

IF2240 - Basis Data

Milestone 2 Basis Data

Pemodelan Entity-Relationship

Disusun untuk Memenuhi Tugas Mata Kuliah Basis Data
pada Semester II (dua) Tahun Akademik 2023



Kelompok 5

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Bab 1 : Deskripsi Sistem

LPDP (Lembaga Pengelola Dana Pendidikan) adalah sebuah lembaga pemerintah yang bertanggung jawab atas pengelolaan dana pendidikan untuk mahasiswa Indonesia yang ingin melanjutkan studi S2 atau S3 di dalam negeri maupun luar negeri. Kepala LPDP ingin membuat sistem basis data yang memudahkan pengelolaan data pendaftar seleksi beasiswa LPDP. Sebagai mahasiswa informatika, Anda diminta untuk membuat desain basis data untuk sistem pendaftaran seleksi LPDP.

Setiap tahunnya, LPDP membuka pendaftaran bagi mahasiswa yang ingin mendapatkan beasiswa untuk melanjutkan studi S2 atau S3. Ketika melakukan pendaftaran, mahasiswa diwajibkan untuk melengkapi berbagai macam informasi pribadi seperti nama lengkap, jenis kelamin, tempat dan tanggal lahir, alamat rumah, nomor telepon, dan alamat email. Selain itu, mahasiswa juga harus melampirkan berbagai macam dokumen seperti ijazah S1, transkrip nilai, dan surat rekomendasi dari dosen atau supervisor penelitian.

Setiap mahasiswa yang mendaftar akan mengikuti tahapan seleksi yang terdiri dari beberapa tahap, seperti seleksi administrasi, seleksi wawancara, seleksi psikotes, dan seleksi kesehatan. Setiap tahap seleksi memiliki tanggal pelaksanaan yang berbeda-beda dan berbeda pula untuk seluruh mahasiswa, kecuali seleksi administrasi yang hanya dilakukan sekali di awal periode dan sama untuk seluruh mahasiswa. Tidak semua mahasiswa akan mengikuti seluruh rangkaian seleksi, kecuali tahap seleksi administrasi. Maka, perlu dicatat passing grade untuk setiap tahap seleksi. Untuk tahap seleksi administrasi, mahasiswa yang lulus adalah mahasiswa yang dokumennya lengkap.

Setelah pendaftaran administrasi dinyatakan lengkap, calon penerima beasiswa akan mengikuti tahap seleksi wawancara, psikotes, dan kesehatan. Untuk tahap seleksi wawancara, setiap calon penerima beasiswa akan diwawancara dengan jenis tertentu (online/offline) dengan sesi wawancara tertentu. Untuk setiap jenis wawancara dan sesi wawancara, terdapat panitia yang berperan sebagai pewawancara. Pewawancara LPDP memiliki jabatan berbeda-beda yang perlu dicatat di sistem.

Pada tahap seleksi psikotes, setiap calon penerima beasiswa harus mengikuti tes psikotes. Tes psikotes dilaksanakan di sesi dan ruangan tertentu, tetapi seluruh sesi dan ruangan dilaksanakan di gedung yang sama. Untuk setiap sesi dan ruangan, terdapat seorang pengawas yang memiliki divisi yang berbeda-beda.

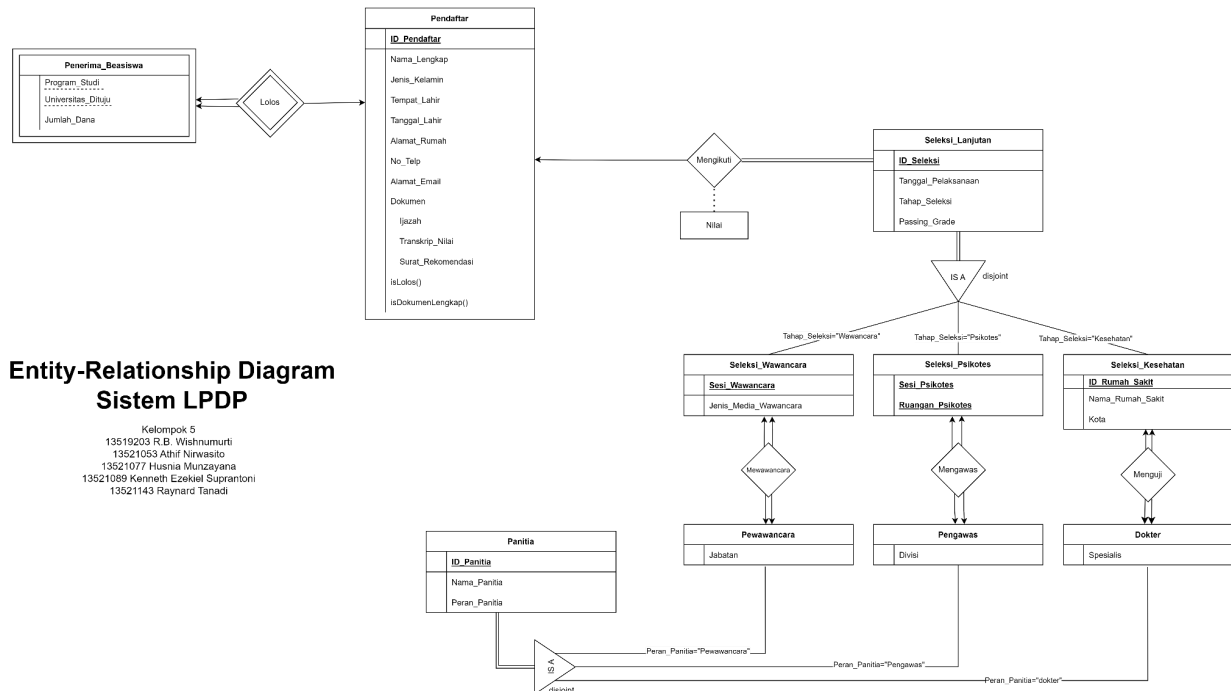
Pada tahap seleksi kesehatan, setiap calon penerima beasiswa harus melakukan pemeriksaan kesehatan di rumah sakit tertentu yang berada di kota tertentu. Untuk setiap rumah sakit, terdapat panitia yang merupakan dokter dengan spesialis tertentu. Nilai yang didapat dari ketiga jenis tes tersebut akan dicatat untuk dievaluasi apakah mahasiswa yang bersangkutan lulus sebuah tahap seleksi. Setiap panitia, baik itu pewawancara, dokter, maupun pengawas perlu dicatat nama lengkapnya.

Setelah tahap seleksi selesai dilaksanakan, mahasiswa yang lulus seluruh tahap seleksi akan mendapatkan informasi mengenai pemberian beasiswa LPDP melalui email atau telepon. Selain itu, LPDP juga akan mencatat informasi mengenai profil mahasiswa yang mendapatkan beasiswa, seperti program studi yang diambil, universitas yang dituju, dan jumlah dana yang diberikan.

Bab 2 : ER Model

Berikut adalah ER Model yang dibuat berdasarkan deskripsi sistem, dengan satu revisi:

Gambar 3.1 ER Model



Terdapat beberapa asumsi yang digunakan dalam ER Model di atas, yaitu:

1. Setiap pendaftar memiliki satu alamat rumah, nomor telepon, serta alamat *email*.
2. Setiap panitia pasti memiliki satu peran, baik sebagai pewawancara, pengawas, maupun dokter.
3. Setiap waktu dan ruang seleksi pasti diawasi oleh seorang panitia.
4. Setiap pewawancara, pengawas, serta dokter pasti mengambil peran pada satu sesi seleksi.
5. Setiap pendaftar, dokter, serta rumah sakit teridentifikasi secara unik berdasarkan ID.
6. Setiap penerima mahasiswa hanya dapat diterima pada satu program studi serta universitas dan mendapat satu besaran dana.

Revisi yang terdapat pada ER Model di atas adalah pada bagian entitas seleksi_lanjutan, dimana karena halangan implementasi, PK dijadikan ID_Seleksi

Bab 3 : Langkah Pemetaan Model Relasional

Pemetaan model Entity-Relationship Diagram ke Model Relasional dilakukan dengan melakukan mapping pada setiap entity set serta relationship:

1. Representasi Entity Sets

a. Mapping of Regular Entity Type

Sebuah strong atau regular entity set direpresentasikan menjadi sebuah relation dengan atribut yang sama.

b. Mapping of Weak Entity Type

Sebuah weak entity direpresentasikan menjadi sebuah relation dengan tambahan atribut primary key dari strong entity yang berhubungan dengan weak entity tersebut. Primary-key bersama-sama dengan discriminator menjadi primary key pada relasi tersebut. Selain itu, primary key dari strong entity tersebut juga menjadi foreign key yang merujuk pada strong entity terkait.

c. Representasi Composite Attributes

Komponen atribut komposit dikeluarkan atau diratakan menjadi atribut normal.

d. Representasi Derived Attributes

Derived attributes/atribut turunan tidak diimplementasikan pada skema relasional.

2. Representasi Relationship Sets

a. Mapping of Binary 1-1 Relationship

Pada relasi one-to-one, tambahkan atribut primary key salah satu entitas pada relasi lain yang berhubungan. Atribut tambahan tersebut menjadi primary key sekaligus foreign key yang merujuk pada relasi lain yang berhubungan. Jika terdapat salah satu entitas yang memiliki partisipasi total, maka tambahkan primary key entitas parsial pada relasi lain yang memiliki partisipasi total.

b. Mapping of Binary 1-N Relationship

Pada relasi one-to-many, tambahkan atribut primary key salah satu entitas dengan kardinalitas “one” pada relasi lain dengan kardinalitas “many” yang berhubungan. Atribut tambahan tersebut menjadi primary key sekaligus foreign key yang merujuk pada relasi lain yang berhubungan.

c. Mapping of Binary M-N Relationship

Pada relasi many-to-many, relationship sets akan direpresentasikan menjadi sebuah relasi baru yang berisi primary key pada kedua entitas yang berhubungan. Setiap atribut pada relasi tersebut merupakan primary key sekaligus foreign key yang merujuk para relasi yang bersesuaian.

3. Representasi Skema Spesialisasi

Terdapat dua metode dalam representasi skema spesialisasi pada Entity-Relationships Diagram menjadi model relasional. Pada pemetaan kali ini, digunakan metode pertama. Entitas tingkat tinggi (higher-level entity) direpresentasikan menjadi sebuah relasi dengan atribut yang sama dengan atribut ERD. Setiap entitas tingkat rendah (lower-level entity) direpresentasikan menjadi sebuah relasi tersendiri dengan atribut tambahan berupa primary key yang terdapat pada entitas level tinggi (higher-level entity). Atribut

tambahan tersebut menjadi primary key sekaligus foreign key yang merujuk pada relasi representasi higher-level entity yang berhubungan.

Setelah melakukan reduksi model *Entity Relationship Diagram* menjadi model relational, dihasilkan skema pemetaan sebagai berikut:

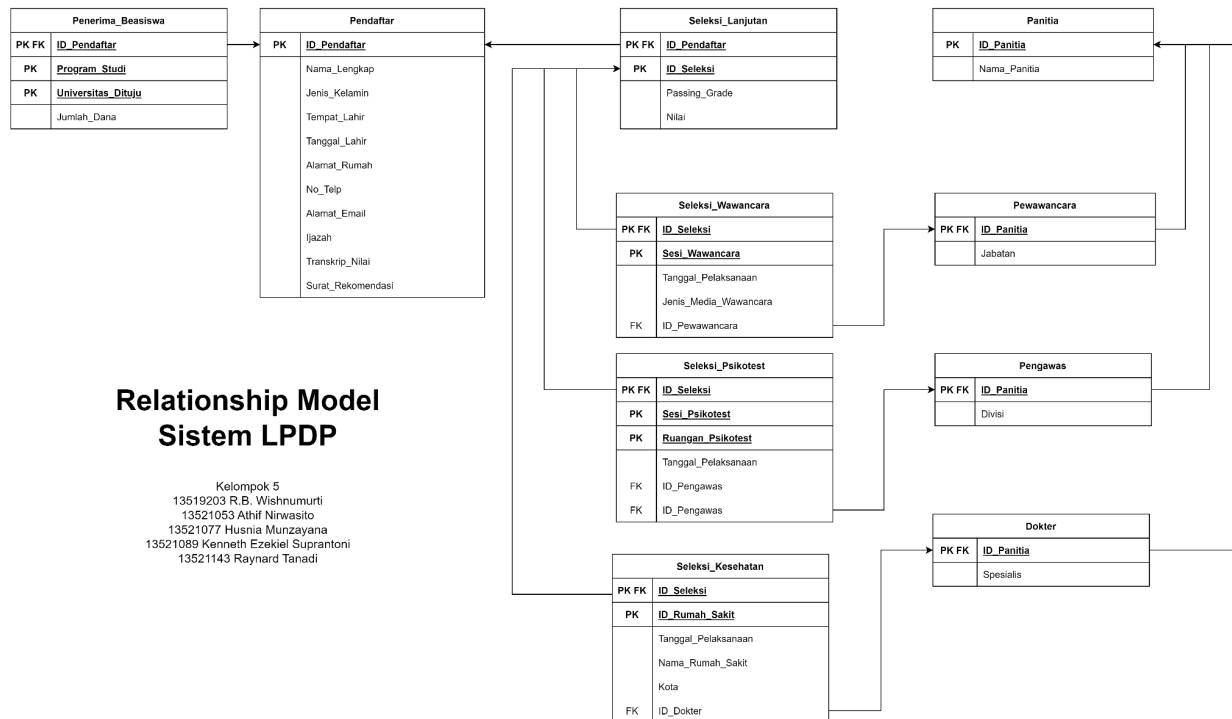
Tabel 3.1 Pemetaan Entity dan Relationship pada ERD menjadi Model Relasional

| Model Relasi | Entitas Terkait | Relationship Terkait |
|---------------------|------------------------|-----------------------------|
| Pendaftar | Pendaftar | - |
| Penerima Beasiswa | Penerima_Beasiswa | Lolos |
| Seleksi Lanjutan | Seleksi_Lanjutan | Mengikuti |
| Seleksi Wawancara | Seleksi_Wawancara | - |
| Seleksi Psikotest | Seleksi_Psikotest | - |
| Seleksi Kesehatan | Seleksi_Kesehatan | - |
| Panitia | Panitia | Panitia |
| Pewawancara | Pewawancara | Mewawancara |
| Pengawas | Pengawas | Mengawas |
| Dokter | Dokter | Menguji |

Bab 4 : Model Relasional

Berikut adalah model relasional yang dihasilkan dari ER diagram yang telah kelompok kami buat:

Gambar 4.1 Hasil Pemetaan Menjadi Model Relasional

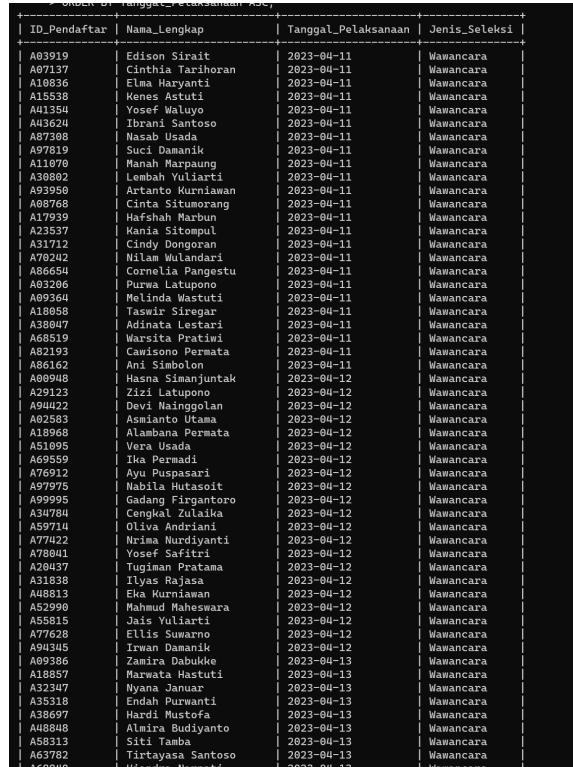


Perubahan tambahan yang ada pada model ini jika dibandingkan dengan ERD nya adalah Tanggal_pelaksanaan menjadi atribut warisan ke setiap tipe seleksinya, tidak lagi dimiliki oleh seleksi lanjutan, hal ini dikarenakan batasan implementasi saat ingin memastikan bahwa untuk satu pendaftar, tanggal seleksi wawancara lebih dulu daripada seleksi psikotest dan seleksi psikotest lebih dulu dari seleksi kesehatan.

Bab 5 : *Insight* Basis Data

Berikut adalah *Insights* yang dapat didapatkan dari basis data beserta *query* yang dibutuhkan untuk mendapatkannya:

Tabel 5.1 Pemetaan Entity dan Relationship pada ERD menjadi Model Relasional

| Insight | Query | Screenshot |
|---|---|---|
| Menampilkan ,id pendaftar, nama, tanggal pelaksanaan dan jenis seleksi dari pendaftar yang akan mengikuti tes dalam waktu 7 hari kedepan. | <pre>SELECT ID_Pendaftar, Nama_Lengkap, Tanggal_Pelaksanaan, Jenis_Seleksi FROM ((SELECT ID_Pendaftar, Tanggal_Pelaksanaan, "Wawancara" as Jenis_Seleksi FROM seleksi_wawancara NATURAL JOIN seleksi_lanjutan)UNION # Dari seleksi psikotes (SELECT ID_Pendaftar, Tanggal_Pelaksanaan, "Psikotest" as Jenis_Seleksi FROM seleksi_psikotest NATURAL JOIN seleksi_lanjutan)UNION # Dari seleksi kesehatan (SELECT ID_Pendaftar, Tanggal_Pelaksanaan, "Kesehatan" as Jenis_Seleksi FROM seleksi_kesehatan NATURAL JOIN seleksi_lanjutan)) as Seleksi NATURAL JOIN pendaftar WHERE DATEDIFF(Tanggal_Pel</pre> |  |

aksanaan, CURDATE()
between 0 AND 6
ORDER BY
Tanggal_Pelaksanaan
ASC;

| | | | |
|--------|--------------------|------------|-----------|
| A68840 | Wiandra Narpati | 2023-04-13 | Wawancara |
| A74653 | Dwi Simanjuntak | 2023-04-13 | Wawancara |
| A98597 | Karinah Siregar | 2023-04-13 | Wawancara |
| A05112 | Puput Safitri | 2023-04-13 | Wawancara |
| A07411 | Radit Sitompul | 2023-04-13 | Wawancara |
| A14224 | Hadi Usamah | 2023-04-13 | Wawancara |
| A34373 | Carla Tamba | 2023-04-13 | Wawancara |
| A36631 | Wawan Padmasari | 2023-04-13 | Wawancara |
| A63837 | Ciaobella Uyainah | 2023-04-13 | Wawancara |
| A79058 | Cakrajiya Wahyudin | 2023-04-13 | Wawancara |
| A83771 | Ilyas Prastuti | 2023-04-13 | Wawancara |
| A86472 | Danu Agustina | 2023-04-13 | Wawancara |
| A08533 | Malik Halim | 2023-04-13 | Wawancara |
| A00914 | Adinata Latupono | 2023-04-13 | Wawancara |
| A14343 | Kacung Setiawan | 2023-04-13 | Wawancara |
| A19588 | Paulin Wacana | 2023-04-13 | Wawancara |
| A45510 | Budi Winarsih | 2023-04-13 | Wawancara |
| A54176 | Silvia Simanjuntak | 2023-04-13 | Wawancara |
| A72512 | Cengjal Halimah | 2023-04-13 | Wawancara |
| A79075 | Karinah Siregar | 2023-04-13 | Wawancara |
| A84444 | Almira Budiyo | 2023-04-13 | Wawancara |
| A91062 | Karma Najmudin | 2023-04-13 | Wawancara |
| A94732 | Gamblang Andriani | 2023-04-13 | Wawancara |
| A15284 | Jaga Kusnawati | 2023-04-13 | Wawancara |
| A16755 | Adinata Latupono | 2023-04-13 | Wawancara |
| A35062 | Salwa Suryono | 2023-04-13 | Wawancara |
| A43293 | Ratna Astuti | 2023-04-13 | Wawancara |
| A45537 | Lidya Agustina | 2023-04-13 | Wawancara |
| A76065 | Silvia Simanjuntak | 2023-04-13 | Wawancara |
| A79487 | Maras Nababan | 2023-04-13 | Wawancara |
| A80000 | Kaulia Simbolon | 2023-04-13 | Wawancara |
| A08337 | Hassia Rahmawati | 2023-04-13 | Wawancara |
| A22538 | Eka Gunawan | 2023-04-14 | Wawancara |
| A46513 | Cahya Ardianto | 2023-04-14 | Wawancara |
| A65989 | Laila Hakim | 2023-04-14 | Wawancara |
| A77871 | Danu Usamah | 2023-04-14 | Wawancara |
| A80371 | Akarsana Wacana | 2023-04-14 | Wawancara |
| A80315 | Hilda Latupono | 2023-04-14 | Wawancara |
| A92929 | Maya Hartati | 2023-04-14 | Wawancara |
| A09094 | Bella Mandala | 2023-04-14 | Wawancara |
| A17652 | Mursinin Setiawan | 2023-04-14 | Wawancara |
| A33250 | Puput Siregar | 2023-04-14 | Wawancara |
| A43908 | Bagus Budiyo | 2023-04-14 | Wawancara |
| A00683 | Jane Maheswara | 2023-04-14 | Wawancara |
| A59787 | Salwa Setiawan | 2023-04-14 | Wawancara |
| A67830 | Ina Damanik | 2023-04-14 | Wawancara |
| A77881 | Ulya Hidayanto | 2023-04-14 | Wawancara |
| A81087 | Cinta Situmorang | 2023-04-14 | Wawancara |
| A02877 | Gantar Suryatni | 2023-04-14 | Wawancara |
| A85604 | Budi Sitompul | 2023-04-14 | Wawancara |
| A16129 | Nawida Mangunsong | 2023-04-14 | Wawancara |
| A26782 | Zalindra Hidayat | 2023-04-14 | Wawancara |
| A58130 | Capa Lestari | 2023-04-14 | Wawancara |
| A65459 | Zulaikha Pertiwi | 2023-04-14 | Wawancara |
| A74945 | Devi Irawan | 2023-04-14 | Wawancara |
| A87469 | Zahra Haryanti | 2023-04-14 | Wawancara |
| A98123 | Cager Puspasari | 2023-04-14 | Wawancara |

| | | | |
|--------|------------------------|------------|-----------|
| A04954 | Marsudi Simbolon | 2023-04-14 | Wawancara |
| A27660 | Dacin Natsir | 2023-04-14 | Wawancara |
| A34106 | Zalindra Hartati | 2023-04-14 | Wawancara |
| A50329 | Suci Budiman | 2023-04-14 | Wawancara |
| A65554 | Cager Puspasari | 2023-04-14 | Wawancara |
| A71600 | Dina Permata | 2023-04-14 | Wawancara |
| A92884 | Daru Prastuti | 2023-04-14 | Wawancara |
| A05100 | Puspa Pertiwi | 2023-04-15 | Wawancara |
| A14135 | Vera Mustofa | 2023-04-15 | Wawancara |
| A16818 | Hasim Thamrin | 2023-04-15 | Wawancara |
| A34318 | Langgeng Prasasta | 2023-04-15 | Wawancara |
| A52994 | Wansa Napitupulu | 2023-04-15 | Wawancara |
| A57367 | Dian Lailasari | 2023-04-15 | Wawancara |
| A71728 | Dacin Natsir | 2023-04-15 | Wawancara |
| A76481 | Alika Kusumo | 2023-04-15 | Wawancara |
| A78811 | Silvia Simanjuntak | 2023-04-15 | Wawancara |
| A04424 | Darsirah Gunarto | 2023-04-15 | Wawancara |
| A39675 | Hartaka Samosir | 2023-04-15 | Wawancara |
| A41823 | Jaiman Lailasari | 2023-04-15 | Wawancara |
| A57406 | Nadia Gunarto | 2023-04-15 | Wawancara |
| A74752 | Raisa Hidayat | 2023-04-15 | Wawancara |
| A33694 | Aris Wibowo | 2023-04-15 | Wawancara |
| A52631 | Calista Rahimah | 2023-04-15 | Wawancara |
| A68043 | Muhammad Mardhiyah | 2023-04-15 | Wawancara |
| A81524 | Dodo Suryatni | 2023-04-15 | Wawancara |
| A93983 | Kala Pratama | 2023-04-15 | Wawancara |
| A10728 | Ratna Fujiati | 2023-04-15 | Wawancara |
| A13369 | Septi Siregar | 2023-04-15 | Wawancara |
| A41298 | Safina Lestari | 2023-04-15 | Wawancara |
| A73051 | Tasdik Putra | 2023-04-15 | Wawancara |
| A78501 | Purwa Latupono | 2023-04-15 | Wawancara |
| A87181 | Puspa Mustofa | 2023-04-15 | Wawancara |
| A97794 | Taufan Yolanda | 2023-04-15 | Wawancara |
| A24114 | Akarsana Wacana | 2023-04-17 | Wawancara |
| A50888 | Cakrabirawa Nainggolan | 2023-04-17 | Wawancara |
| A83612 | Mala Santoso | 2023-04-17 | Wawancara |
| A86390 | Kamal Putra | 2023-04-17 | Wawancara |
| A16021 | Ulya Prasetyo | 2023-04-17 | Wawancara |
| A22732 | Ira Aryan | 2023-04-17 | Wawancara |
| A26327 | Bukianto Mayasari | 2023-04-17 | Wawancara |
| A06890 | Dwi Mardhiyah | 2023-04-17 | Wawancara |
| A53550 | Ridwan Uyainah | 2023-04-17 | Wawancara |
| A72251 | Danu Maryadi | 2023-04-17 | Wawancara |
| A87375 | Langgeng Prasasta | 2023-04-17 | Wawancara |
| A94496 | Simon Lazuardi | 2023-04-17 | Wawancara |
| A10369 | Jefri Mangunsong | 2023-04-17 | Wawancara |
| A11083 | Jaga Kusnawati | 2023-04-17 | Wawancara |
| A37405 | Malika Prabowo | 2023-04-17 | Wawancara |
| A06602 | Uda Pradipta | 2023-04-17 | Wawancara |
| A03042 | Rizki Puspita | 2023-04-17 | Wawancara |
| A48688 | Jefri Mangunsong | 2023-04-17 | Wawancara |
| A49801 | Michelle Marbun | 2023-04-17 | Wawancara |
| A07078 | Ami Narpati | 2023-04-17 | Wawancara |
| A24030 | Ratih Ramadan | 2023-04-17 | Wawancara |
| A58295 | Yance Rajasa | 2023-04-17 | Wawancara |
| A61717 | Ana Sihombing | 2023-04-17 | Wawancara |

166 rows in set (0.002 sec)

Menampilkan id dan nama lengkap pendaftar yang menerima beasiswa beserta jurusan dan jumlah dana yang diterimanya.

```
SELECT
ID_Pendaftar,
Nama_Lengkap,
Program_Studi,
Jumlah_Dana
FROM
Penerima_Beasiswa
NATURAL JOIN
Pendaftar
ORDER BY
Jumlah_Dana DESC;
```

| ID_Pendaftar | Nama_Lengkap | Program_Studi | Jumlah_Dana |
|--------------|------------------------|--|-------------|
| A35527 | Janalia Kuswoyo | Master of Strategic Studies | 2083000000 |
| A37085 | Malika Prabowo | PHD in Physics | 2070000000 |
| A22838 | Dea Gunawan | Master of Medical Science | 2060000000 |
| A00461 | Caturangga Marbun | Master of Science in Astronomy | 2062000000 |
| A77628 | Ellis Suwarno | Master of Engineering Management | 2060000000 |
| A00624 | Darsifah Gumarto | Master of Architecture | 2037000000 |
| A34704 | Cengkal Zulalsha | PHD in Political Science | 2035000000 |
| A18857 | Marwata Hastuti | Masters of Agricultural Economics | 2033000000 |
| A52835 | Dina Hidayat | PHD in Statistics | 1957000000 |
| A82089 | Alika Wijaya | PHD in Engineering | 2020000000 |
| A88335 | Hilda Latupono | Master of Science in Human Resource Development | 2020000000 |
| A80000 | Alinia Budiyanto | Master of Science in Cyber Security | 2010000000 |
| A05499 | Asmadi Kuswandari | Masters of International Economics | 2010000000 |
| A14343 | Kacung Setiawan | Master of Science in Engineering (Metallurgical En | 2009000000 |
| A03208 | Bagus Budiyanto | Master of Public Administration | 1992000000 |
| A98607 | Cecap Siraat | Master of Accountancy | 1969000000 |
| A94807 | Martaba Mayasari | Master of Science in Engineering (Ocean Engineerin | 1957000000 |
| A39676 | Hartika Saosir | Master of Public Administration | 1940000000 |
| A00133 | Paulin Macana | PHD in Policing Studies | 1932000000 |
| A34373 | Carla Tamba | PHD in Economics | 1921000000 |
| A52998 | Mahmud Rahmawana | PHD in Statistics | 1917000000 |
| A33250 | Puput Siregar | Master of Surgery | 1908000000 |
| A70653 | Dwi Sinanjuntak | Master of Science in Cyber Security | 1890000000 |
| A48794 | Lentae Hattir | Master of Accountancy | 1893000000 |
| A72512 | Cengkal Halimah | Master of Science in Bioinformatics | 1875000000 |
| A07011 | Radi Sitompul | Master of Science in Mathematics | 1870000000 |
| A23247 | Nyoma Januar | Master of Science in Mathematics | 1835000000 |
| A58888 | Cakrabirawa Nainggolan | Master of Liberal Arts | 1827000000 |
| A86398 | Kamal Putra | Master of Philosophy | 1817000000 |
| A52088 | Cahyono Nainggolan | Master of Industrial and Labor Relations | 1809000000 |
| A14224 | Hadi Utama | PHD in Biomedical Engineering | 1811000000 |
| A59707 | Salura Setiawan | PHD in International Policy | 1807000000 |
| A33496 | Aris Wilowu | Master of Law | 1783000000 |
| A26127 | Bakianto Mayasari | Master of Information and Cybersecurity | 1780000000 |
| A07084 | Makara Rahmawati | Master of Philosophy | 1757000000 |
| A00602 | Uda Pratjita | Master of Science in Supply Chain Management | 1750000000 |
| A69898 | Dacin Gunawan | PHD in Finance | 1740000000 |
| A03777 | Gantar Suryatni | Master of International Studies | 1738000000 |
| A79075 | Karimah Siregar | PHD in Economics | 1730000000 |
| A26774 | Dina Irawan | PHD in Political Science | 1730000000 |
| A81801 | Okto Aryan | Master of Science in Bioinformatics | 1696000000 |
| A57197 | Dian Lailisari | Master of Public Relations | 1696000000 |
| A14572 | Aslijan Wasita | Masters of Agricultural Economics | 1630000000 |
| A35062 | Salma Suryono | Master of Law | 1624000000 |
| A18169 | Jejri Maqsumung | Master of Science in Engineering (Aerospace Engine | 1620000000 |
| A76065 | Silvia Sinanjuntak | Master of International Studies | 1610000000 |
| A00603 | Jane Rahmawana | Master of Medical Science | 1610000000 |
| A09166 | Malinda Wastuti | Master of Science in Information Systems | 1606000000 |
| A08768 | Cinta Situmorang | PHD in International Policy | 1603000000 |
| A02729 | Naya Harwati | Master of Medical Science | 1569000000 |
| A08223 | Cagar Puspasari | Master of Liberal Arts | 1560000000 |

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|--------|---------------------|--|------------|
| A52342 | Tiara Rahayu | PHD in Statistics | 1523000000 |
| A31838 | Ilyas Rajasa | Master of Science in Astronomy | 1510000000 |
| A07078 | Ani Harwati | Master of Science in Engineering (Mining Engineer | 1487000000 |
| A43293 | Ratna Astuti | Master of Public Policy | 1463000000 |
| A97975 | Nabila Hutaoit | Master of Medical Science | 1458000000 |
| A00501 | Michelle Marbun | Master of Quantitative Finance | 1458000000 |
| A07838 | Ina Dananlis | Master of Health Administration | 1417000000 |
| A21419 | Kamarisa Anggrawan | Master of Science in Engineering (Aerospace Engine | 1404000000 |
| A18059 | Mawrita Prabowo | Master of Public Health | 1399000000 |
| A04234 | Marsudi Utami | Master of Science in Engineering (Mining Engineeri | 1387000000 |
| A52266 | Gara Hidayanto | PHD in Statistics | 1386000000 |
| A00000 | Hanna Sinanjuntak | Master of Urban Planning | 1376000000 |
| A09373 | Karsana Najmudin | PHD in Engineering | 1357000000 |
| A08039 | Sadina Siraat | PHD in Policing Studies | 1349000000 |
| A79223 | Dwi Sinanjuntak | Master of Accountancy | 1346000000 |
| A65547 | Perkasa Haryanto | Master of Science in Supply Chain Management | 1332000000 |
| A33124 | Prabu Irawan | Master of Science in Engineering (Ocean Engineerin | 1321000000 |
| A06672 | Danu Agustina | PHD in Law | 1306000000 |
| A87388 | Nasab Usada | PHD in Physics | 1298000000 |
| A00605 | Adikara Kuswoyo | Master of Business Administration | 1285000000 |
| A20070 | Kasli Suryono | Master of Science in Engineering(Astronomical Engi | 1283000000 |
| A55992 | Azalea Salahudin | PHD in Engineering | 1274000000 |
| A26782 | Zalindra Hidayat | Master of Science in Cyber Security | 1264000000 |
| A00231 | Amelia Sinanjuntak | Master of Financial Mathematics | 1259000000 |
| A77422 | Nrina Nurdianti | Master of Public Relations | 1257000000 |
| A02816 | Cintia Tarsharan | Master of Quantitative Finance | 1250000000 |
| A71728 | Dacin Matisir | Master of Strategic Studies | 1228000000 |
| A68519 | Marrita Pratiwi | Master of Science in Mathematics | 1226000000 |
| A70041 | Yusef Saefiri | Master of Science in Engineering(Astronomical Engi | 1215000000 |
| A03982 | Rizki Puspita | Master of Public Health | 1201000000 |
| A40537 | Lidya Agustina | Master of Science in Engineering (Aerospace Engine | 1193000000 |
| A11083 | Jaya Humawati | PHD in Statistics | 1191000000 |
| A05772 | Anggabaya Hidayanto | Master of Psychology | 1180000000 |
| A76912 | Ayu Puspasari | Master of Science in Engineering (Aerospace Engine | 1168000000 |
| A10728 | Ratna Fajjati | Master of Science in Mathematics | 1157000000 |
| A16021 | Ulya Prasetyo | PHD in Physics | 1147000000 |
| A15203 | Tirtayana Santoso | Master of Science in Engineering(Astronomical Engi | 1139000000 |
| A04824 | Ibrani Santoso | Master of Engineering Management | 1127000000 |
| A09010 | Balidin Harpati | Masters of International Economics | 1127000000 |
| A14651 | Anggabaya Lazuardi | Master of Accountancy | 1105000000 |
| A63702 | Tirtayana Santoso | Master of Science in Engineering (Aerospace Engine | 1094000000 |
| A35318 | Endah Purwanti | Master of Science in Human Resource Development | 1087000000 |
| A27668 | Dacin Matisir | Master of International Studies | 1067000000 |
| A59714 | Olivia Andriani | Master of Engineering Management | 1055000000 |
| A36631 | Maman Padmasari | Master of Medical Science | 1041000000 |
| A58295 | Yance Rajasa | Master of Science in Supply Chain Management | 1018000000 |
| A22407 | Eshah Suryono | Master of Science in Engineering (Petroleum Engine | 1009000000 |
| A16755 | Adinata Latupono | Master of Science in Engineering (Mechatronics Eng | 994000000 |
| A04528 | Cahyono Minarno | PHD in Law | 991000000 |
| A01356 | Yusef Mulyo | Master of Public Relations | 976000000 |
| A72251 | Danu Maryadi | PHD in Computer Science | 973000000 |
| A00791 | Akarsana Macana | Masters of International Economics | 971000000 |
| A76081 | Alika Kusumo | Master of Information and Cybersecurity | 967000000 |
| A70242 | Nilan Wulandari | Master of Science in Engineering (Mining Engineeri | 932000000 |
| A08518 | Ani Winarsih | Master of Accountancy | 927000000 |
| A70811 | Silvia Sinanjuntak | Master of Information and Data Science | 926000000 |
| A64084 | Darman Saefullah | Master of Surgery | 892000000 |
| A79487 | Maras Nababan | Master of Engineering Management | 877000000 |
| A38697 | Handi Nurfar | Master of Strategic Studies | 825000000 |

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|--------|---------------------|--|-----------|
| A66652 | Paramita Tampubolon | Master of Business Administration | 818000000 |
| A70519 | Kawaca Kusumo | Masters of Agricultural Economics | 812000000 |
| A33966 | Kusuma Purnadi | Master of Information and Data Science | 812000000 |
| A87181 | Puspa Mustofa | Master of Applied Finance | 804000000 |
| A57136 | Paulin Macana | Master of Industrial and Labor Relations | 797000000 |
| A68800 | Kiantra Harpati | Masters of International Economics | 723800000 |
| A93337 | Hasin Rahmawati | Master of Science in Physics | 783000000 |
| A73861 | Tasdik Putra | Master of Surgery | 779000000 |
| A70501 | Putra Latupono | Master of Science in Project Management | 765000000 |
| A86654 | Cornelia Pangestu | PHD in Physics | 751000000 |

120 rows in set (0.001 sec)

| Menampilkan frekuensi universitas tujuan penerima beasiswa diurutkan mengecil. | <pre>SELECT Universitas_Dituju, COUNT(Universitas_Dituju) as Banyak_Pendaftar FROM Penerima_Beasiswa GROUP BY Universitas_Dituju ORDER BY COUNT(Universitas_Dituju) DESC;</pre> | <pre>MariaDB [siswaelpdp]> SELECT Universitas_Dituju, COUNT(Universitas_Dituju) as Banyak_Pendaftar -> FROM Penerima_Beasiswa -> GROUP BY Universitas_Dituju -> ORDER BY COUNT(Universitas_Dituju) DESC;</pre> <table><tr><th>Universitas_Dituju</th><th>Banyak_Pendaftar</th></tr><tr><td>University of New South Wales (UNSW Sydney)</td><td>6</td></tr><tr><td>Tokyo Institute of Technology</td><td>6</td></tr><tr><td>California Institute of Technology</td><td>6</td></tr><tr><td>King Abdulaziz University (KAU)</td><td>5</td></tr><tr><td>Newcastle University</td><td>5</td></tr><tr><td>Seoul National University</td><td>5</td></tr><tr><td>Stanford University</td><td>4</td></tr><tr><td>University of Pennsylvania</td><td>4</td></tr><tr><td>National University of Singapore (NUS)</td><td>4</td></tr><tr><td>Peking University</td><td>4</td></tr><tr><td>University of Hong Kong (HKU)</td><td>4</td></tr><tr><td>National Taiwan University (NTU)</td><td>4</td></tr><tr><td>Harvard University</td><td>4</td></tr><tr><td>Hong Kong University of Science and Technology (HKUST)</td><td>3</td></tr><tr><td>University of Tokyo</td><td>3</td></tr><tr><td>ETH Zurich (Swiss Federal Institute of Technology)</td><td>3</td></tr><tr><td>Massachusetts Institute of Technology</td><td>3</td></tr><tr><td>University of Waterloo</td><td>3</td></tr><tr><td>Lomonosov Moscow State University</td><td>3</td></tr><tr><td>Imperial College London</td><td>3</td></tr><tr><td>Johns Hopkins University</td><td>3</td></tr><tr><td>University of Queensland</td><td>3</td></tr><tr><td>Kyoto University</td><td>3</td></tr><tr><td>Osaka University</td><td>3</td></tr><tr><td>University of Amsterdam</td><td>3</td></tr><tr><td>KAIST - Korea Advanced Institute of Science & Tech</td><td>2</td></tr><tr><td>University of Oslo</td><td>2</td></tr><tr><td>Universiti Malaya (UM)</td><td>2</td></tr><tr><td>University of Oslo</td><td>2</td></tr><tr><td>Universiti Malaya (UM)</td><td>2</td></tr><tr><td>University of Cambridge</td><td>2</td></tr><tr><td>Tsinghua University</td><td>2</td></tr><tr><td>Technical University of Munich</td><td>2</td></tr><tr><td>Australian National University</td><td>2</td></tr><tr><td>University of British Columbia</td><td>2</td></tr><tr><td>University of Melbourne</td><td>2</td></tr><tr><td>Nanyang Technological University, Singapore (NTU)</td><td>2</td></tr><tr><td>Universidad de Buenos Aires (UBA)</td><td>2</td></tr><tr><td>University of Toronto</td><td>1</td></tr></table> <p>37 rows in set (0.006 sec)</p> | Universitas_Dituju | Banyak_Pendaftar | University of New South Wales (UNSW Sydney) | 6 | Tokyo Institute of Technology | 6 | California Institute of Technology | 6 | King Abdulaziz University (KAU) | 5 | Newcastle University | 5 | Seoul National University | 5 | Stanford University | 4 | University of Pennsylvania | 4 | National University of Singapore (NUS) | 4 | Peking University | 4 | University of Hong Kong (HKU) | 4 | National Taiwan University (NTU) | 4 | Harvard University | 4 | Hong Kong University of Science and Technology (HKUST) | 3 | University of Tokyo | 3 | ETH Zurich (Swiss Federal Institute of Technology) | 3 | Massachusetts Institute of Technology | 3 | University of Waterloo | 3 | Lomonosov Moscow State University | 3 | Imperial College London | 3 | Johns Hopkins University | 3 | University of Queensland | 3 | Kyoto University | 3 | Osaka University | 3 | University of Amsterdam | 3 | KAIST - Korea Advanced Institute of Science & Tech | 2 | University of Oslo | 2 | Universiti Malaya (UM) | 2 | University of Oslo | 2 | Universiti Malaya (UM) | 2 | University of Cambridge | 2 | Tsinghua University | 2 | Technical University of Munich | 2 | Australian National University | 2 | University of British Columbia | 2 | University of Melbourne | 2 | Nanyang Technological University, Singapore (NTU) | 2 | Universidad de Buenos Aires (UBA) | 2 | University of Toronto | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Universitas_Dituju | Banyak_Pendaftar | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of New South Wales (UNSW Sydney) | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Tokyo Institute of Technology | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| California Institute of Technology | 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| King Abdulaziz University (KAU) | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Newcastle University | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Seoul National University | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stanford University | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Pennsylvania | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| National University of Singapore (NUS) | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Peking University | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Hong Kong (HKU) | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| National Taiwan University (NTU) | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Harvard University | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hong Kong University of Science and Technology (HKUST) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Tokyo | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ETH Zurich (Swiss Federal Institute of Technology) | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Massachusetts Institute of Technology | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Waterloo | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lomonosov Moscow State University | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Imperial College London | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Johns Hopkins University | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Queensland | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Kyoto University | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Osaka University | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Amsterdam | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| KAIST - Korea Advanced Institute of Science & Tech | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| University of Oslo | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| University of Toronto | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Menampilkan nama rumah sakit yang dijadikan tempat untuk seleksi kesehatan beserta nama dan spesialis dari dokter yang menjadi panitia pada rumah sakit. | <pre>SELECT DISTINCT SK>Nama_Rumah_Sakit as Nama_Rumah_Sakit, P>Nama_Panitia as Nama_Panitia, D.spesialis as Spesialis FROM Seleksi_Kesehatan AS SK INNER JOIN Dokter as D ON D.ID_Panitia = SK.ID_Dokter NATURAL JOIN Panitia as P ORDER BY SK>Nama_Rumah_Sakit ASC, P>Nama_Panitia ASC;</pre> | <table><tr><th>Nama_Rumah_Sakit</th><th>Nama_Panitia</th><th>Spesialis</th></tr><tr><td>RS Advent Medan</td><td>Bahuwirya Dabukke</td><td>Penyakit Dalam</td></tr><tr><td>RS Advent Medan</td><td>Dimaz Mulandari</td><td>Umum</td></tr><tr><td>RS Advent Medan</td><td>Eka Simbolon</td><td>Penyakit Dalam</td></tr><tr><td>RS Advent Medan</td><td>Mahdi Hidayat</td><td>Umum</td></tr><tr><td>RS Advent Medan</td><td>Prima Hasanah</td><td>THT</td></tr><tr><td>RS Advent Medan</td><td>Rahmi Kurniawan</td><td>THT</td></tr><tr><td>RS Advent Medan</td><td>Ratih 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Santo Borromeus</td><td>Taswir Pertiwi</td><td>THT</td></tr><tr><td>RS Santo Borromeus</td><td>Teddy Hassanah</td><td>Umum</td></tr><tr><td>RS Santo Borromeus</td><td>Usyi Suwarno</td><td>THT</td></tr><tr><td>RS Santo Borromeus</td><td>Wardi Putra</td><td>Mata</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Anita Adriansyah</td><td>THT</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Danuja Laksa</td><td>Umum</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Dodo Hastuti</td><td>THT</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Hamzah Utami</td><td>THT</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Harsaya Widodo</td><td>Umum</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Jaiman Wasita</td><td>Umum</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Jayadi Santoso</td><td>Penyakit Dalam</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Luhung Simanjuntak</td><td>THT</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Naradi Pranowo</td><td>Umum</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Purwadi Rajata</td><td>Mata</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Uchita Manullang</td><td>THT</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Wardi Putra</td><td>Mata</td></tr><tr><td>RS Umum Manado Medical Center</td><td>Yunita Nasyidah</td><td>THT</td></tr></table> | Nama_Rumah_Sakit | Nama_Panitia | Spesialis | RS Advent Medan | Bahuwirya Dabukke | Penyakit Dalam | RS Advent Medan | Dimaz Mulandari | Umum | RS Advent Medan | Eka Simbolon | Penyakit Dalam | RS Advent Medan | Mahdi Hidayat | Umum | RS Advent Medan | Prima Hasanah | THT | RS Advent Medan | Rahmi Kurniawan | THT | RS Advent Medan | Ratih Mangunsong | Penyakit Dalam | RS Advent Medan | Sakti Novitasari | Mata | RS Advent Medan | Sari Permadi | Penyakit Dalam | RS Advent Medan | Taswir Pertiwi | THT | RS Advent Medan | Uchita Manullang | THT | RS Premier Jatinegara | Agus Agustina | Mata | RS Premier Jatinegara | Dodo 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Pertiwi | THT | RS Santo Borromeus | Teddy Hassanah | Umum | RS Santo Borromeus | Usyi Suwarno | THT | RS Santo Borromeus | Wardi Putra | Mata | RS Umum Manado Medical Center | Anita Adriansyah | THT | RS Umum Manado Medical Center | Danuja Laksa | Umum | RS Umum Manado Medical Center | Dodo Hastuti | THT | RS Umum Manado Medical Center | Hamzah Utami | THT | RS Umum Manado Medical Center | Harsaya Widodo | Umum | RS Umum Manado Medical Center | Jaiman Wasita | Umum | RS Umum Manado Medical Center | Jayadi Santoso | Penyakit Dalam | RS Umum Manado Medical Center | Luhung Simanjuntak | THT | RS Umum Manado Medical Center | Naradi Pranowo | Umum | RS Umum Manado Medical Center | Purwadi Rajata | Mata | RS Umum Manado Medical Center | Uchita Manullang | THT | RS Umum Manado Medical Center | Wardi Putra | Mata | RS Umum Manado Medical Center | Yunita Nasyidah | THT |
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| RS Advent Medan | Sakti Novitasari | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| RS Premier Jatinegara | Fitria Saptono | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Gaman Hakim | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Gamblang Tampubolon | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Hari Agustina | Penyakit Dalam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Icha Prayoga | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Lasmanto Mashiruddin | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Luhung Simanjuntak | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Uchita Manullang | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Premier Jatinegara | Usyi Suwarno | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Danuja Laksa | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Fitria Saptono | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Gamblang Tampubolon | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Icha Prayoga | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Jamal Napati | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Kasim Ramadan | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Lulut Santoso | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Mahdi Hidayat | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Mahfud Maryati | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Nalar Prabowo | Penyakit Dalam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Ratih Mangunsong | Penyakit Dalam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Taswir Pertiwi | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Teddy Hassanah | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Usyi Suwarno | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Santo Borromeus | Wardi Putra | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Anita Adriansyah | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Danuja Laksa | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Dodo Hastuti | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Hamzah Utami | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Harsaya Widodo | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Jaiman Wasita | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Jayadi Santoso | Penyakit Dalam | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Luhung Simanjuntak | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Naradi Pranowo | Umum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Purwadi Rajata | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Uchita Manullang | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Wardi Putra | Mata | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RS Umum Manado Medical Center | Yunita Nasyidah | THT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| | | <pre> RS Unpad Bandung Dimaz Wulandari Umum RS Unpad Bandung Harjaya Usada Umum RS Unpad Bandung Icha Prayoga Umum RS Unpad Bandung Ifa Rahimah THT RS Unpad Bandung Jamal Narpati THT RS Unpad Bandung Jayadi Santoso Penyakit Dalam RS Unpad Bandung Lulut Santoso THT RS Unpad Bandung Mahfud Maryati Mata RS Unpad Bandung Padi Hidayanto Penyakit Dalam RS Unpad Bandung Paiman Wastuti Umum RS Unpad Bandung Prabawa Tarihoran THT RS Unpad Bandung Sari Permadi Penyakit Dalam RS Unpad Bandung Taswir Pertiwi THT RSUD Bhakti Dharma Husada Ansipatra Maryati Umum RSUD Bhakti Dharma Husada Bagiya Mangunsong Umum RSUD Bhakti Dharma Husada Fitri Saptono THT RSUD Bhakti Dharma Husada Gambalang Tampubolon Umum RSUD Bhakti Dharma Husada Hari Agustina Penyakit Dalam RSUD Bhakti Dharma Husada Harsaya Widodo Umum RSUD Bhakti Dharma Husada Icha Prayoga Umum RSUD Bhakti Dharma Husada Jayadi Santoso Penyakit Dalam RSUD Bhakti Dharma Husada Kasim Ramadan THT RSUD Bhakti Dharma Husada Lasmanto Nashiruddin Mata RSUD Bhakti Dharma Husada Padi Hidayanto Penyakit Dalam RSUD Bhakti Dharma Husada Prabawa Tarihoran THT RSUD Bhakti Dharma Husada Purwadi Rajata Mata RSUD Bhakti Dharma Husada Rahmi Kurniawan THT RSUD Bhakti Dharma Husada Rati Mangunsong Penyakit Dalam RSUD Bhakti Dharma Husada Tiara Utami Umum RSUD Bhakti Dharma Husada Ushita Manullang THT RSUD Bhakti Dharma Husada Yunita Nasyidah THT RSUD Kebayoran Baru Bahuwirya Dabukke Penyakit Dalam RSUD Kebayoran Baru Icha Prayoga Umum RSUD Kebayoran Baru Kasim Ramadan THT RSUD Kebayoran Baru Rahmi Kurniawan THT RSUD Kebayoran Baru Rati Mangunsong Penyakit Dalam RSUD Kebayoran Baru Sakti Novitasari Mata RSUD Kebayoran Baru Sari Permadi Penyakit Dalam RSUD Kota Yogyakarta Bahuwirya Dabukke Penyakit Dalam RSUD Kota Yogyakarta Hari Agustina Penyakit Dalam RSUD Kota Yogyakarta Ifa Rahimah THT RSUD Kota Yogyakarta Lasmanto Nashiruddin Mata RSUD Kota Yogyakarta Mahdi Hidayat Umum RSUD Kota Yogyakarta Naradi Pranowo Umum RSUD Kota Yogyakarta Padi Hidayanto Penyakit Dalam RSUD Kota Yogyakarta Prima Hasanah THT RSUD Kota Yogyakarta Purwadi Rajata Mata RSUD Kota Yogyakarta Sakti Novitasari Mata RSUD Kota Yogyakarta Yunita Nasyidah THT RSUD Pasar Minggu Dodo Hastuti THT RSUD Pasar Minggu Fitri Saptono THT RSUD Pasar Minggu Hamzah Utami THT RSUD Pasar Minggu Hari Agustina Penyakit Dalam RSUD Pasar Minggu Jayadi Santoso Penyakit Dalam RSUD Pasar Minggu Padi Hidayanto Penyakit Dalam RSUD Pasar Minggu Prayoga Ardianto Mata RSUD Pasar Minggu Prima Hasanah THT RSUD Pasar Minggu Sari Permadi Penyakit Dalam RSUD Pasar Minggu Usyi Suwarno THT RSUPN dr. Cipto Mangunkusumo Bahuwirya Dabukke Penyakit Dalam RSUPN dr. Cipto Mangunkusumo Dodo Hastuti THT RSUPN dr. Cipto Mangunkusumo Gaman Hakim THT RSUPN dr. Cipto Mangunkusumo Hamzah Utami THT RSUPN dr. Cipto Mangunkusumo Hari Agustina Penyakit Dalam RSUPN dr. Cipto Mangunkusumo Harjaya Usada Umum RSUPN dr. Cipto Mangunkusumo Harsaya Widodo Umum RSUPN dr. Cipto Mangunkusumo Kasim Ramadan THT RSUPN dr. Cipto Mangunkusumo Naradi Pranowo Umum RSUPN dr. Cipto Mangunkusumo Padi Hidayanto Penyakit Dalam RSUPN dr. Cipto Mangunkusumo Paiman Wastuti Umum RSUPN dr. Cipto Mangunkusumo Pardi Tampubolon Umum RSUPN dr. Cipto Mangunkusumo Yunita Nasyidah THT 122 rows in set (0.001 sec) </pre> |
| Menampilkan jumlah peserta yang lolos dari setiap tahap seleksi | <pre> SELECT * FROM (SELECT COUNT(*) AS LolosAdmin FROM seleksi_wawancara) AS Admin, (SELECT COUNT(*) LolosWawancara FROM seleksi_psikotest) AS Wawancara, (SELECT COUNT(*) AS LolosKesehatan FROM seleksi_kesehatan) AS </pre> | <pre> MariaDB [s2]> SELECT * -> FROM -> (SELECT COUNT(*) AS LolosAdmin FROM seleksi_wawancara) AS Admin, -> (SELECT COUNT(*) AS LolosWawancara FROM seleksi_psikotest) AS Wawancara, -> (SELECT COUNT(*) AS LolosKesehatan FROM seleksi_kesehatan) AS Kesehatan; +-----+-----+-----+ LolosAdmin LolosWawancara LolosKesehatan +-----+-----+-----+ 285 150 130 +-----+-----+-----+ 1 row in set (0.002 sec) </pre> |

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|---|--|---|
| | Kesehatan; | |
| Menampilkan 10 Pendaftar dengan Nilai Seleksi Tertinggi | SELECT P>Nama_Lengkap, S.Nilai FROM pendaftar AS P, seleksi_lanjutan AS S WHERE P.ID_Pendaftar = S.ID_Pendaftar ORDER BY S.Nilai DESC LIMIT 10; | <pre> MariaDB [sistemlpdp]> SELECT P>Nama_Lengkap, S.Nilai -> FROM pendaftar AS P, seleksi_lanjutan AS S -> WHERE P.ID_Pendaftar = S.ID_Pendaftar -> ORDER BY S.Nilai DESC -> LIMIT 10; +-----+-----+ Nama_Lengkap Nilai +-----+-----+ Edison Sirait 100 Dina Hidayat 100 Kenes Astuti 100 Amelia Simanjuntak 100 Puput Siregar 100 Yosef Waluyo 100 Nadia Gunarto 100 Ani Simbolon 100 Cawisono Wibowo 100 Kuncara Sihombing 100 +-----+-----+ 10 rows in set (0.001 sec) </pre> |

Referensi

- Dybka, Patrycja. (31 Juli 2014). *ERD Notations in Data Modeling*. Vertabelo. Diakses pada 23 Maret 2023 dari <https://vertabelo.com/blog/comparison-of-erd-notations/>
- Silberschatz, Abraham, Korth, Henry F., & Sudarshan, S. (2020). *Database System Concepts* (7th ed.). McGraw-Hill Education.
- Tim Pengajar IF2140/IF2240. (2020). *IF2140 – Pemodelan Basis Data / IF2240 – Basis Data Database Design using E-R Model*
- Tim Pengajar IF2140/IF2240. (2020). *IF2140 – Pemodelan Basis Data / IF2240 – Basis Data Database Design using E-R Model (p.2)*
- Tim Pengajar IF2140/IF2240. (2020). *IF2140 – Pemodelan Basis Data / IF2240 – Basis Data Database Design using E-R Model (p.3)*

Lampiran

MoM PR_Case02_K01_05

Minutes of Meeting

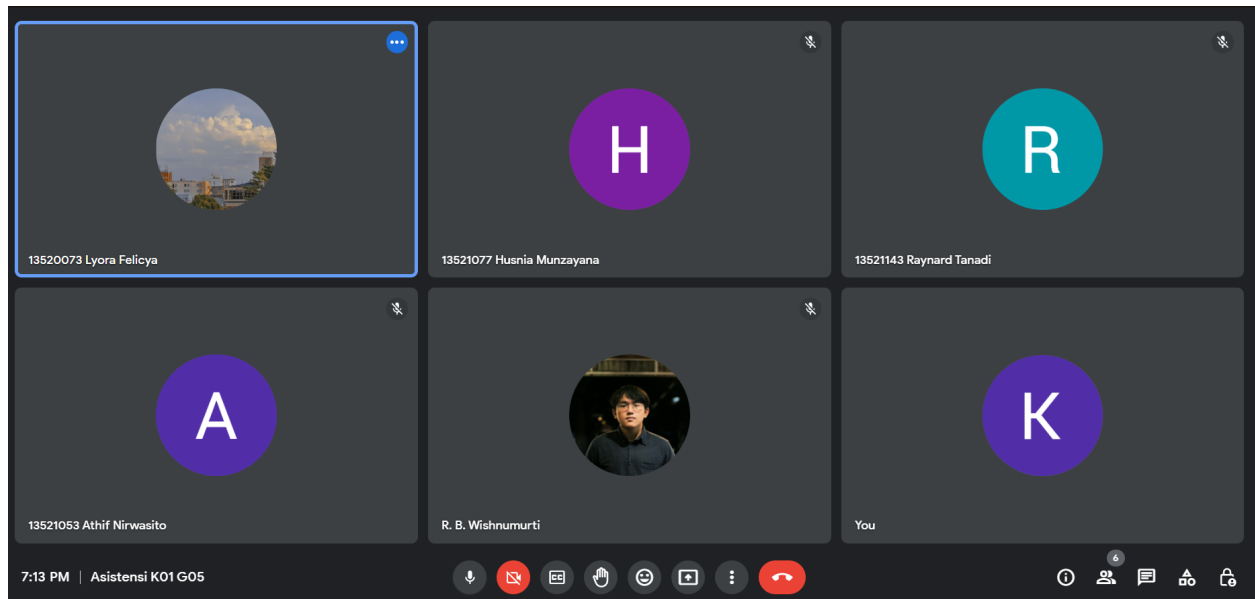
1. Deskripsi Wawancara

| | |
|-----------------------------------|---|
| Nomor Kelompok | 05 |
| Anggota yang hadir saat wawancara | 1. R. B. Wishnumurti (13519203) 2. Athif Nirwasito (13521053) 3. Husnia Munzayana (13521077) 4. Kenneth Ezekiel Suprantonni (13521089) 5. Raynard Tanadi (13521143) |
| Tempat, tanggal | GoogleMeet, 04 April 2023 |
| Waktu | 19.00 - 19.15 WIB |
| Nama Asisten | Lyora Felicya |

2. Hasil Wawancara

| No. | Pertanyaan | Jawaban |
|-----|---|---|
| 1. | Model relasional MariaDB pada implementasi, berarti kita perlu melakukan dump sql-nya dan mencantumkan hasil dump saat pengumpulan? | Iya, ikuti yang di spesifikasi. |
| 2. | Untuk insight apakah harus 5 atau boleh lebih? | Untuk insight minimal 5, jadi boleh lebih. |
| 3. | Maksud dari "Setiap tabel selain tabel referensi atau tabel yang dipastikan tidak memiliki lebih dari 100 records harus memiliki minimal 100 records" | Untuk yang tidak bisa lebih dari 100 tidak perlu dipaksakan, misal fakultas di ITB tidak lebih dari 100 maka tidak perlu dipaksakan |
| 4. | Untuk itu apakah pada kasus ini dapat dipastikan bisa lebih dari 100 record? | Ya, benar. |

3. Dokumentasi



4. Tanda Tangan Asisten

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.