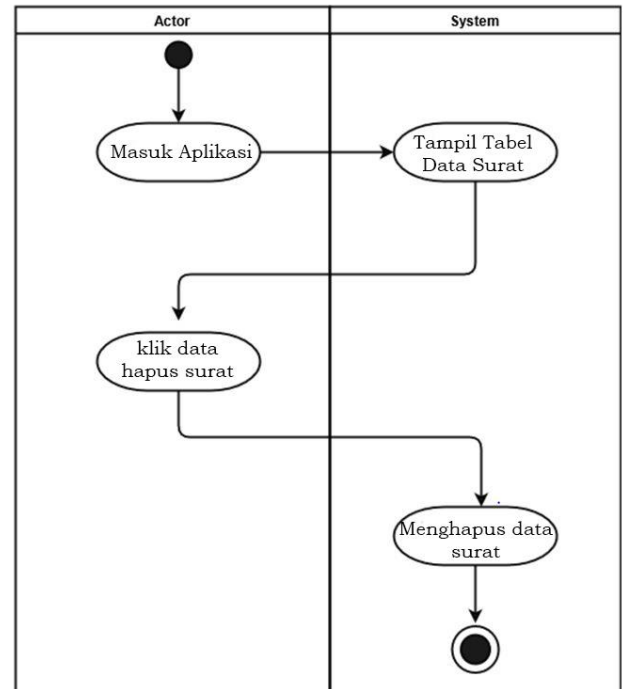


b. Diagram Activity

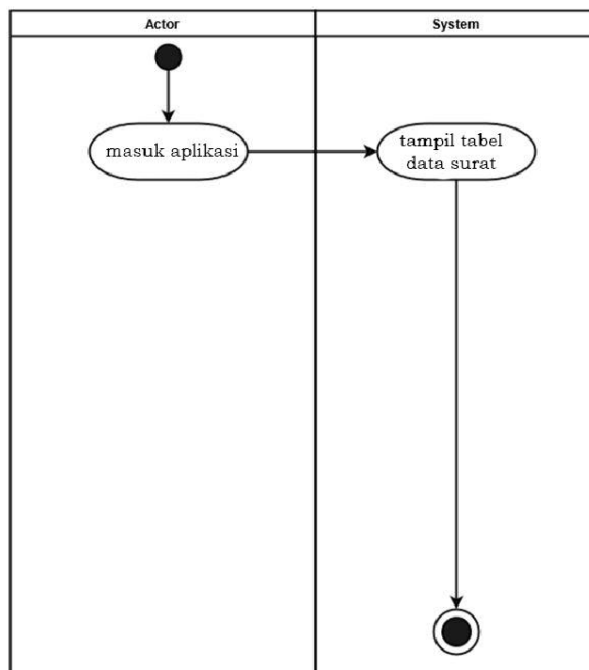
Edit Data surat keluar



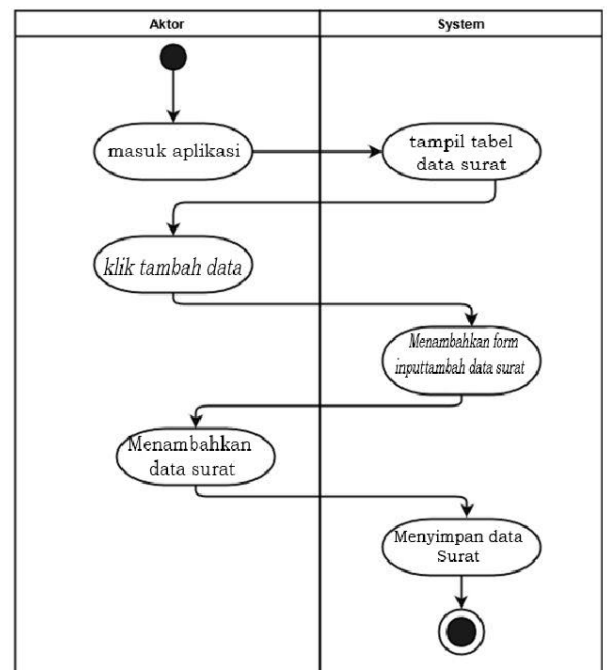
Hapus data Surat



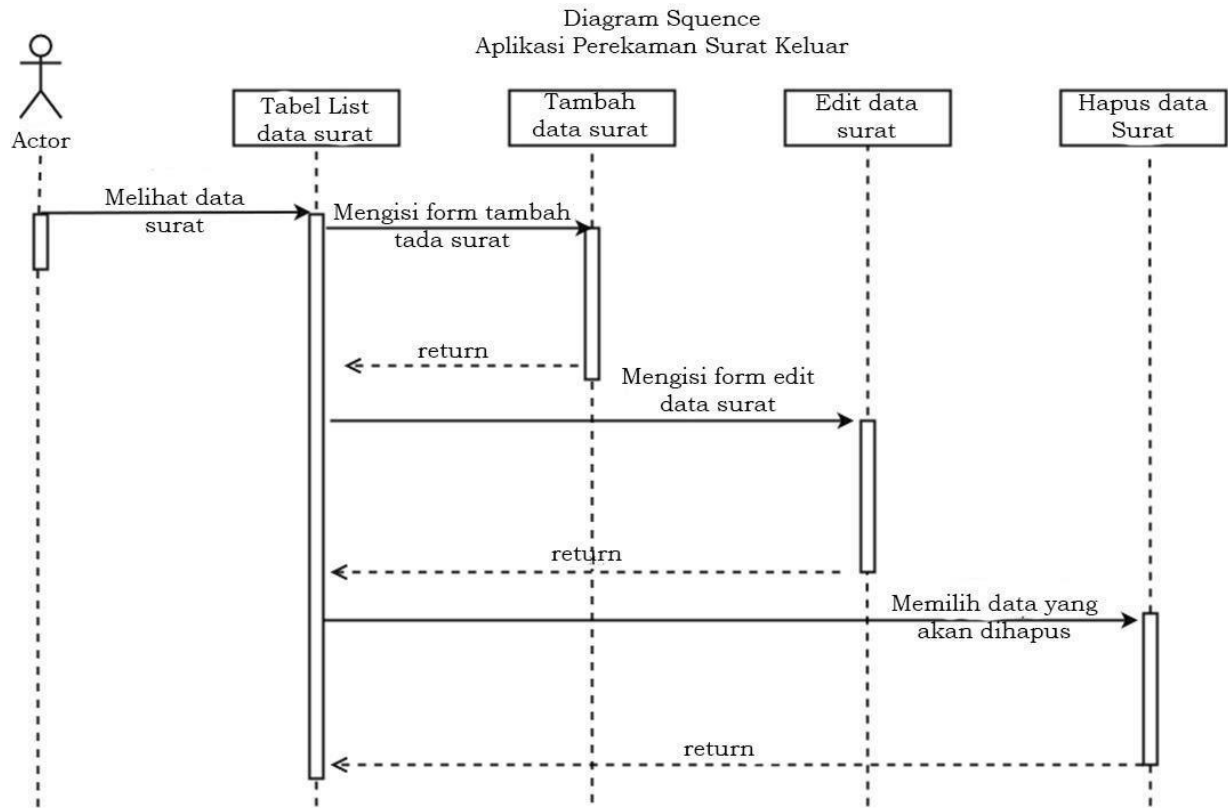
List Data Surat Keluar



Tambah data surat

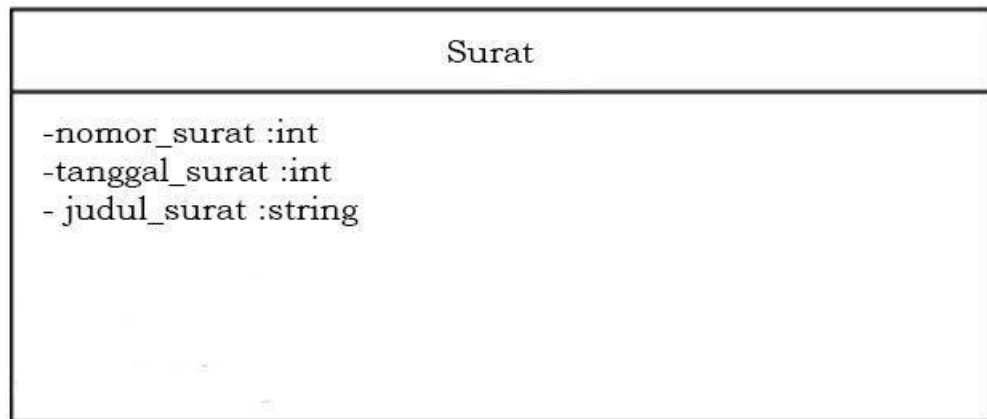


c. Diagram Sequence



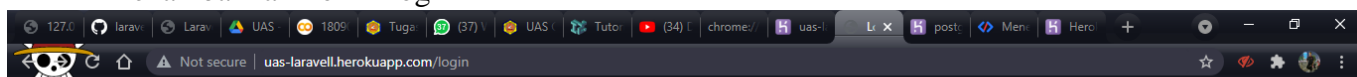
d. Diagram Class

Diagram Class
Aplikasi Perekaman Surat Keluar



=>> ScreenShoot

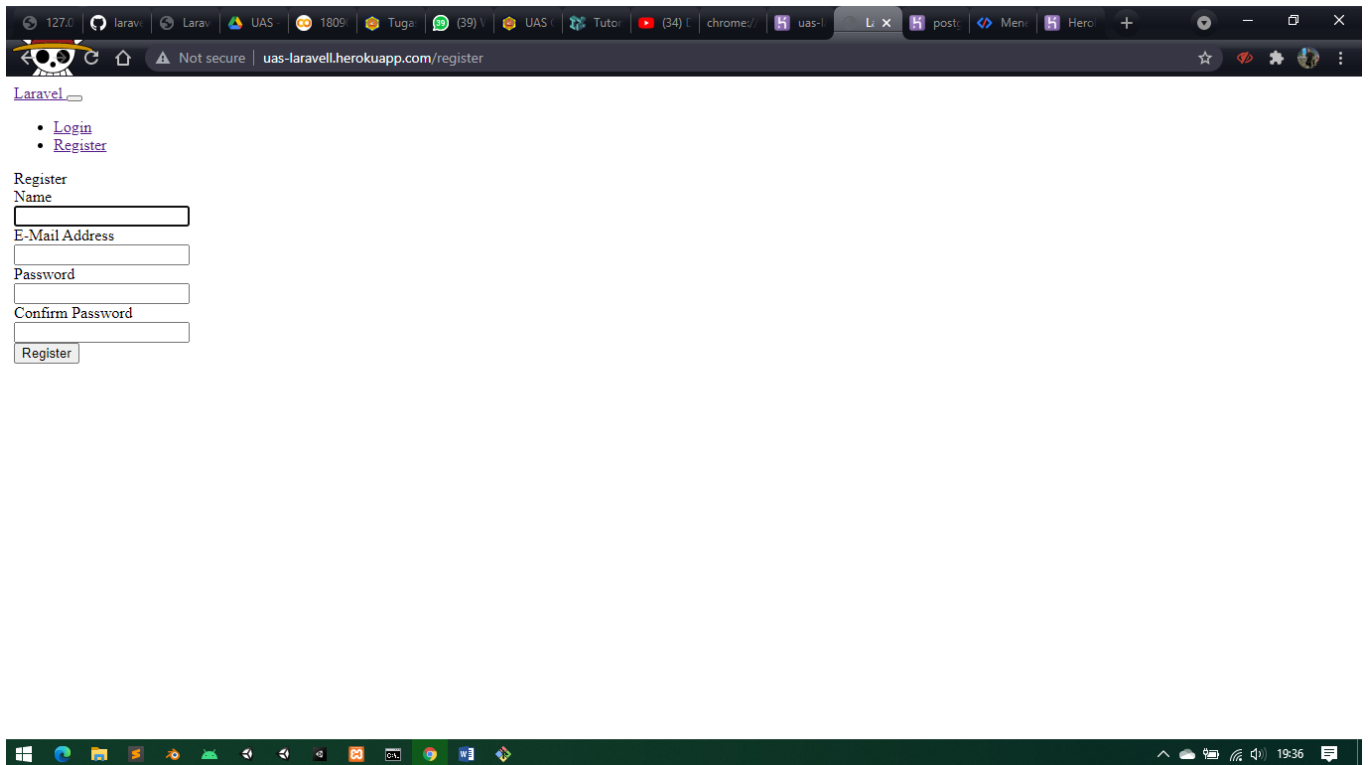
- Menambahkan Form Login



The screenshot shows a 'Form Login' interface. It has a title 'Form Login' at the top. Below the title, there are two input fields: 'Email' and 'Password'. Below the input fields, there is a blue button labeled 'Log In'. At the bottom, there is a link that says 'Belum punya akun? [Register sekarang!](#)'.

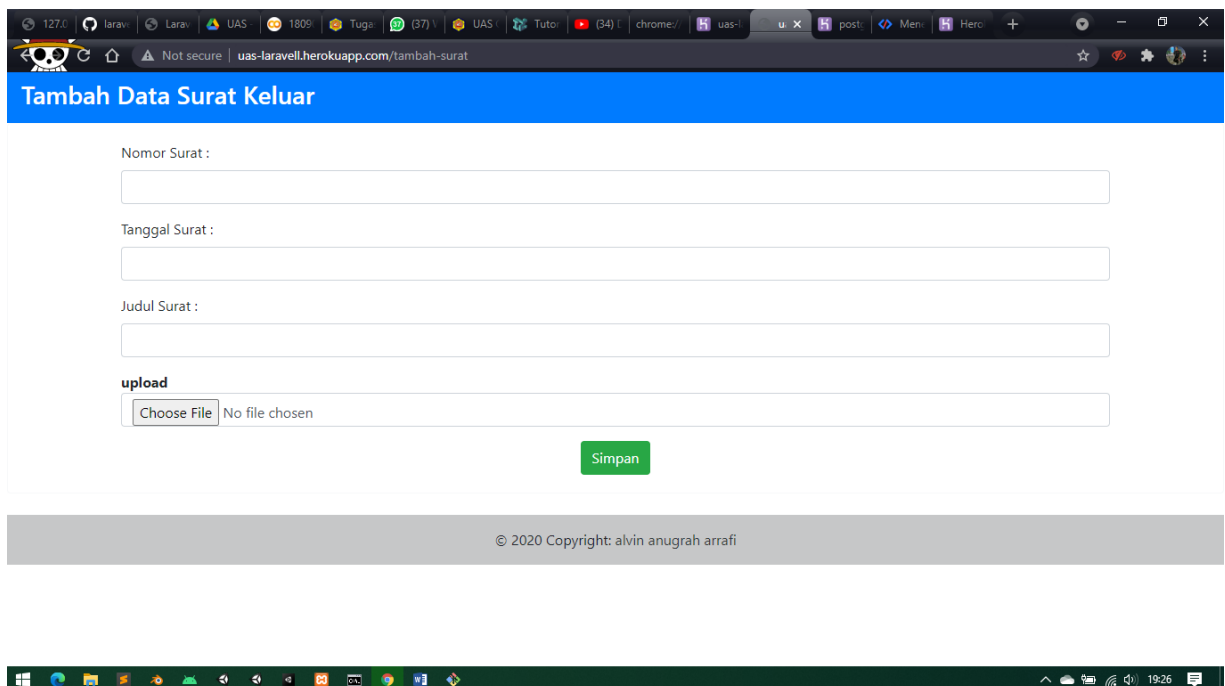


- Menambahkan Register



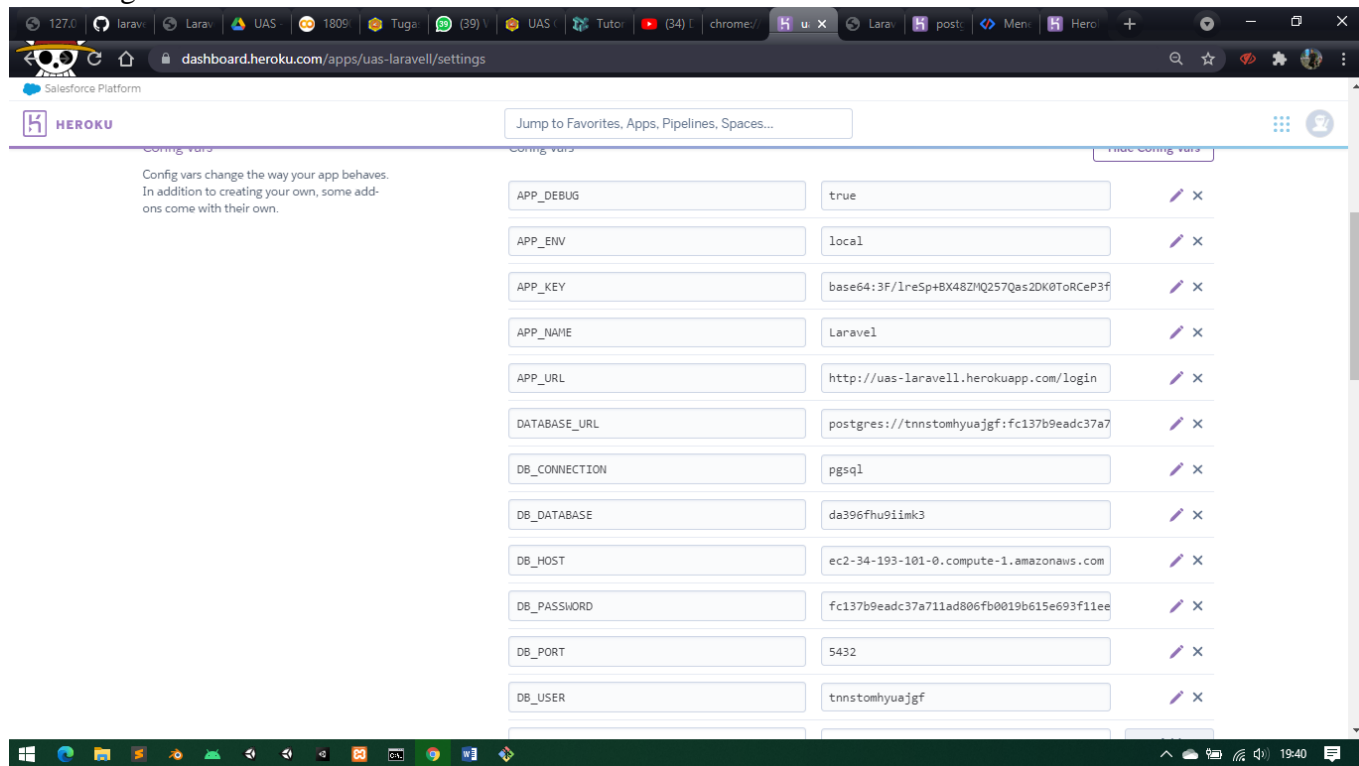
The screenshot shows a web browser window with the address bar displaying "uas-laravel.herokuapp.com/register". The page has a dark theme and a sidebar with a "Laravel" logo and links for "Login" and "Register". The main content area contains a registration form with the following fields: "Name", "E-Mail Address", "Password", and "Confirm Password". Each field is represented by a white input box. Below the "Confirm Password" field is a "Register" button. The browser's taskbar at the bottom shows various application icons and the system clock indicating 19:36.

- Sudah Menambahkan Upload Cuma masih belum berfungsi



The screenshot shows a web browser window with the address bar displaying "uas-laravel.herokuapp.com/tambah-surat". The page has a blue header with the title "Tambah Data Surat Keluar". The main content area contains a form with the following fields: "Nomor Surat :", "Tanggal Surat :", and "Judul Surat :". Each field is represented by a white input box. Below the "Judul Surat :" field is an "upload" section with a "Choose File" button and the text "No file chosen". At the bottom of the form is a green "Simpan" button. The footer of the page displays the copyright notice "© 2020 Copyright: alvin anugrah arrafi". The browser's taskbar at the bottom shows various application icons and the system clock indicating 19:26.

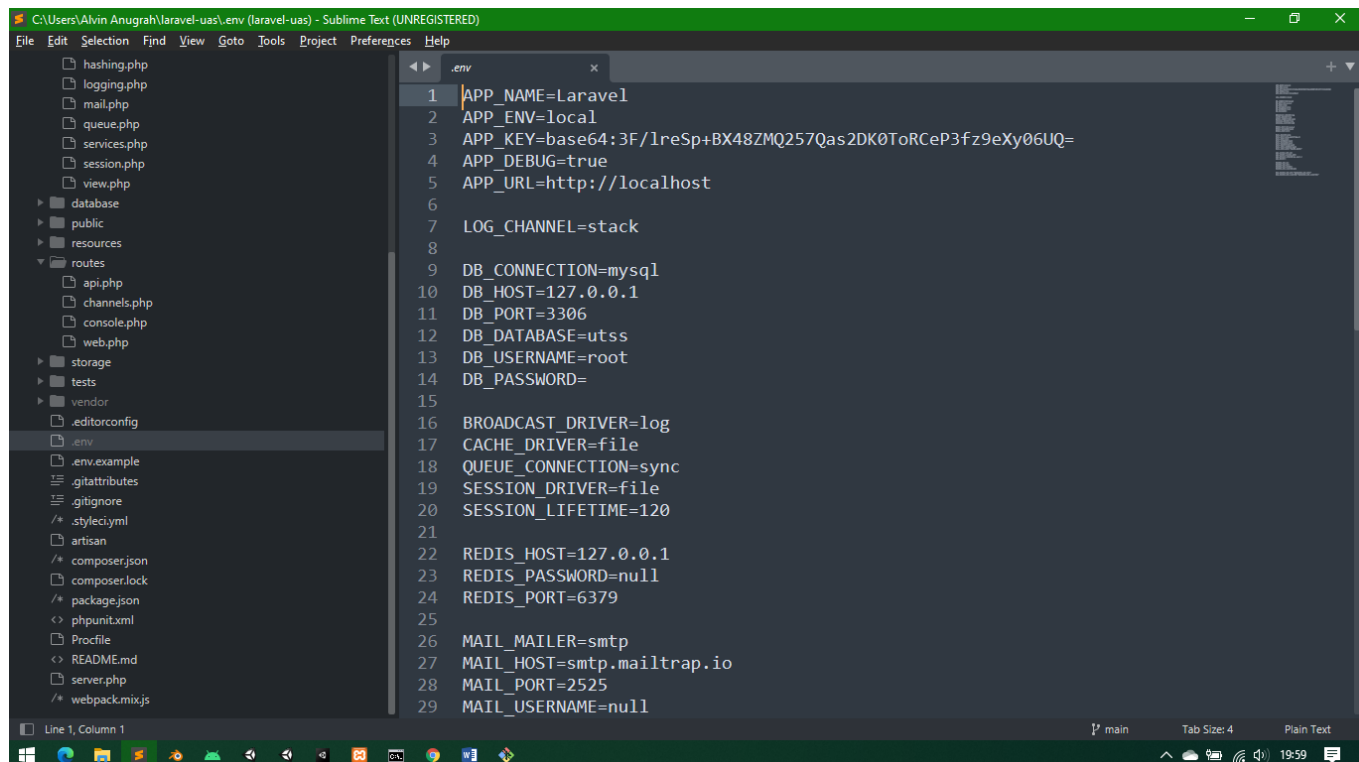
=> Setting Database



The screenshot shows the Heroku dashboard for an application named 'uas-laravel'. The 'Config vars' section is expanded, displaying a list of environment variables. The variables are as follows:

Variable	Value
APP_DEBUG	true
APP_ENV	local
APP_KEY	base64:3F/1reSp+BX48ZMQ257Qas2DK0ToRceP3fz9eXy06UQ=
APP_NAME	Laravel
APP_URL	http://uas-laravel1.herokuapp.com/login
DATABASE_URL	postgres://tnnstomyua:jgf:fc137b9eadc37a7
DB_CONNECTION	pgsql
DB_DATABASE	da396fhu9iimk3
DB_HOST	ec2-34-193-101-0.compute-1.amazonaws.com
DB_PASSWORD	fc137b9eadc37a711ad806fb0019b615e693f11ee
DB_PORT	5432
DB_USER	tnnstomyua:jgf

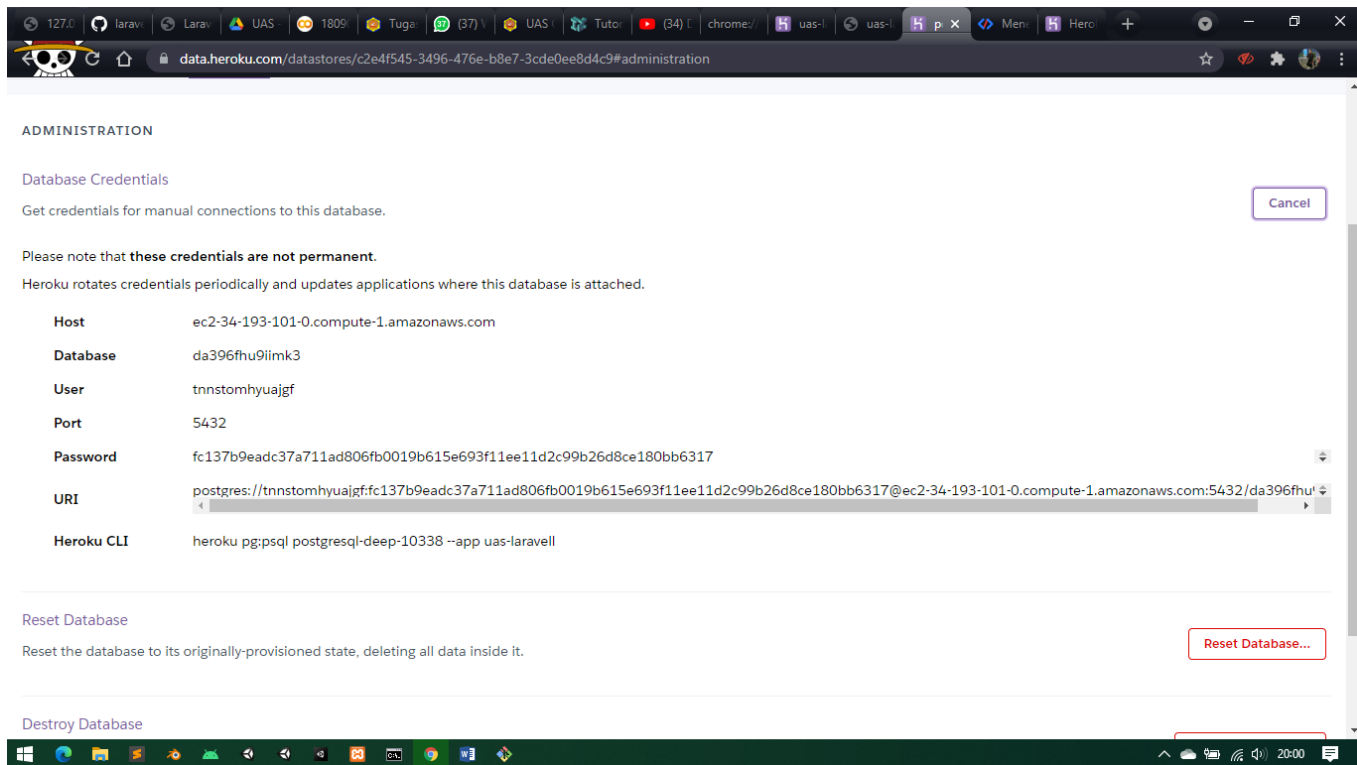
.env



The screenshot shows a Sublime Text editor window with the file 'C:\Users\Alvin Anugrah\laravel-uas\.env' open. The file contains the following configuration:

```
1 APP_NAME=Laravel
2 APP_ENV=local
3 APP_KEY=base64:3F/1reSp+BX48ZMQ257Qas2DK0ToRceP3fz9eXy06UQ=
4 APP_DEBUG=true
5 APP_URL=http://localhost
6
7 LOG_CHANNEL=stack
8
9 DB_CONNECTION=mysql
10 DB_HOST=127.0.0.1
11 DB_PORT=3306
12 DB_DATABASE=utss
13 DB_USERNAME=root
14 DB_PASSWORD=
15
16 BROADCAST_DRIVER=log
17 CACHE_DRIVER=file
18 QUEUE_CONNECTION=sync
19 SESSION_DRIVER=file
20 SESSION_LIFETIME=120
21
22 REDIS_HOST=127.0.0.1
23 REDIS_PASSWORD=null
24 REDIS_PORT=6379
25
26 MAIL_MAILER=smt
27 MAIL_HOST=smt.mailtrap.io
28 MAIL_PORT=2525
29 MAIL_USERNAME=null
```

- Credential di heroku-posdtgrade

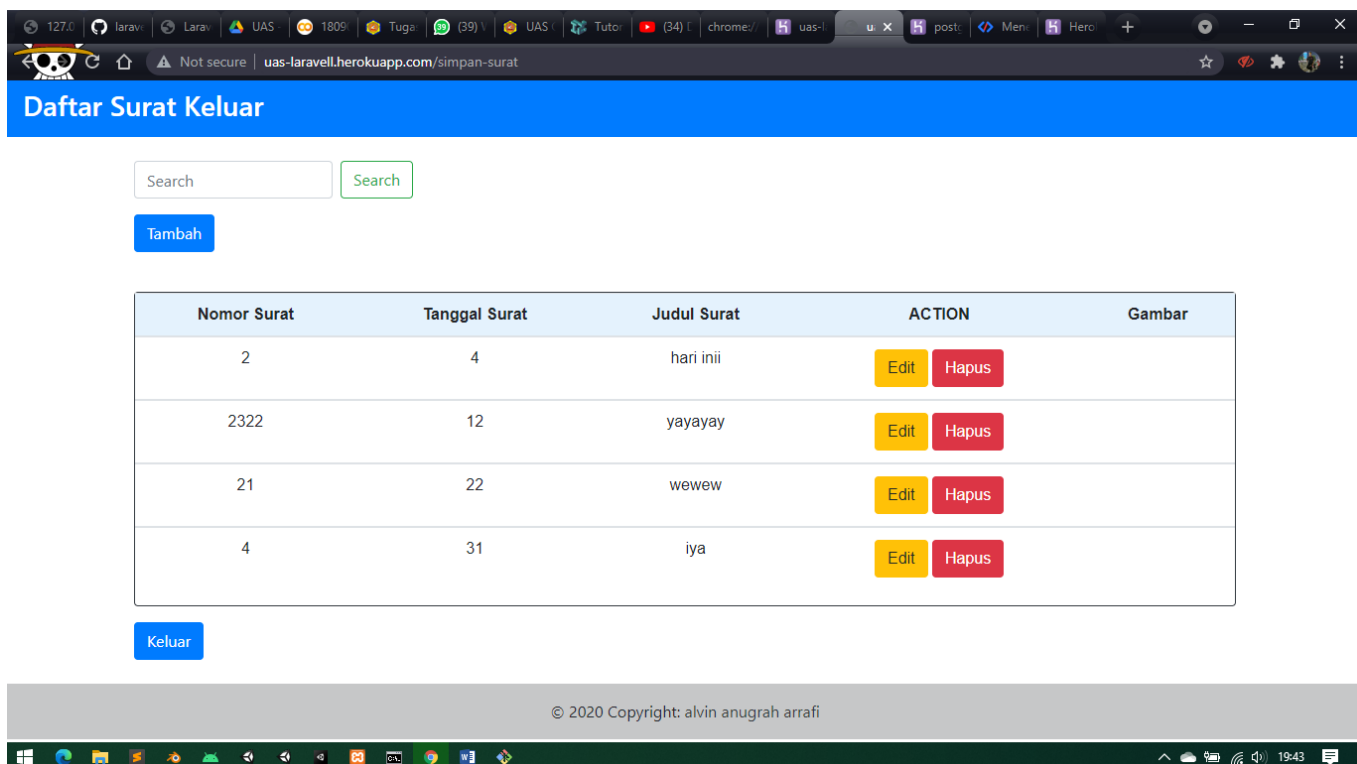


The screenshot shows the Heroku database administration interface. The browser address bar displays the URL: `data.heroku.com/datastores/c2e4f545-3496-476e-b8e7-3cde0ee8d4c9#administration`. The page title is "ADMINISTRATION". Under the "Database Credentials" section, it states: "Get credentials for manual connections to this database." and "Please note that these credentials are not permanent. Heroku rotates credentials periodically and updates applications where this database is attached." The credentials are listed as follows:

Host	Database	User	Port	Password	URI	Heroku CLI
ec2-34-193-101-0.compute-1.amazonaws.com	da396fhu9limk3	tnnstomhyuajgf	5432	fc137b9eadc37a711ad806fb0019b615e693f11ee11d2c99b26d8ce180bb6317	postgres://tnnstomhyuajgf:fc137b9eadc37a711ad806fb0019b615e693f11ee11d2c99b26d8ce180bb6317@ec2-34-193-101-0.compute-1.amazonaws.com:5432/da396fhu9limk3	heroku pg:psql postgresql-deep-10338 --app uas-laravell

Below the credentials, there are two buttons: "Reset Database" and "Destroy Database".

DASHBOARD APLIKASI NYA



The screenshot shows the application dashboard titled "Daftar Surat Keluar". It features a search bar with a "Search" button and a "Tambah" (Add) button. Below the search bar is a table with the following columns: "Nomor Surat", "Tanggal Surat", "Judul Surat", "ACTION", and "Gambar". The table contains four rows of data:

Nomor Surat	Tanggal Surat	Judul Surat	ACTION	Gambar
2	4	hari inii	<button>Edit</button> <button>Hapus</button>	
2322	12	yayayay	<button>Edit</button> <button>Hapus</button>	
21	22	wewew	<button>Edit</button> <button>Hapus</button>	
4	31	iya	<button>Edit</button> <button>Hapus</button>	

Below the table is a "Keluar" (Logout) button. At the bottom of the page, there is a footer that reads: "© 2020 Copyright: alvin anugrah arrafi".

2. Penjelasan

1. > penjelasan use case

pada diagram tersebut aktor dapat melakukan beberapa langkah yaitu membuat data surat, menambah data surat data surat, edit surat dan menghapus data surat

2. > Diagram activity

A. List data surat

- Actor masuk ke Aplikasi melalui url yg ada
- maka sistem akan menampilkan label list data surat

B. tambah data surat

- Actor masuk Aplikasi
- sistem akan menampilkan list data surat
- Actor memilih button tambah
- sistem akan menampilkan form input tambah data surat
- Actor mengisi data surat pada form yang ada lalu klik simpan data
- Sistem akan menyimpan data surat yang baru

c. edit data surat

- Actor masuk Aplikasi melalui URL
- sistem akan menampilkan list data surat
- actor memilih button edit data
- sistem akan menampilkan form data surat yang sesuai data dipilih, lalu edit sesuai keinginan
- sistem akan menyimpan data surat

D. Hapus data surat

- Actor masuk Aplikasi melalui url
- sistem akan menampilkan list data surat

3. } Diagram Sequence

dari diagram Sequence yang dibuat terdapat 1 user yaitu Actor

- Actor masuk Aplikasi melalui url :
sistem akan menampilkan data list surat
- Actor menambahkan data surat lalu isi form data surat ~~dan~~ klik Simpan maka sistem akan menyimpan data surat
- Actor mengedit data surat :
Actor memilih aksi edit dan mengisi form edit sesuai keinginan

- Actor menghapus data surat :
Actor memilih data surat yang akan dihapus di Aksi

4. } Diagram class
Pada aplikasi surat keluar terdapat hanya satu class yaitu surat yang berisi :

- Nomor surat (int)
- tanggal surat (int)
- Judul surat (string)

=> Database

- install heroku-postgrade di menu resource heroku
- mengisi APP_NAME, APP_ENV, APP_KEY, APP_DEBUG sesuai pada file .env
- mengisi APP_URL sesuai nama url yang kita buat di Heroku
- mengisi DB_CONNECTION dg postgres karena kita pakai heroku-postgrade
- mengisi DB_HOST, DB_PORT, DB_DATABASE, DB_USERNAME, DB_PASSWORD
Sesuai pada database credential pada menu setting heroku postgres