**LAPORAN TUGAS BESAR BASIS DATA LANJUT**

**APLIKASI KLINIK KECANTIKAN**

Dosen Pengampu :

Irsyad Arif Mashudi, S.Kom M.Kom

Logo

Description automatically generated

Oleh :

KELOMPOK 1

|  |  |
| --- | --- |
| 18\_Mochammad Hairullah | 2041720074 |
| 08\_Dherisma Hanindita | 2041720018 |
| 10\_Faiza Kurinia | 2041720051 |

**POLITEKNIK NEGERI MALANG**

**JURUSAN TEKNOLOGI INFORMASI**

**PROGRAM STUDI D4 TEKNIK INFORMATIKA 2021**

**NORMALISASI**

**Orders (Dibuat oleh Dherisma Hanindita)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **oid** | **pelanggan\_id** | **pegawai\_id** | **paket\_id** | **tanggal** | **total\_bayar** |
| OD001 | C09 | P01 | PC05 | 2021-09-02 | 1250000 |
| OD002 | C01 | P04 | PC04 | 2021-09-14 | 850000 |
| OD003 | C010 | P05 | PC03 | 2021-09-17 | 600000 |
| OD004 | C04 | P09 | PC05 | 2021-09-29 | 1250000 |
| OD005 | C09 | P05 | PC05 | 2021-10-01 | 1250000 |
| OD006 | C06 | P02 | PC01 | 2021-10-04 | 100000 |
| OD007 | C07 | P01 | PC05 | 2021-10-14 | 1250000 |
| OD008 | C08 | P08 | PC04 | 2021-10-18 | 850000 |
| OD009 | C04 | P09 | PC01 | 2021-10-20 | 100000 |
| OD010 | C02 | P06 | PC02 | 2021-10-20 | 160000 |
| OD011 | C06 | P03 | PC01 | 2021-10-26 | 100000 |
| OD012 | C09 | P10 | PC05 | 2021-10-30 | 1250000 |
| OD013 | C01 | P07 | PC03 | 2021-10-31 | 600000 |
| OD014 | C01 | P02 | PC04 | 2021-11-14 | 850000 |
| OD015 | C05 | P03 | PC01 | 2021-11-20 | 100000 |
| OD016 | C09 | P01 | PC05 | 2021-11-25 | 1250000 |
| OD017 | C04 | P06 | PC03 | 2021-11-29 | 600000 |
| OD018 | C08 | P10 | PC01 | 2021-12-21 | 100000 |
| OD019 | C10 | P05 | PC02 | 2021-12-25 | 160000 |
| OD020 | C05 | P07 | PC02 | 2021-12-25 | 160000 |

**Pembayaran (Dibuat oleh Dherisma Hanindita)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **pay\_id** | **oid** | **metode** | **bank** | **no\_rek** | **total** | **bayar** | **status** |
| PAY0001 | OD001 | cash | - | - | 1250000 | 1250000 | pending |
| PAY0002 | OD002 | debit | BCA | 14039488 | 850000 | 850000 | process |
| PAY0003 | OD003 | debit | - |  | 600000 | 600000 | success |
| PAY0004 | OD004 | cash | - |  | 1250000 | 1250000 | pending |
| PAY0005 | OD005 | debit | BCA | 14062352 | 1250000 | 1250000 | process |
| PAY0006 | OD006 | cash | - |  | 100000 | 100000 | success |
| PAY0007 | OD007 | debit | BNI | 00952532 | 1250000 | 1250000 | pending |
| PAY0008 | OD008 | debit | BCA | 14052352 | 850000 | 850000 | process |
| PAY0009 | OD009 | debit | BRI | 00273352 | 100000 | 100000 | success |
| PAY0010 | OD010 | debit | BNI | 00955325 | 160000 | 160000 | success |
| PAY0011 | OD011 | cash | - |  | 100000 | 100000 | pending |
| PAY0012 | OD012 | cash | - |  | 1250000 | 1250000 | process |
| PAY0013 | OD013 | cash | - |  | 600000 | 600000 | success |
| PAY0014 | OD014 | debit | BRI | 00277346 | 850000 | 850000 | success |
| PAY0015 | OD015 | debit | BRI | 00278497 | 100000 | 100000 | success |
| PAY0016 | OD016 | cash | - |  | 1250000 | 1250000 | pending |
| PAY0017 | OD017 | debit | BCA | 14039488 | 600000 | 600000 | success |
| PAY0018 | OD018 | cash | - |  | 100000 | 100000 | success |
| PAY0019 | OD019 | cash | - |  | 160000 | 160000 | process |
| PAY0020 | OD020 | debit | BCA | 14025325 | 160000 | 160000 | process |

**Perawatan (Dibuat oleh Dherisma Hanindita)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **rawat\_id** | **oid** | **dokter\_id** | **hasil** | **solusi** | **tanggal\_rawat** |
| R001 | OD012 | DC01 | Kulit tampak kusam | Facial | 2021-09-02 |
| R002 | OD008 | DC01 | Jerawat | Facial | 2021-09-14 |
| R003 | OD011 | DC06 | Kulit kusam | Exfoliate | 2021-09-17 |
| R004 | OD002 | DC04 | Kulit gelap | Suntik Putih | 2021-09-29 |
| R005 | OD013 | DC02 | Komedo Berlebihan | Clean komedo | 2021-10-01 |
| R006 | OD004 | DC05 | Pasang Bulu mata | Eyelash extension | 2021-10-04 |
| R007 | OD005 | DC03 | Lapisan Kulit terlalu tipis | Laser | 2021-10-04 |
| R008 | OD020 | DC07 | Bibir gelap | Sulam bibir | 2021-10-14 |
| R009 | OD007 | DC10 | Kulit tampak kusam | Facial | 2021-10-18 |
| R010 | OD001 | DC02 | Kulit gelap | Suntik Putih | 2021-10-20 |
| R011 | OD009 | DC08 | Jerawat | Facial | 2021-10-20 |
| R012 | OD017 | DC07 | Pasang Bulu mata | Eyelash extension | 2021-10-26 |
| R013 | OD003 | DC09 | Kulit kering | Moisturizer | 2021-10-30 |
| R014 | OD018 | DC06 | Memutihkan Badan | Suntik DNA salmon | 2021-10-31 |
| R015 | OD014 | DC08 | Kulit kering | Moisturizer | 2021-11-20 |
| R016 | OD019 | DC09 | Bibir gelap | Sulam bibir | 2021-11-25 |
| R017 | OD006 | DC05 | Kulit kering | Moisturizer | 2021-11-29 |
| R018 | OD010 | DC06 | Jerawat | Facial | 2021-12-21 |
| R019 | OD016 | DC10 | Flek Hitam | Microdermabrasi | 2021-12-25 |
| R020 | OD015 | DC04 | Pasang Bulu mata | Eyelash extension | 2021-12-25 |

**Paket (Dibuat oleh Faiza Kunia)**

|  |  |  |  |
| --- | --- | --- | --- |
| **paket\_id** | **nama\_paket** | **deskripsi** | **harga** |
| PC01 | facial | facial merupakan metode perawatan yang efektif untuk meremajakan kulit wajah | 100000 |
| PC02 | chemical peeling | chemical peeling adalah perawatan yang dilakukan untuk mengatasi berbagai masalah kulit seperti kulit kusam, berjerawat, bekas luka, keriput, hingga garis-garis halus di wajah. | 160000 |
| PC03 | microneedling | terapi ini bertujuan untuk memperbaiki tekstur kulit dengan merangsang produksi kolagen. | 600000 |
| PC04 | laser | perawatan ini digunakan untuk meremajakan kulitwajah, laser menghilangkan lapisan kult mati menggunakan sinar | 850000 |
| PC05 | botox | Suntik Botox adalah perawatan Anti-Wrinkle Injection atau biasa disebut Botox (Botox adalah nama brand bukan sebuah treatment) menjadi perawatan wajah populer. | 1250000 |

**Detail Paket (Dibuat oleh Faiza Kunia)**

|  |  |  |
| --- | --- | --- |
| **detail\_id** | **paket\_id** | **fitur** |
| 1 | PC01 | deep cleansing |
| 2 | PC01 | penguapan wajah |
| 3 | PC01 | eksfoliasi |
| 4 | PC01 | clean komedo |
| 5 | PC01 | masker wajah |
| 6 | PC01 | astringen |
| 7 | PC02 | cleansing |
| 8 | PC02 | pengoleskan cairan kimia |
| 9 | PC03 | facial |
| 10 | PC03 | anestasi krim |
| 11 | PC03 | dilukai dengan dermarolle |
| 12 | PC03 | dioles serum |
| 13 | PC04 | cream |
| 14 | PC04 | facial wash |
| 15 | PC04 | laser wajah |
| 16 | PC05 | suntikan protein |
| 17 | PC05 | cleasing |

**Users (Dibuat oleh Faiza Kunia)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **uid** | **email** | **password** | **token** | **joined** |
| U01 | [hoy35@gmail.com](mailto:hoy35@gmail.com) | hoyirullah35 | 012d73e0fab8d26e0f4d65e360775111 | 2021-07-01 |
| U02 | [dherisma@gmail.com](mailto:dherisma@gmail.com) | dherisma10 | 012d73e0fab8d26e0f4d65e360775112 | 2021-04-15 |
| U03 | [faiza10@gmail.com](mailto:faiza10@gmail.com) | fzh12345 | 012d73e0fab8d26e0f4d65e360775113 | 2021-07-03 |
| U04 | [aida14@gmail.com](mailto:aida14@gmail.com) | aidaMillati | 012d73e0fab8d26e0f4d65e360775114 | 2021-07-09 |
| U05 | [cintya44@gmail.com](mailto:cintya44@gmail.com) | cicin44 | 012d73e0fab8d26e0f4d65e360775115 | 2021-05-05 |
| U06 | [fattah11@gmail.com](mailto:fattah11@gmail.com) | ftthul11 | 012d73e0fab8d26e0f4d65e360775116 | 2021-11-17 |
| U07 | [donaLorensa@gmail.com](mailto:donaLorensa@gmail.com) | lorenzadona | 012d73e0fab8d26e0f4d65e360775117 | 2021-07-07 |
| U08 | [tasyaamalia@gmail.com](mailto:tasyaamalia@gmail.com) | annastasya02 | 012d73e0fab8d26e0f4d65e360775118 | 2021-07-08 |
| U09 | [rafly2akbar@gmail.com](mailto:rafly2akbar@gmail.com) | raflykipli | 012d73e0fab8d26e0f4d65e360775119 | 2021-11-15 |
| U10 | [valenciaNugroho@gmail.com](mailto:valenciaNugroho@gmail.com) | valenciashafira | 012d73e0fab8d26e0f4d65e360775120 | 2021-07-10 |
| U11 | [kuncarabakti@gmail.com](mailto:kuncarabakti@gmail.com) | baktikun | 012d73e0fab8d26e0f4d65e360775121 | 2021-07-11 |
| U12 | [auliagusti01@gmail.com](mailto:auliagusti01@gmail.com) | auliagst12 | 012d73e0fab8d26e0f4d65e360775122 | 2021-07-12 |
| U13 | [diltafebi@gmail.com](mailto:diltafebi@gmail.com) | dilta0210 | 012d73e0fab8d26e0f4d65e360775123 | 2021-07-04 |
| U14 | [gustaniameisi99@gmail.com](mailto:gustaniameisi99@gmail.com) | gustaniameisi99 | 012d73e0fab8d26e0f4d65e360775124 | 2021-07-14 |
| U15 | [dewilailatu@gmail.com](mailto:dewilailatu@gmail.com) | dewilai12345 | 012d73e0fab8d26e0f4d65e360775125 | 2021-07-15 |
| U16 | [dekifirmansyah13@gmail.com](mailto:dekifirmansyah13@gmail.com) | dekifrmnsyh13 | 012d73e0fab8d26e0f4d65e360775126 | 2021-07-16 |
| U17 | [safira123@gmail.com](mailto:safira123@gmail.com) | safiradjn123 | 012d73e0fab8d26e0f4d65e360775127 | 2021-05-03 |
| U18 | [satrya29rfq@gmail.com](mailto:satrya29rfq@gmail.com) | satryarfq29 | 012d73e0fab8d26e0f4d65e360775128 | 2021-07-18 |
| U19 | [melicapek@gmail.com](mailto:melicapek@gmail.com) | meliusa4321 | 012d73e0fab8d26e0f4d65e360775129 | 2021-05-07 |
| U20 | [iftitahhidaya32@gmail.com](mailto:iftitahhidaya32@gmail.com) | iftitahhidaya354 | 012d73e0fab8d26e0f4d65e360775130 | 2021-05-08 |
| U21 | [yasminealiya@gmail.com](mailto:yasminealiya@gmail.com) | aliyasmine | 012d73e0fab8d26e0f4d65e360775131 | 2021-05-09 |
| U22 | [dealina10@gmail.com](mailto:dealina10@gmail.com) | dealina1001 | 012d73e0fab8d26e0f4d65e360775132 | 2021-05-10 |
| U23 | [ainiqudusi@gmail.com](mailto:ainiqudusi@gmail.com) | ainiqids45 | 012d73e0fab8d26e0f4d65e360775133 | 2021-05-11 |
| U24 | [catherine14@gmail.com](mailto:catherine14@gmail.com) | catherine345 | 012d73e0fab8d26e0f4d65e360775134 | 2021-07-24 |
| U25 | [abithaputri@gmail.com](mailto:abithaputri@gmail.com) | abithasaputri | 012d73e0fab8d26e0f4d65e360775135 | 2021-05-04 |
| U26 | [wuripribadi11@gmail.com](mailto:wuripribadi11@gmail.com) | wurianggraini | 012d73e0fab8d26e0f4d65e360775136 | 2021-07-26 |
| U27 | [rarandani@gmail.com](mailto:rarandani@gmail.com) | rarandani | 012d73e0fab8d26e0f4d65e360775137 | 2021-07-27 |
| U28 | [nabiel09@gmail.com](mailto:nabiel09@gmail.com) | 123nabiel | 012d73e0fab8d26e0f4d65e360775138 | 2021-07-28 |
| U29 | [desinovita04@gmail.com](mailto:desinovita04@gmail.com) | novitasarides42 | 012d73e0fab8d26e0f4d65e360775139 | 2021-07-29 |
| U30 | [sherlytadinda89@gmail.com](mailto:sherlytadinda89@gmail.com) | umikzher13 | 012d73e0fab8d26e0f4d65e360775140 | 2021-05-08 |
| U31 | [danielputra10@gmail.com](mailto:danielputra10@gmail.com) | danielputra111 | 012d73e0fab8d26e0f4d65e360775141 | 2021-05-09 |
| U32 | [danianjar@gmail.com](mailto:danianjar@gmail.com) | 99danianjar | 012d73e0fab8d26e0f4d65e360775142 | 2021-05-10 |
| U33 | [ginanjar12@gmail.com](mailto:ginanjar12@gmail.com) | giginanjar12 | 012d73e0fab8d26e0f4d65e360775143 | 2021-07-21 |
| U34 | [auliyayak@gmail.com](mailto:auliyayak@gmail.com) | sulthonauliyayak | 012d73e0fab8d26e0f4d65e360775144 | 2021-07-22 |
| U35 | [rizaldarmawan@gmail.com](mailto:rizaldarmawan@gmail.com) | rzldmwn13 | 012d73e0fab8d26e0f4d65e360775145 | 2021-07-23 |
| U36 | [fajarkurniawan@gmail.com](mailto:fajarkurniawan@gmail.com) | fajarhadi67 | 012d73e0fab8d26e0f4d65e360775146 | 2021-07-24 |
| U37 | [usamabintang1@gmail.com](mailto:usamabintang1@gmail.com) | uusbintang1 | 012d73e0fab8d26e0f4d65e360775147 | 2021-07-25 |
| U38 | [rohmanardianto@gmail.com](mailto:rohmanardianto@gmail.com) | rohmanardianto | 012d73e0fab8d26e0f4d65e360775148 | 2021-07-26 |
| U39 | [zakariayhy@gmail.com](mailto:zakariayhy@gmail.com) | zakariyahya | 012d73e0fab8d26e0f4d65e360775149 | 2021-07-27 |
| U40 | [ezrasaputa01@gmail.com](mailto:ezrasaputa01@gmail.com) | ezrasaputra1 | 012d73e0fab8d26e0f4d65e360775150 | 2021-07-28 |

**Pegawai (Dibuat oleh Faiza Kunia)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **pegawai\_id** | **uid** | **nama** | **jk** | **no\_telp** | **alamat** | **tanggal\_lahir** | **status** |
| P01 | U01 | Mochammad Hairullah | L | 08521234 | Bondowoso | 1999-07-01 | active |
| P02 | U02 | Dherisma Hanindita | P | 08523521 | Jember | 1998-12-16 | active |
| P03 | U03 | Faiza Kurnia | P | 08527890 | Probolinggo | 2000-09-01 | active |
| P04 | U04 | Aida Millati | P | 08125725 | Malang | 2001-02-10 | unactive |
| P05 | U05 | Cintya Aprila | P | 08541245 | Situbondo | 1999-04-25 | unactive |
| P06 | U06 | Fattahul Ulum | L | 08169310 | Bandung | 1999-30-08 | unactive |
| P07 | U07 | Lorensa Rohmatir | P | 08234679 | Sidoarjo | 1998-04-31 | active |
| P08 | U08 | Annastasya Ammali | P | 08871028 | Lumajang | 1999-09-05 | active |
| P09 | U09 | Rafly Akbar | L | 08766182 | Solo | 1999-01-01 | unactive |
| P10 | U10 | Valencia Nugroho | P | 08876412 | Surabaya | 1999-06-07 | active |

**Pemilik (Dibuat oleh Faiza Kunia)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **pemilik\_id** | **uid** | **nama** | **jk** | **no\_telp** | **alamat** | **tanggal\_lahir** | **status** |
| D01 | U11 | Kuncara | L | 08464733 | Malang | 1999-09-11 | active |
| D02 | U12 | Gusti | L | 08674663 | Malang | 1998-04-02 | unactive |
| D03 | U13 | Dilta | P | 08657388 | Lumajang | 2001-02-18 | unactive |
| D04 | U14 | Gusta | P | 08756737 | Probolinggo | 1999-12-01 | unactive |
| D05 | U15 | Dewi | P | 08948847 | Lumajang | 1999-04-18 | active |
| D06 | U16 | Deki | L | 08988472 | Malang | 1998-06-10 | unactive |
| D07 | U17 | Safira | P | 08174774 | Malang | 2000-09-07 | active |
| D08 | U18 | Satrya | L | 08874663 | Malang | 2002-11-11 | active |
| D09 | U19 | Meliusa | P | 08998373 | Malang | 2000-02-10 | active |
| D10 | U20 | Iftitah | P | 08876773 | Malang | 1999-05-25 | active |

**Pelanggan (Dibuat oleh Dherisma Hanindita)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **pelanggan\_id** | **uid** | **nama** | **jk** | **no\_telp** | **alamat** | **tanggal\_lahir** | **status** |
| C01 | U21 | Yasmine | P | 08763746372 | Bandung | 1999-09-03 | pelanggan |
| C02 | U22 | Dea | P | 08763746746 | Malang | 1999-12-04 | guest |
| C03 | U23 | Aini | P | 08763746652 | Jakarta | 2003-03-29 | guest |
| C04 | U24 | Catherin | P | 08762146372 | Madura | 2000-02-03 | pelanggan |
| C05 | U25 | Abitha | P | 08237483889 | Malang | 1999-09-06 | pelanggan |
| C06 | U26 | Wuri | P | 08126356478 | Malang | 2001-08-02 | pelanggan |
| C07 | U27 | Rara | P | 08029300499 | Malang | 1999-09-08 | pelanggan |
| C08 | U28 | Nabiel | P | 08657388273 | Surabaya | 1999-09-09 | guest |
| C09 | U29 | Desi | P | 08562377283 | Jember | 1997-05-17 | guest |
| C10 | U30 | Sherlyta | P | 08645533625 | Surabaya | 1999-07-02 | pelanggan |

**Dokter (Dibuat oleh Dherisma Hanindita)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **dokter\_id** | **uid** | **nama** | **jk** | **no\_telp** | **alamat** | **tanggal\_lahir** | **spesialis** | **status** |
| DC01 | U31 | Daniel | L | 08763746752 | Bondowoso | 1990-09-20 | kecantikan | active |
| DC02 | U32 | Daniel | L | 08763747464 | Jember | 1980-09-21 | kecantikan | active |
| DC03 | U33 | Gigin | L | 08763746947 | Probolinggo | 1970-11-22 | kecantikan | unactive |
| DC04 | U34 | Yayak | L | 08762146736 | Malang | 1983-12-23 | kecantikan | active |
| DC05 | U35 | Rizal | L | 08647388283 | Situbondo | 1994-08-24 | kecantikan | unactive |
| DC06 | U36 | Fajar | L | 08126357487 | Bandung | 1993-11-25 | kecantikan | active |
| DC07 | U37 | Usama | L | 08029388730 | Sidoarjo | 1998-12-26 | kecantikan | active |
| DC08 | U38 | Rohman | L | 08657387784 | Lumajang | 1992-01-27 | kecantikan | active |
| DC09 | U39 | Zakari | L | 08562376346 | Solo | 1984-09-28 | kecantikan | unactive |
| DC10 | U40 | Ezra | L | 08645537488 | Surabaya | 1987-04-29 | kecantikan | active |

**PDM (*Physical Data Model*) (Dibuat oleh Mochammad Hairullah)**

**Diagram

Description automatically generated**

**SOAL**

1. pelanggan baru akan didata dulu oleh pegawai.
2. pelanggan bisa memesan paket kecantikan dan hari/tanggal perawatan kecantikan.
3. pelanggan yang sudah berstatus pelanggan tetap dapat mengakses paket premium
4. pegawai dan pemilik klinik bisa memeriksa pembayaran pelanggan
5. setiap pelanggan mempunyai track record perawatan yang dapat diakses oleh dokter klinik dan pemilik klinik.
6. dokter klinik bisa menentukan paket2 kecantikan apa saja yang dapat diakses dan dipesan pelanggan.
7. pemilik klinik bisa menentukan seluruh paket-paket kecantikan yang ada.
8. pemilik klinik bisa melihat rekap kunjungan pelanggan perbulan

**QUERY (Dibuat oleh Dherisma Hanindita)**

Query make database, table dan insert data

use db\_klican;

--

-- Table structure for table users

--

CREATE TABLE users (

uid varchar(3) PRIMARY KEY NOT NULL,

email varchar(50) NOT NULL,

password varchar(255) NOT NULL,

token varchar(255) NOT NULL,

joined date NOT NULL

);

--

-- Table structure for table dokter

--

CREATE TABLE dokter (

dokter\_id varchar(10) PRIMARY KEY NOT NULL,

uid varchar(3) NOT NULL,

nama varchar(50) NOT NULL,

jk varchar(2) NOT NULL,

no\_telp varchar(16) NOT NULL,

alamat text DEFAULT NULL,

tanggal\_lahir date NOT NULL,

spesialis varchar(50) NOT NULL,

status varchar(10) NOT NULL,

FOREIGN KEY (uid) REFERENCES users(uid)

);

--

-- Table structure for table pegawai

--

CREATE TABLE pegawai (

pegawai\_id varchar(10) PRIMARY KEY NOT NULL,

uid varchar(3) NOT NULL,

nama varchar(50) NOT NULL,

jk varchar(2) NOT NULL,

no\_telp varchar(16) NOT NULL,

alamat text DEFAULT NULL,

tanggal\_lahir date NOT NULL,

status varchar(10) NOT NULL,

FOREIGN KEY (uid) REFERENCES users(uid)

);

--

-- Table structure for table pelanggan

--

CREATE TABLE pelanggan (

pelanggan\_id varchar(10) PRIMARY KEY NOT NULL,

uid varchar(3) NOT NULL,

nama varchar(50) NOT NULL,

jk varchar(2) NOT NULL,

no\_telp varchar(16) NOT NULL,

alamat text DEFAULT NULL,

tanggal\_lahir date NOT NULL,

status varchar(10) NOT NULL,

FOREIGN KEY (uid) REFERENCES users(uid)

);

--

-- Table structure for table pemilik

--

CREATE TABLE pemilik (

pemilik\_id varchar(10) PRIMARY KEY NOT NULL,

uid varchar(3) NOT NULL,

nama varchar(50) NOT NULL,

jk varchar(2) NOT NULL,

no\_telp varchar(16) NOT NULL,

alamat text DEFAULT NULL,

tanggal\_lahir date DEFAULT NULL,

status varchar(10) NOT NULL,

FOREIGN KEY (uid) REFERENCES users(uid)

);

--

-- Table structure for table paket

--

CREATE TABLE paket (

paket\_id varchar(10) PRIMARY KEY NOT NULL,

nama\_paket varchar(50) NOT NULL,

deskripsi text DEFAULT NULL,

harga float NOT NULL

);

--

-- Table structure for table detail\_paket

--

CREATE TABLE detail\_paket (

detail\_id int IDENTITY PRIMARY KEY NOT NULL,

paket\_id varchar(10) NOT NULL,

fitur varchar(100) NOT NULL,

FOREIGN KEY (paket\_id) REFERENCES paket(paket\_id)

);

--

-- Table structure for table orders

--

CREATE TABLE orders (

oid varchar(6) PRIMARY KEY NOT NULL,

pelanggan\_id varchar(10) NOT NULL,

pegawai\_id varchar(10) NOT NULL,

paket\_id varchar(10) NOT NULL,

tanggal date NOT NULL,

total\_bayar float NOT NULL,

FOREIGN KEY (pelanggan\_id) REFERENCES pelanggan(pelanggan\_id),

FOREIGN KEY (pegawai\_id) REFERENCES pegawai(pegawai\_id),

FOREIGN KEY (paket\_id) REFERENCES paket(paket\_id)

);

--

-- Table structure for table payments

--

CREATE TABLE payments (

pay\_id varchar(8) PRIMARY KEY NOT NULL,

oid varchar(6) NOT NULL,

metode varchar(20) NOT NULL,

bank varchar(10) NOT NULL,

no\_rek varchar(20) NOT NULL,

total float NOT NULL,

bayar float NOT NULL,

status varchar(10) NOT NULL,

FOREIGN KEY (oid) REFERENCES orders(oid)

);

--

-- Table structure for table perawatan

--

CREATE TABLE perawatan (

rawat\_id varchar(8) PRIMARY KEY NOT NULL,

oid varchar(6) NOT NULL,

dokter\_id varchar(10) NOT NULL,

hasil varchar(100) NOT NULL,

solusi text NOT NULL,

tanggal\_rawat date NOT NULL,

FOREIGN KEY (oid) REFERENCES orders(oid),

FOREIGN KEY (dokter\_id) REFERENCES dokter(dokter\_id)

);

--

-- Dumping data for table users

--

INSERT INTO users VALUES

('U01', 'hoy35@gmail.com', 'hoyirullah35', '012d73e0fab8d26e0f4d65e360775111', '2021-07-01'),

('U02', 'dherisma@gmail.com', 'dherisma10', '012d73e0fab8d26e0f4d65e360775112', '2021-04-15'),

('U03', 'faiza10@gmail.com', 'fzh12345', '012d73e0fab8d26e0f4d65e360775113', '2021-07-03'),

('U04', 'aida14@gmail.com', 'aidaMillati', '012d73e0fab8d26e0f4d65e360775114', '2021-07-09'),

('U05', 'cintya44@gmail.com', 'cicin44', '012d73e0fab8d26e0f4d65e360775115', '2021-05-05'),

('U06', 'fattah11@gmail.com', 'ftthul11', '012d73e0fab8d26e0f4d65e360775116', '2021-11-17'),

('U07', 'donaLorensa@gmail.com', 'lorenzadona', '012d73e0fab8d26e0f4d65e360775117', '2021-07-07'),

('U08', 'tasyaamalia@gmail.com', 'annastasya02', '012d73e0fab8d26e0f4d65e360775118', '2021-07-08'),

('U09', 'rafly2akbar@gmail.com', 'raflykipli', '012d73e0fab8d26e0f4d65e360775119', '2021-11-15'),

('U10', 'valenciaNugroho@gmail.com', 'valenciashafira', '012d73e0fab8d26e0f4d65e360775120', '2021-07-10'),

('U11', 'kuncarabakti@gmail.com', 'baktikun', '012d73e0fab8d26e0f4d65e360775121', '2021-07-11'),

('U12', 'auliagusti01@gmail.com', 'auliagst12', '012d73e0fab8d26e0f4d65e360775122', '2021-07-12'),

('U13', 'diltafebi@gmail.com', 'dilta0210', '012d73e0fab8d26e0f4d65e360775123', '2021-07-04'),

('U14', 'gustaniameisi99@gmail.com', 'gustaniameisi99', '012d73e0fab8d26e0f4d65e360775124', '2021-07-14'),

('U15', 'dewilailatu@gmail.com', 'dewilai12345', '012d73e0fab8d26e0f4d65e360775125', '2021-07-15'),

('U16', 'dekifirmansyah13@gmail.com', 'dekifrmnsyh13', '012d73e0fab8d26e0f4d65e360775126', '2021-07-16'),

('U17', 'safira123@gmail.com', 'safiradjn123', '012d73e0fab8d26e0f4d65e360775127', '2021-05-03'),

('U18', 'satrya29rfq@gmail.com', 'satryarfq29', '012d73e0fab8d26e0f4d65e360775128', '2021-07-18'),

('U19', 'melicapek@gmail.com', 'meliusa4321', '012d73e0fab8d26e0f4d65e360775129', '2021-05-07'),

('U20', 'iftitahhidaya32@gmail.com', 'iftitahhidaya354', '012d73e0fab8d26e0f4d65e360775130', '2021-05-08'),

('U21', 'yasminealiya@gmail.com', 'aliyasmine', '012d73e0fab8d26e0f4d65e360775131', '2021-05-09'),

('U22', 'dealina10@gmail.com', 'dealina1001', '012d73e0fab8d26e0f4d65e360775132', '2021-05-10'),

('U23', 'ainiqudusi@gmail.com', 'ainiqids45', '012d73e0fab8d26e0f4d65e360775133', '2021-05-11'),

('U24', 'catherine14@gmail.com', 'catherine345', '012d73e0fab8d26e0f4d65e360775134', '2021-07-24'),

('U25', 'abithaputri@gmail.com', 'abithasaputri', '012d73e0fab8d26e0f4d65e360775135', '2021-05-04'),

('U26', 'wuripribadi11@gmail.com', 'wurianggraini', '012d73e0fab8d26e0f4d65e360775136', '2021-07-26'),

('U27', 'rarandani@gmail.com', 'rarandani', '012d73e0fab8d26e0f4d65e360775137', '2021-07-27'),

('U28', 'nabiel09@gmail.com', '123nabiel', '012d73e0fab8d26e0f4d65e360775138', '2021-07-28'),

('U29', 'desinovita04@gmail.com', 'novitasarides42', '012d73e0fab8d26e0f4d65e360775139', '2021-07-29'),

('U30', 'sherlytadinda89@gmail.com', 'umikzher13', '012d73e0fab8d26e0f4d65e360775140', '2021-05-08'),

('U31', 'danielputra10@gmail.com', 'danielputra111', '012d73e0fab8d26e0f4d65e360775141', '2021-05-09'),

('U32', 'danianjar@gmail.com', '99danianjar', '012d73e0fab8d26e0f4d65e360775142', '2021-05-10'),

('U33', 'ginanjar12@gmail.com', 'giginanjar12', '012d73e0fab8d26e0f4d65e360775143', '2021-07-21'),

('U34', 'auliyayak@gmail.com', 'sulthonauliyayak', '012d73e0fab8d26e0f4d65e360775144', '2021-07-22'),

('U35', 'rizaldarmawan@gmail.com', 'rzldmwn13', '012d73e0fab8d26e0f4d65e360775145', '2021-07-23'),

('U36', 'fajarkurniawan@gmail.com', 'fajarhadi67', '012d73e0fab8d26e0f4d65e360775146', '2021-07-24'),

('U37', 'usamabintang1@gmail.com', 'uusbintang1', '012d73e0fab8d26e0f4d65e360775147', '2021-07-25'),

('U38', 'rohmanardianto@gmail.com', 'rohmanardianto', '012d73e0fab8d26e0f4d65e360775148', '2021-07-26'),

('U39', 'zakariayhy@gmail.com', 'zakariyahya', '012d73e0fab8d26e0f4d65e360775149', '2021-07-27'),

('U40', 'ezrasaputa01@gmail.com', 'ezrasaputra1', '012d73e0fab8d26e0f4d65e360775150', '2021-07-28');

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--

-- Dumping data for table dokter

--

INSERT INTO dokter VALUES

('DC01', 'U31', 'Daniel', 'L', '08763746752', 'Bondowoso', '1990-09-20', 'kecantikan', 'active'),

('DC02', 'U32', 'Daniel', 'L', '08763747464', 'Jember', '1980-09-21', 'kecantikan', 'active'),

('DC03', 'U33', 'Gigin', 'L', '08763746947', 'Probolinggo', '1970-11-22', 'kecantikan', 'unactive'),

('DC04', 'U34', 'Yayak', 'L', '08762146736', 'Malang', '1983-12-23', 'kecantikan', 'active'),

('DC05', 'U35', 'Rizal', 'L', '08647388283', 'Situbondo', '1994-08-24', 'kecantikan', 'unactive'),

('DC06', 'U36', 'Fajar', 'L', '08126357487', 'Bandung', '1993-11-25', 'kecantikan', 'active'),

('DC07', 'U37', 'Usama', 'L', '08029388730', 'Sidoarjo', '1998-12-26', 'kecantikan', 'active'),

('DC08', 'U38', 'Rohman', 'L', '08657387784', 'Lumajang', '1992-01-27', 'kecantikan', 'active'),

('DC09', 'U39', 'Zakari', 'L', '08562376346', 'Solo', '1984-09-28', 'kecantikan', 'unactive'),

('DC10', 'U40', 'Ezra', 'L', '08645537488', 'Surabaya', '1987-04-29', 'kecantikan', 'active');

-- --------------------------------------------------------

--

-- Dumping data for table pegawai

--

INSERT INTO pegawai VALUES

('P01', 'U01', 'Mochammad Hairullah', 'L', '8521234', 'Bondowoso', '1999-07-23', 'active'),

('P02', 'U02', 'Dherisma Hanindita', 'P', '8523521', 'Jember', '2000-07-11', 'active'),

('P03', 'U03', 'Faiza Kurnia', 'P', '8527890', 'Probolinggo', '1990-07-10', 'active'),

('P04', 'U04', 'Aida Millati', 'P', '8125725', 'Malang', '1999-12-04', 'unactive'),

('P05', 'U05', 'Cintya Aprila', 'P', '8541245', 'Situbondo', '1992-02-09', 'unactive'),

('P06', 'U06', 'Fattahul Ulum', 'L', '8169310', 'Bandung', '1989-01-06', 'unactive'),

('P07', 'U07', 'Lorensa Rohmatir', 'P', '8234679', 'Sidoarjo', '1998-01-17', 'active'),

('P08', 'U08', 'Annastasya Ammali', 'P', '8871028', 'Lumajang', '1991-11-08', 'active'),

('P09', 'U09', 'Rafly Akbar', 'L', '8766182', 'Solo', '1999-07-02', 'unactive'),

('P10', 'U10', 'Valencia Nugroho', 'P', '8876412', 'Surabaya', '1989-04-22', 'active');

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--

-- Dumping data for table pelanggan

--

INSERT INTO pelanggan VALUES

('C01', 'U21', 'Yasmine', 'P', '08763746372', 'Bandung', '1999-09-03', 'pelanggan'),

('C02', 'U22', 'Dea', 'P', '08763746746', 'Malang', '1999-12-04', 'guest'),

('C03', 'U23', 'Aini', 'P', '08763746652', 'Jakarta', '2003-03-29', 'guest'),

('C04', 'U24', 'Catherin', 'P', '08762146372', 'Madura', '2000-02-03', 'pelanggan'),

('C05', 'U25', 'Abitha', 'P', '08237483889', 'Malang', '1999-09-06', 'pelanggan'),

('C06', 'U26', 'Wuri', 'P', '08126356478', 'Malang', '2001-08-02', 'pelanggan'),

('C07', 'U27', 'Rara', 'P', '08029300499', 'Malang', '1999-09-08', 'pelanggan'),

('C08', 'U28', 'Nabiel', 'P', '08657388273', 'Surabaya', '1999-09-09', 'guest'),

('C09', 'U29', 'Desi', 'P', '08562377283', 'Jember', '1997-05-17', 'guest'),

('C10', 'U30', 'Sherlyta', 'P', '08645533625', 'Surabaya', '1999-07-02', 'pelanggan');

-- --------------------------------------------------------

--

-- Dumping data for table pemilik

--

INSERT INTO pemilik VALUES

('D01', 'U11', 'Kuncara', 'L', '08464733', 'Malang', '1999-09-11', 'active'),

('D02', 'U12', 'Gusti', 'L', '08674663', 'Malang', '1998-04-02', 'unactive'),

('D03', 'U13', 'Dilta', 'P', '08657388', 'Lumajang', '2001-02-18', 'unactive'),

('D04', 'U14', 'Gusta', 'P', '08756737', 'Probolinggo', '1999-12-01', 'unactive'),

('D05', 'U15', 'Dewi', 'P', '08948847', 'Lumajang', '1999-04-18', 'active'),

('D06', 'U16', 'Deki', 'L', '08988472', 'Malang', '1998-06-10', 'unactive'),

('D07', 'U17', 'Safira', 'P', '08174774', 'Malang', '2000-09-07', 'active'),

('D08', 'U18', 'Satrya', 'L', '08874663', 'Malang', '2002-11-11', 'active'),

('D09', 'U19', 'Meliusa', 'P', '08998373', 'Malang', '2000-02-10', 'active'),

('D10', 'U20', 'Iftitah', 'P', '08876773', 'Malang', '1999-05-25', 'active');

-- --------------------------------------------------------

--

-- Dumping data for table paket

--

INSERT INTO paket VALUES

('PC01', 'facial', 'facial merupakan metode perawatan yang efektif untuk meremajakan kulit wajah ', 100000),

('PC02', 'chemical peeling', 'chemical peeling adalah perawatan yang dilakukan untuk mengatasi berbagai masalah kulit seperti kulit kusam, berjerawat, bekas luka, keriput, hingga garis-garis halus di wajah.', 160000),

('PC03', 'microneedling', 'terapi ini bertujuan untuk memperbaiki tekstur kulit dengan merangsang produksi kolagen.', 600000),

('PC04', 'laser', 'perawatan ini digunakan untuk meremajakan kulitwajah, laser menghilangkan lapisan kult mati menggunakan sinar', 850000),

('PC05', 'botox', 'Suntik Botox adalah perawatan Anti-Wrinkle Injection atau biasa disebut Botox (Botox adalah nama brand bukan sebuah treatment) menjadi perawatan wajah populer.', 1250000);

-- --------------------------------------------------------

--

-- Dumping data for table detail\_paket

INSERT INTO detail\_paket VALUES

('PC01', 'deep cleansing'),

('PC01', 'penguapan wajah'),

('PC01', 'eksfoliasi'),

('PC01', 'clean komedo'),

('PC01', 'masker wajah'),

('PC01', 'astringen'),

('PC02', 'cleansing'),

('PC02', 'pengoleskan cairan kimia '),

('PC03', 'facial'),

('PC03', 'anestasi krim'),

('PC03', 'dilukai dengan dermarolle'),

('PC03', 'dioles serum'),

('PC04', 'cream'),

('PC04', 'facial wash'),

('PC04', 'laser wajah'),

('PC05', 'suntikan protein'),

('PC05', 'cleasing');

-- --------------------------------------------------------

--

-- Dumping data for table orders

--

INSERT INTO orders VALUES

('OD001', 'C09', 'P01', 'PC05', '2021-09-02', 1250000),

('OD002', 'C01', 'P04', 'PC04', '2021-09-14', 850000),

('OD003', 'C10', 'P05', 'PC03', '2021-09-17', 600000),

('OD004', 'C04', 'P09', 'PC05', '2021-09-29', 1250000),

('OD005', 'C09', 'P05', 'PC05', '2021-10-01', 1250000),

('OD006', 'C06', 'P02', 'PC01', '2021-10-04', 100000),

('OD007', 'C07', 'P01', 'PC05', '2021-10-14', 1250000),

('OD008', 'C08', 'P08', 'PC04', '2021-10-18', 850000),

('OD009', 'C04', 'P09', 'PC01', '2021-10-20', 100000),

('OD010', 'C02', 'P06', 'PC02', '2021-10-20', 160000),

('OD011', 'C06', 'P03', 'PC01', '2021-10-26', 100000),

('OD012', 'C09', 'P10', 'PC05', '2021-10-30', 1250000),

('OD013', 'C01', 'P07', 'PC03', '2021-10-31', 600000),

('OD014', 'C01', 'P02', 'PC04', '2021-11-14', 850000),

('OD015', 'C05', 'P03', 'PC01', '2021-11-20', 100000),

('OD016', 'C09', 'P01', 'PC05', '2021-11-25', 1250000),

('OD017', 'C04', 'P06', 'PC03', '2021-11-29', 600000),

('OD018', 'C08', 'P10', 'PC01', '2021-12-21', 100000),

('OD019', 'C10', 'P05', 'PC02', '2021-12-25', 160000),

('OD020', 'C05', 'P07', 'PC02', '2021-12-25', 160000);

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--

-- Dumping data for table payments

--

INSERT INTO payments VALUES

('PAY0001', 'OD001', 'cash', '-', '-', 1250000, 1250000, 'pending'),

('PAY0002', 'OD002', 'debit', 'BCA', '14039488', 850000, 850000, 'process'),

('PAY0003', 'OD003', 'debit', '-', '', 600000, 600000, 'success'),

('PAY0004', 'OD004', 'cash', '-', '', 1250000, 1250000, 'pending'),

('PAY0005', 'OD005', 'debit', 'BCA', '14062352', 1250000, 1250000, 'process'),

('PAY0006', 'OD006', 'cash', '-', '', 100000, 100000, 'success'),

('PAY0007', 'OD007', 'debit', 'BNI', '00952532', 1250000, 1250000, 'pending'),

('PAY0008', 'OD008', 'debit', 'BCA', '14052352', 850000, 850000, 'process'),

('PAY0009', 'OD009', 'debit', 'BRI', '00273352', 100000, 100000, 'success'),

('PAY0010', 'OD010', 'debit', 'BNI', '00955325', 160000, 160000, 'success'),

('PAY0011', 'OD011', 'cash', '-', '', 100000, 100000, 'pending'),

('PAY0012', 'OD012', 'cash', '-', '', 1250000, 1250000, 'process'),

('PAY0013', 'OD013', 'cash', '-', '', 600000, 600000, 'success'),

('PAY0014', 'OD014', 'debit', 'BRI', '00277346', 850000, 850000, 'success'),

('PAY0015', 'OD015', 'debit', 'BRI', '00278497', 100000, 100000, 'success'),

('PAY0016', 'OD016', 'cash', '-', '', 1250000, 1250000, 'pending'),

('PAY0017', 'OD017', 'debit', 'BCA', '14039488', 600000, 600000, 'success'),

('PAY0018', 'OD018', 'cash', '-', '', 100000, 100000, 'success'),

('PAY0019', 'OD019', 'cash', '-', '', 160000, 160000, 'process'),

('PAY0020', 'OD020', 'debit', 'BCA', '14025325', 160000, 160000, 'process');

-- --------------------------------------------------------

--

-- Dumping data for table perawatan

--

INSERT INTO perawatan VALUES

('R001', 'OD012', 'DC01', 'Kulit tampak kusam', 'Facial', '2021-09-02'),

('R002', 'OD008', 'DC01', 'Jerawat', 'Facial', '2021-09-14'),

('R003', 'OD011', 'DC06', 'Kulit kusam', 'Exfoliate', '2021-09-17'),

('R004', 'OD002', 'DC04', 'Kulit gelap', 'Suntik Putih', '2021-09-29'),

('R005', 'OD013', 'DC02', 'Komedo Berlebihan', 'Clean komedo', '2021-10-01'),

('R006', 'OD004', 'DC05', 'Pasang Bulu mata', 'Eyelash extension', '2021-10-04'),

('R007', 'OD005', 'DC03', 'Lapisan Kulit terlalu tipis', 'Laser', '2021-10-04'),

('R008', 'OD020', 'DC07', 'Bibir gelap', 'Sulam bibir', '2021-10-14'),

('R009', 'OD007', 'DC10', 'Kulit tampak kusam', 'Facial', '2021-10-18'),

('R010', 'OD001', 'DC02', 'Kulit gelap', 'Suntik Putih', '2021-10-20'),

('R011', 'OD009', 'DC08', 'Jerawat', 'Facial', '2021-10-20'),

('R012', 'OD017', 'DC07', 'Pasang Bulu mata', 'Eyelash extension', '2021-10-26'),

('R013', 'OD003', 'DC09', 'Kulit kering', 'Moisturizer', '2021-10-30'),

('R014', 'OD018', 'DC06', 'Memutihkan Badan', 'Suntik DNA salmon', '2021-10-31'),

('R015', 'OD014', 'DC08', 'Kulit kering', 'Moisturizer', '2021-11-20'),

('R016', 'OD019', 'DC09', 'Bibir gelap', 'Sulam bibir', '2021-11-25'),

('R017', 'OD006', 'DC05', 'Kulit kering', 'Moisturizer', '2021-11-29'),

('R018', 'OD010', 'DC06', 'Jerawat', 'Facial', '2021-12-21'),

('R019', 'OD016', 'DC10', 'Flek Hitam', 'Microdermabrasi', '2021-12-25'),

('R020', 'OD015', 'DC04', 'Pasang Bulu mata', 'Eyelash extension', '2021-12-25');

Query (**Dibuat oleh Mochammad Hairullah**)

use db\_klican;

-- Function Login

GO

ALTER FUNCTION auth(@email varchar(50), @password varchar(255))

RETURNS TABLE

AS

RETURN (

select \* from users u where u.email = @email and u.password = @password

)

GO

-- End Function Login

-- View Pelanggan

GO

ALTER VIEW getPelanggan AS

SELECT

pl.pelanggan\_id, pl.nama, pl.jk, pl.no\_telp,

pl.alamat, pl.tanggal\_lahir, pl.status,

u.email, u.password, u.token, u.joined

FROM pelanggan pl

INNER JOIN users u ON u.uid = pl.uid

GO

-- End View Pelanggan

-- View Pemilik

GO

ALTER VIEW getPemilik AS

SELECT

pm.pemilik\_id, pm.nama, pm.jk, pm.no\_telp,

pm.alamat, pm.tanggal\_lahir, pm.status,

u.email, u.password, u.token, u.joined

FROM pemilik pm

INNER JOIN users u ON u.uid = pm.uid

GO

-- End View Pemilik

-- View Dokter

GO

ALTER VIEW getDokter AS

SELECT

dk.dokter\_id, dk.nama, dk.jk, dk.no\_telp,

dk.alamat, dk.tanggal\_lahir, dk.status,

u.email, u.password, u.token, u.joined

FROM dokter dk

INNER JOIN users u ON u.uid = dk.uid

GO

-- End View Dokter

-- View Pegawai

GO

ALTER VIEW getPegawai AS

SELECT

pg.pegawai\_id, pg.nama, pg.jk, pg.no\_telp,

pg.alamat, pg.tanggal\_lahir, pg.status,

u.email, u.password, u.token, u.joined

FROM pegawai pg

INNER JOIN users u ON u.uid = pg.uid

GO

-- End View Pegawai

Login (**Dibuat oleh Mochammad Hairullah**)

Text

Description automatically generated with low confidence

**Nomor 1 (Dibuat oleh Mochammad Hairullah)**

Membuat procedure untuk menambah pelanggan

-- NO 1 (pelanggan baru akan didata dulu oleh pegawai)

-- Prosedure Tambah Pelanggan oleh pegawai

-- NB : Pegawai harus login terlebih dahulu

GO

CREATE PROCEDURE masterPelanggan(

@email varchar(50),

@password varchar(255),

@nama varchar(50),

@jk varchar(2),

@no\_telp varchar(16),

@alamat text,

@tanggal\_lahir date,

@status varchar(10),

@decision varchar(10)

)

as

BEGIN

declare @userID int = (SELECT count(uid) + 1 as id FROM users)

declare @pelangganID int = (SELECT count(pelanggan\_id) + 1 as id FROM pelanggan)

declare @uid VARCHAR(6) = cast(@userID as varchar(6))

declare @pelanggan\_id VARCHAR(6) = cast(@pelangganID as varchar(6))

declare @msg VARCHAR(50) = 'Insert Success'

IF @pelangganID < 10 and @userID < 10

BEGIN

SET @pelanggan\_id = CONCAT('C0', @pelanggan\_id)

SET @uid = CONCAT('U0', @uid)

END

IF @pelangganID >= 10 and @userID >= 10

BEGIN

SET @pelanggan\_id = CONCAT('C', @pelanggan\_id)

SET @uid = CONCAT('U', @uid)

END

Declare @token VARCHAR(255) = (select SUBSTRING(sys.fn\_sqlvarbasetostr(HASHBYTES('MD5', @email)),3,32))

IF @decision = 'insert'

BEGIN

insert into users values(@uid, @email, @password, @token, GETDATE())

IF @uid IS NOT NULL

BEGIN

insert into pelanggan values(@pelanggan\_id, @uid, @nama, @jk, @no\_telp, @alamat, @tanggal\_lahir, @status)

select @msg as message

END

END

END

GO

-- End Prosedure

Dan pegawai akan execute procedure (**Dibuat oleh Mochammad Hairullah**)

--

EXEC masterPelanggan @email = 'anggerdwi@gmail.com', @password = 'angger123', @nama = 'Angger Dwi', @jk = 'L', @no\_telp = '08734647362', @alamat = 'Lorem Ipsum', @tanggal\_lahir = '1999-10-01', @status = 'pelanggan', @decision = 'insert'

Output

Graphical user interface

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

**Nomor 2 (Dibuat oleh Mochammad Hairullah)**

Membuat Procedure order

-- NO 2 (pelanggan bisa memesan paket kecantikan

-- Procedure OrderPaket

GO

CREATE PROCEDURE orderPaket(

@pelanggan\_id VARCHAR(10),

@pegawai\_id VARCHAR(10),

@paket\_id VARCHAR(10),

@dokter\_id VARCHAR(10),

@tanggal\_rawat DATE

)

AS

BEGIN

declare @orderID int = (SELECT count(oid) + 1 as id FROM orders)

declare @rawatID int = (SELECT count(rawat\_id) + 1 as id FROM perawatan)

declare @payID int = (SELECT count(pay\_id) + 1 as id FROM payments)

declare @oid VARCHAR(6) = cast(@orderID as varchar(6))

declare @pay\_id VARCHAR(8) = cast(@payID as varchar(6))

declare @rawat\_id VARCHAR(8) = cast(@rawatID as varchar(6))

declare @msg VARCHAR(100) = ''

IF @orderID < 10 and @rawatID < 10

BEGIN

SET @rawat\_id = CONCAT('R00', @rawat\_id)

SET @oid = CONCAT('OD00', @oid)

SET @pay\_id = CONCAT('PAY000', @pay\_id)

END

IF @orderID >= 10 and @rawatID >= 10

BEGIN

SET @rawat\_id = CONCAT('R0', @rawat\_id)

SET @oid = CONCAT('OD0', @oid)

SET @pay\_id = CONCAT('PAY00', @pay\_id)

END

declare @checkPelanggan VARCHAR(10) = (select pelanggan\_id from pelanggan WHERE pelanggan\_id=@pelanggan\_id)

declare @checkPegawai VARCHAR(10) = (select pegawai\_id from pegawai WHERE pegawai\_id=@pegawai\_id)

declare @checkPaket VARCHAR(10) = (select paket\_id from paket WHERE paket\_id=@paket\_id)

declare @checkDokter VARCHAR(10) = (select dokter\_id from dokter WHERE dokter\_id=@dokter\_id)

IF @pelanggan\_id = @checkPelanggan and @pegawai\_id = @checkPegawai and @paket\_id = @checkPaket

BEGIN

declare @total float = (select harga from paket where paket\_id=@paket\_id)

insert into orders values(@oid, @pelanggan\_id, @pegawai\_id, @paket\_id, GETDATE(), @total)

IF @oid IS NOT NULL and @dokter\_id = @checkDokter

BEGIN

insert into perawatan values(@rawat\_id, @oid, @dokter\_id, '', '', @tanggal\_rawat)

insert into payments values(@pay\_id, @oid, '-', '-', '-', @total, '0', 'pending')

SET @msg = 'Success, Order Berhasil. Silahkan melakukan pembayaran!'

SELECT @msg as message

END

END

ELSE

BEGIN

SET @msg = 'Error, mungkin data yang anda inputkan belum ada silahkan cek kembali data anda'

SELECT @msg as message

END

END

GO

-- End Procedure OrderPaket

Order Paket (**Dibuat oleh Mochammad Hairullah**)

-- Pegawai melakukan insert order yang diminta oleh pelanggan

EXEC orderPaket @pelanggan\_id = 'C01', @pegawai\_id = 'P01', @paket\_id = 'PC01', @dokter\_id = 'DC04', @tanggal\_rawat = '2021-12-12'

Output

Graphical user interface, text, application

Description automatically generated

Membuat procedure pembayaran (**Dibuat oleh Mochammad Hairullah**)

-- Prosedure Pembayaran

GO

CREATE PROCEDURE paymentOrder(

@oid VARCHAR(6),

@metode varchar(20),

@bank varchar(10),

@no\_rek varchar(20),

@bayar float

)

AS

BEGIN

declare @total FLOAT = (select total from payments where oid=@oid)

declare @msg VARCHAR(100) = ''

IF @bayar = @total

BEGIN

UPDATE payments SET metode=@metode, bank=@bank, no\_rek=@no\_rek, bayar=@bayar, [status]='success' where oid=@oid

SELECT \* FROM payments WHERE oid=@oid

END

ELSE

BEGIN

SET @msg = 'Error, Uang anda kurang, Uang harus pas dengan total bayar!'

SELECT @msg as message

END

END

GO

-- End Procedure

Membayar order (**Dibuat oleh Mochammad Hairullah**)

Text

Description automatically generated

**Nomor 3 (Dibuat oleh Dherisma Hanindita)**

Mambuat Procedure agar pelanggan yang berstatus pelanggan bisa akses paket paket yang ada pada aplikasi

-- NO 3 (pelanggan yang sudah berstatus pelanggan tetap dapat mengakses paket premium)

-- Procedure PremiumPaket

GO

CREATE PROCEDURE premiumPaket(@pelanggan\_id VARCHAR(10))

AS

BEGIN

declare @checkStatus varchar(10) = (select [status] from pelanggan where pelanggan\_id=@pelanggan\_id)

declare @msg VARCHAR(100) = ''

IF @checkStatus = 'pelanggan' or @checkStatus = 'guest'

BEGIN

SELECT \* FROM paket

END

ELSE

BEGIN

SET @msg = 'ID Pelanggan tidak terdaftar'

SELECT @msg as message

END

END

GO

-- End Procedure

Output (**Dibuat oleh Dherisma Hanindita**)

A screenshot of a computer

Description automatically generated with medium confidence

**Nomor 4 (Dibuat oleh Mochammad Hairullah)**

Membuat view untuk memeriksa pembayaran pelanggan

-- NO 4 (pegawai dan pemilik klinik bisa memeriksa pembayaran pelanggan)

-- View v\_pembayaran

GO

CREATE VIEW v\_pembayaran AS

SELECT

p.pay\_id, o.oid, c.nama, c.alamat, c.[status] as statusPelanggan,

o.tanggal as tanggalOrder, o.total\_bayar,

pk.nama\_paket, p.metode, p.bank, p.no\_rek, p.bayar, p.[status] as statusPay

FROM payments p

INNER JOIN orders o ON o.oid = p.oid

INNER JOIN pelanggan c ON c.pelanggan\_id = o.pelanggan\_id

INNER JOIN pegawai pg ON pg.pegawai\_id = o.pegawai\_id

INNER JOIN paket pk ON pk.paket\_id = o.paket\_id

GO

-- End View

Membuat procedure untuk memvalidasi user (**Dibuat oleh Mochammad Hairullah**)

-- Menggunakan stored procedure

-- Procedure checkPayment

GO

CREATE PROCEDURE checkPayments(@id VARCHAR(10))

AS

BEGIN

declare @checkPemilik VARCHAR(10) = (select pemilik\_id from pemilik where pemilik\_id=@id)

declare @checkPegawai VARCHAR(10) = (select pegawai\_id from pegawai where pegawai\_id=@id)

declare @msg VARCHAR(100) = ''

IF @id = @checkPegawai or @id = @checkPemilik

BEGIN

select \* from v\_pembayaran

END

ELSE

BEGIN

SET @msg = 'ID Pemilik / ID Pegawai tidak terdaftar'

SELECT @msg as message

END

END

GO

-- End Procedure

Ouput

A screen shot of a computer

Description automatically generated with low confidence

**Nomor 5 (Dibuat oleh Faiza Kurnia)**

Membuat view track record pelanggan

-- NO 5 (setiap pelanggan mempunyai track record perawatan yang dapat diakses oleh dokter klinik dan pemilik klinik)

-- view v\_track\_record

GO

CREATE VIEW v\_track\_record AS

SELECT

c.nama, c.alamat, dk.nama as dokter,

pr.hasil, pr.solusi, pr.tanggal\_rawat,

pk.nama\_paket, c.[status] as statusPelanggan

FROM perawatan pr

INNER JOIN orders o ON o.oid = pr.oid

INNER JOIN pelanggan c ON c.pelanggan\_id = o.pelanggan\_id

INNER JOIN dokter dk ON dk.dokter\_id = pr.dokter\_id

INNER JOIN paket pk ON pk.paket\_id = o.paket\_id

GO

-- End View

Membuat procedure untuk memvalidasi user yang mengaksis (**Dibuat oleh Faiza Kurnia**)

-- Menggunakan stored procedure

-- Procedure checkTrackRecord

GO

CREATE PROCEDURE checkTrackRecord(@id VARCHAR(10))

AS

BEGIN

declare @checkPemilik VARCHAR(10) = (select pemilik\_id from pemilik where pemilik\_id=@id)

declare @checkDokter VARCHAR(10) = (select dokter\_id from dokter where dokter\_id=@id)

declare @msg VARCHAR(100) = ''

IF @id = @checkDokter or @id = @checkPemilik

BEGIN

select \* from v\_track\_record

END

ELSE

BEGIN

SET @msg = 'ID Pemilik / ID Dokter tidak terdaftar'

SELECT @msg as message

END

END

GO

-- End Procedure

Output

A picture containing graphical user interface

Description automatically generated

**Nomor 6 (Dibuat oleh Dherisma Hanindita)**

Membuat procedure

-- NO 6 (dokter klinik bisa menentukan paket2 kecantikan apa saja yang dapat diakses dan dipesan pelanggan)

-- Menggunakan Procedure

GO

CREATE PROCEDURE checkPaket(@id VARCHAR(10))

AS

BEGIN

declare @checkPemilik VARCHAR(10) = (select pemilik\_id from pemilik where pemilik\_id=@id)

declare @checkDokter VARCHAR(10) = (select dokter\_id from dokter where dokter\_id=@id)

declare @msg VARCHAR(100) = ''

IF @id = @checkDokter or @id = @checkPemilik

BEGIN

select \* from paket

END

ELSE

BEGIN

SET @msg = 'ID Dokter tidak terdaftar'

SELECT @msg as message

END

END

GO

-- End Procedure

Output

**Graphical user interface, text

Description automatically generated with medium confidence**

**Nomor 7 (Dibuat oleh Faiza Kurnia)**

Output

A screenshot of a computer

Description automatically generated with medium confidence

**Nomor 8 (Dibuat oleh Mochammad Hairullah)**

Membuat procedure untuk rekap

-- NO 8 (pemilik klinik bisa melihat rekap kunjungan pelanggan perbulan)

-- Rekap Perbulan Procedure

GO

CREATE PROCEDURE rekapKunjungan(@id VARCHAR(10), @fromDate date, @toDate date)

AS

BEGIN

declare @checkPemilik VARCHAR(10) = (select pemilik\_id from pemilik where pemilik\_id=@id)

declare @msg VARCHAR(100) = ''

IF @id = @checkPemilik

BEGIN

SELECT

o.oid, c.nama, c.alamat, c.no\_telp,

o.tanggal as tanggalKunjung, pk.nama\_paket as paketYangDiPesan,

pr.tanggal\_rawat, c.[status] as statusPelanggan

FROM orders o

INNER JOIN pelanggan c ON c.pelanggan\_id = o.pelanggan\_id

INNER JOIN pegawai pg ON pg.pegawai\_id = o.pegawai\_id

INNER JOIN paket pk ON pk.paket\_id = o.paket\_id

INNER JOIN perawatan pr ON pr.oid = o.oid

WHERE o.tanggal >= @fromDate and o.tanggal <= @toDate

END

ELSE

BEGIN

SET @msg = 'ID Pemilik tidak terdaftar'

SELECT @msg as message

END

END

GO

-- End Procedure

Output

A picture containing graphical user interface

Description automatically generated

Additional Fitur (**Dibuat oleh Dherisma dan Faiza**)

-- additional Fitur

GO

CREATE PROCEDURE getDataByID(@id VARCHAR(10), @decision VARCHAR(50))

AS

BEGIN

IF @decision = 'pemilik'

BEGIN

select \* from pemilik where pemilik\_id=@id

END

IF @decision = 'pegawai'

BEGIN

select \* from pegawai where pegawai\_id=@id

END

IF @decision = 'dokter'

BEGIN

select \* from dokter where dokter\_id=@id

END

IF @decision = 'pelanggan'

BEGIN

select \* from pelanggan where pelanggan\_id=@id

END

END

GO

-- Menampilkan data Pegawai

select \* from getPegawai

-- Menampilkan data Dokter

select \* from getDokter

-- Menampilkan data Pemilik

select \* from getPemilik

-- Menampilkan data Pelanggan

select \* from getPelanggan

-- Menampilkan data berdasarkan id

EXEC getDataByID @id = 'C01', @decision = 'pelanggan'

Output

A screenshot of a computer

Description automatically generated with medium confidence

**Keterangan**

Total table ada 10

Graphical user interface, text

Description automatically generated

Total view ada 6

Graphical user interface, text

Description automatically generated with medium confidence

Total Procedure ada 9

Graphical user interface, text

Description automatically generated

Total Function ada 1

Graphical user interface, text, website

Description automatically generated

**Kode lengkap dan data :**

<https://github.com/hoyirul/tubesBDL>