**Institut Sains Terapan dan Teknologi Surabaya**

Jl. Ngagel Jaya Tengah 73 - 77, Surabaya 60284

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Laboratorium : E-401 Praktikum : Pemrograman Client Server

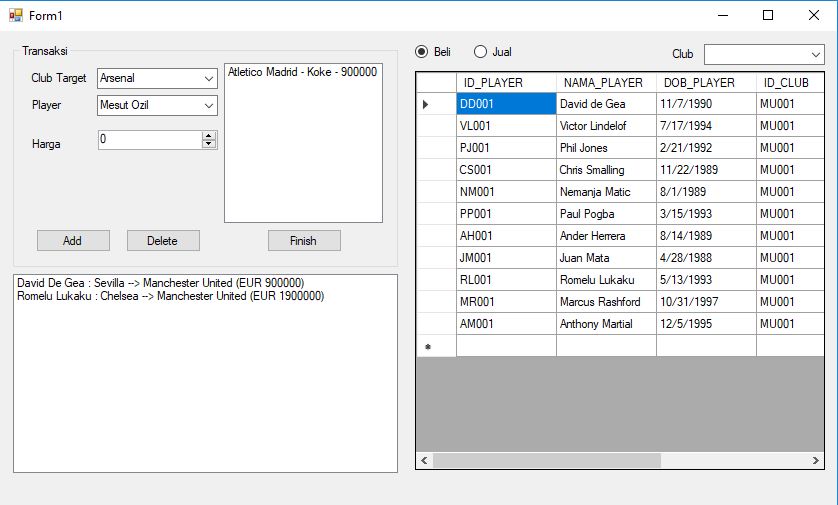
Waktu : Senin / 10.45 – 12.45 Jurusan : S1 – Teknik Informatika

Minggu Ke : 5 Tanggal : -

Materi : Master Jenis Soal : Materi dan Tugas

**MATERI (TOTAL = 40)**

Buatlah sebuah master transaksi player seperti berikut.



Komponen transaksi terdiri dari

* Datagridview digunakan untuk menampilkan club yang aktif yang dipilih dari combobox club di bagian kanan atas
* Radiobutton digunakan untuk menentukan mode menjual atau membeli.
* Pada grupbox transaksi, terdapat combobox untuk memilih club target yang berisi nama-nama club lain. Jika pada mode beli, maka combobox player akan berisi pemain yang berada pada club tersebut. Namun jika ada pada mode jual, maka combobox player akan berisi daftar nama player yang berada pada club yang aktif.
* NumericUpDown digunakan untuk menentukan harga jual maupun beli
* Tombol Add bila ditekan maka data akan tersimpan pada listbox yang ada di groupbox transaksi dengan format : Club – Nama – Harga
* Jika tombol delete ditekan, maka entry pemain yang ada pada listview akan dihapus
* Jika tombol finish ditekan maka akan terjadi finalisasi pertukaran player dan akan masuk ke listbox transfer market yang berada di luar groupbox.

Fitur Tambahan

* Apalbila telah terjadi pertukaran pemain, maka datagridview akan secara otomatis terload sesuai dengan kondisi terkini.
* Apabila pertukaran pemain telah terjadi, makan akan masuk pada database dengan jumlah transfer yang benar. Baik pada h\_transfer dan d\_transfer.

**Catatan : Pengerjaan harus dilakukan dengan sempurna, termasuk header. Jika header kolom berbeda atau urutan data tidak sama dengan contoh, maka jawaban pada nomor yang bersangkutan akan di**

**div 2!**

**MATERI : 40**

|  |  |
| --- | --- |
| SCORE | KRITERIA |
| Insert | |
| 2/0 | Tampilan sesuai |
| 3/0 | Dapat menampilkan data pada datagridview sesuai club yang dipilih |
| 5/2/0 | Dapat mengisi Combobox club aktif dan combobox bekerja dengan baik |
| 5/2/0 | Dapat mengisi combobox player sesuai dengan mode beli atau jual |
| 4/0 | Tombol Add dapat menambahkan data player yang dibeli pada listbox (harus sesuai format) |
| 2/0 | Dapat menghapus data yang dipilih dari listbox transaksi |
| 2/0 | Dapat menambah listbox pasar transfer setelah tombol finish ditekan |
| 10/0 | Dapat melakukan input pada h\_trans dan d\_trans dengan memakai transaksi secara benar |
| 7/0 | Datagridview dapat berganti saat transaksi berhasil dilakukan |
| Total : 40 | |

**TUGAS : 30**

**UNTUK AUTORISASI DATABASE, GUNAKAN USER ‘n217116657’ dan password ‘217116657’**

Tambahkan menu untuk mengatur master transaksi seperti materi pada tugas minggu ke 5. Pastikan semua fungsionalitas berjalan dengan baik.

**KRITERIA YANG TIDAK DI HIGHLIGHT TIDAK AKAN DIPERIKSA**

|  |  |
| --- | --- |
| SCORE | KRITERIA |
| 7/0 | Modul master personel berjalan dan berpenampilan sempurna (menggunakan konsep transaksi) |
| 7/0 | Modul master club berjalan dan berpenampilan sempurna (menggunakan konsep transaksi) |
| 10/0 | Modul master transaksi berjalan dan berpenampilan sempurna |
| 6/0 | MDI berjalan dengan baik |
| Total : 30 | |

Menyetujui Mengetahui Penyusun Soal

(Riandika Lumaris, S.Kom., M.Kom.) (Grace Levina Dewi, M.Kom.) (Kenny Vincent)

Koordinator Kuliah Koordinator Laboratorium Asisten

|  |  |
| --- | --- |
| Negara | |
| column | type |
| id\_negara | Varchar2(3), PK |
| Nama\_negara | Varchar2(15) |

|  |  |
| --- | --- |
| Liga | |
| column | type |
| id\_liga | Varchar2(5), PK |
| Nama\_liga | Varchar2(30) |
| Id\_negara | Varchar2(3), references negara(id\_negara) |
| divisi | number |

|  |  |
| --- | --- |
| Agen | |
| column | type |
| id\_agen | Varchar2(7), PK |
| Nama\_agen | Varchar2(20) |
| experience | Number |
| Id\_negara | Varchar2(3), references negara(id\_negara) |

|  |  |
| --- | --- |
| Manager | |
| column | type |
| id\_manager | Varchar2(6), PK |
| Nama\_manager | Varchar2(20) |
| Dob\_manager | date |
| Id\_negara | Varchar2(3), references negara(id\_negara) |
| Id\_agen | Varchar2(7), references agen(id\_agen) |

|  |  |
| --- | --- |
| Club | |
| column | type |
| id\_club | Varchar2(7), PK |
| Nama\_club | Varchar2(20) |
| Tahun\_berdiri | date |
| Id\_liga | Varchar2(5), references liga(id\_liga) |

|  |  |
| --- | --- |
| Stadium | |
| column | type |
| id\_stadium | Varchar2(6), PK |
| Nama\_stadium | Varchar2(20) |
| Kapasitas | Number |
| Id\_club | Varchar2(7), references club(id\_club) |
| Id\_negara | Varchar2(3), references negara(id\_negara) |

|  |  |
| --- | --- |
| Player | |
| column | type |
| id\_player | Varchar2(8), PK |
| Nama\_player | Varchar2(20) |
| Dob\_player | Date |
| Id\_club | Varchar2(7), references club(id\_club) |
| Id\_negara | Varchar2(3), references negara(id\_negara) |
| Id\_agen | Varchar2(3), references agen(id\_agen) |

|  |  |
| --- | --- |
| H\_transaksi | |
| column | type |
| id\_transaksi | Varchar2(8), PK |
| Club\_asal | Varchar2(7), references club(id\_club) |
| Club\_baru | Varchar2(7), references club(id\_club) |
| Biaya\_transfer | Number |
| Tgl\_transfer | Date |

|  |  |
| --- | --- |
| D\_transaksi | |
| column | type |
| id\_transaksi | Varchar2(8), PK |
| Id\_player | Varchar2(8), references player(id\_player), PK |
| Subtotal | Number |

|  |  |
| --- | --- |
| Club\_Manager | |
| column | type |
| id\_club | Varchar2(7), references club(id\_club), PK |
| Id\_manager | Varchar2(6), references manager(id\_manager), PK |

|  |  |
| --- | --- |
| Negara | |
| id\_negara | nama\_negara |
| ENG | ENGLAND |
| FRN | FRANCE |
| ESP | SPAIN |
| WLS | WALES |
| GER | GERMANY |
| ITA | ITALY |
| JPN | JAPAN |
| ROM | ROMANIA |
| RUS | RUSSIA |
| UKR | UKRAINE |
| BEL | BELGIUM |
| HOL | HOLLAND |
| USA | USA |
| SWE | SWEDEN |
| NOR | NORWAY |
| CRO | CROATIA |
| ICE | ICELAND |
| DEN | DENMARK |
| CZE | CZECH |
| IRE | IRELAND |
| FIN | FINLAND |
| BUL | BULGARIA |
| SER | SERBIA |
| KOR | SOUTH KOREA |
| ARG | ARGENTINA |
| BRA | BRAZIL |
| POR | PORTUGAL |
| SCO | SCOTLAND |

|  |  |  |  |
| --- | --- | --- | --- |
| Liga | | | |
| id\_liga | nama\_liga | id\_negara | divis |
| EN001 | Premier League | ENG | 1 |
| EN002 | EFL Championship | ENG | 2 |
| EN003 | English Football League | ENG | 3 |
| EN004 | EFL League One | ENG | 4 |
| EN005 | EFL League Two | ENG | 5 |
| EN006 | National League (division) | ENG | 6 |
| FR001 | [Ligue 1](https://en.wikipedia.org/wiki/Ligue_1) | FRN | 1 |
| FR002 | [Ligue 2](https://en.wikipedia.org/wiki/Ligue_2) | FRN | 2 |
| FR003 | [Championnat National](https://en.wikipedia.org/wiki/Championnat_National) | FRN | 3 |
| FR004 | [Championnat National 2](https://en.wikipedia.org/wiki/Championnat_National_2) | FRN | 4 |
| FR005 | [Championnat National 3](https://en.wikipedia.org/wiki/Championnat_National_3) | FRN | 5 |
| SP001 | [La Liga](https://en.wikipedia.org/wiki/La_Liga) | ESP | 1 |
| SP002 | [Segunda División](https://en.wikipedia.org/wiki/Segunda_Divisi%C3%B3n) | ESP | 2 |
| SP003 | [Segunda División B](https://en.wikipedia.org/wiki/Segunda_Divisi%C3%B3n_B) | ESP | 3 |
| SP004 | [Tercera División](https://en.wikipedia.org/wiki/Tercera_Divisi%C3%B3n) | ESP | 4 |
| SP005 | [Divisiones Regionales](https://en.wikipedia.org/wiki/Divisiones_Regionales_de_F%C3%BAtbol) | ESP | 5 |
| IT001 | [Serie A](https://en.wikipedia.org/wiki/Serie_A) | ITA | 1 |
| IT002 | [Serie B](https://en.wikipedia.org/wiki/Serie_B) | ITA | 2 |
| IT003 | [Serie C](https://en.wikipedia.org/wiki/Serie_C) | ITA | 3 |
| IT004 | [Serie D](https://en.wikipedia.org/wiki/Serie_D) | ITA | 4 |
| IT005 | [Eccellenza](https://en.wikipedia.org/wiki/Eccellenza) | ITA | 5 |
| IT006 | [Promozione](https://en.wikipedia.org/wiki/Promozione) | ITA | 6 |
| HO001 | Eredvisie | HOL | 1 |
| BA001 | Campeonato Serie A | BRA | 1 |
| AR001 | Superliga Argentina | ARG | 1 |
| US001 | Major League Soccer | USA | 1 |
| JP001 | Japan League | JPN | 1 |
| KO001 | Korea League | KOR | 1 |
| BE001 | Belgian First Division A | BEL | 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| Club | | | |
| Id\_club | Nama\_club | tahun\_berdiri | Id\_liga |
| MU001 | Manchester United | 1878 | EN001 |
| AR001 | Arsenal | 1886 | EN001 |
| MC001 | Manchester City | 1880 | EN001 |
| CH001 | Chelsea | 1905 | EN001 |
| LI001 | Liverpool | 1892 | EN001 |
| TO001 | Tottenham | 1882 | EN001 |
| BA001 | Barcelona | 1899 | SP001 |
| RM001 | Real Madrid | 1902 | SP001 |
| AT001 | Atletico Madrid | 1903 | SP001 |
| SE001 | Sevilla | 1890 | SP001 |
| VA001 | Valencia | 1919 | SP001 |
| JU001 | Juventus | 1897 | IT001 |
| AM002 | AC Milan | 1899 | IT001 |
| IM001 | Inter Milan | 1908 | IT001 |
| NA001 | Napoli | 1926 | IT001 |
| AR002 | AS Roma | 1927 | IT001 |
| PS001 | Paris Saint Germain | 1970 | FR001 |
| AM001 | AS Monaco | 1919 | FR001 |
| LY001 | Lyon | 1950 | FR001 |
| LI002 | Lille | 1944 | FR001 |
| MA001 | Marseille | 1899 | FR001 |
| SA001 | Santos | 1912 | BA001 |
| SP001 | Sao Paulo | 1930 | BA001 |
| FL001 | Flamengo | 1895 | BA001 |
| IN001 | Internacional | 1909 | BA001 |
| GR001 | Gremio | 1903 | BA001 |
| BJ001 | Boca Junior | 1905 | AR001 |
| RP001 | River Plate | 1901 | AR001 |
| IN002 | Independiate | 1958 | AR001 |
| RC001 | Racing Club | 1903 | AR001 |
| GO001 | Gamba Osaka | 1980 | JP001 |
| FT001 | FC Tokyo | 1935 | JP001 |
| CO001 | Cerezo Osaka | 1957 | JP001 |
| VK001 | Vissel Kobe | 1966 | JP001 |
| UR001 | Urawa Reds | 1950 | JP001 |
| YF001 | Yokohama FM | 1972 | JP001 |
| GE001 | Genk | 1923 | BE001 |
| CB001 | Club Brugge | 1891 | BE001 |
| AN001 | Anderlecht | 1908 | BE001 |
| AV001 | [Aston Villa](http://www.bbc.co.uk/sport/football/teams/aston-villa) | 1910 | EN002 |
| BC001 | [Birmingham City](http://www.bbc.co.uk/sport/football/teams/birmingham-city) | 1912 | EN002 |
| BR001 | [Blackburn Rovers](http://www.bbc.co.uk/sport/football/teams/blackburn-rovers) | 1914 | EN002 |
| BW001 | [Bolton Wanderers](http://www.bbc.co.uk/sport/football/teams/bolton-wanderers) | 1916 | EN002 |
| BR002 | [Brentford](http://www.bbc.co.uk/sport/football/teams/brentford) | 1918 | EN002 |
| BC002 | [Bristol City](http://www.bbc.co.uk/sport/football/teams/bristol-city) | 1919 | EN002 |
| AW001 | [AFC Wimbledon](http://www.bbc.co.uk/sport/football/teams/afc-wimbledon) | 1921 | EN003 |
| AS001 | [Accrington Stanley](http://www.bbc.co.uk/sport/football/teams/accrington-stanley) | 1923 | EN003 |
| BA002 | [Barnsley](http://www.bbc.co.uk/sport/football/teams/barnsley) | 1925 | EN003 |
| BL001 | [Blackpool](http://www.bbc.co.uk/sport/football/teams/blackpool) | 1927 | EN003 |
| BC003 | [Bradford City](http://www.bbc.co.uk/sport/football/teams/bradford-city) | 1929 | EN003 |
| BR003 | [Bristol Rovers](http://www.bbc.co.uk/sport/football/teams/bristol-rovers) | 1922 | EN003 |
| EV001 | [Everton](http://www.bbc.co.uk/sport/football/teams/bristol-rovers) | 1910 | EN001 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Stadium | | | | |
| id\_stadium | nama\_stadium | kapasitas | id\_club | id\_negara |
| STD001 | Gavea Stadium | 78838 | FL001 | ENG |
| STD002 | Bloomfield Rd | 16220 | BL001 | ENG |
| STD003 | Old Trafford | 74643 | MU001 | ENG |
| STD004 | City of Manchester | 55097 | MC001 | ENG |
| STD005 | Stamford Bridge | 41631 | CH001 | ENG |
| STD006 | Anfield | 54074 | LI001 | ENG |
| STD007 | White Hart Lane | 36284 | TO001 | ENG |
| STD008 | Camp Nou | 99354 | BA001 | ESP |
| STD009 | Santiago Barnabeu | 81044 | RM001 | ESP |
| STD010 | Wanda Metropolitano | 68000 | AM002 | ESP |
| STD011 | Pizjuan Stadium | 43883 | SE001 | ESP |
| STD012 | Mestalla Stadium | 49500 | VA001 | ESP |
| STD013 | Juventus Stadium | 41507 | JU001 | ITA |
| STD014 | San Siro | 36500 | AM002 | ITA |
| STD015 | Guiseppe Meazza | 37000 | IM001 | ITA |
| STD016 | Stadio San Paolo | 60240 | NA001 | ITA |
| STD017 | Stadio Olimpico | 72900 | AR002 | ITA |
| STD018 | Parc des Princes | 47900 | PS001 | FRN |
| STD019 | Kincho Stadium | 18000 | CO001 | JPN |
| STD020 | Noevir Stadium | 30134 | VK001 | JPN |
| STD021 | Saitama Stadium | 63700 | UR001 | JPN |
| STD022 | Nissan Stadium | 72327 | YF001 | JPN |
| STD023 | Luminus Arena | 23718 | GE001 | BEL |
| STD024 | Jan Breydel | 29062 | CB001 | BEL |
| STD025 | Vanden Stock | 21500 | AN001 | BEL |
| STD026 | Villa Park | 42682 | AV001 | [ENG](http://www.bbc.co.uk/sport/football/teams/aston-villa) |
| STD027 | St Andrew's | 29409 | BC001 | [ENG](http://www.bbc.co.uk/sport/football/teams/birmingham-city) |
| STD028 | Ewood Park | 31367 | BR001 | [ENG](http://www.bbc.co.uk/sport/football/teams/blackburn-rovers) |

|  |  |  |  |
| --- | --- | --- | --- |
| Agen | | | |
| id\_agen | nama\_agen | exp (years) | id\_negara |
| AGEN001 | Lee Philpott | 11 | ENG |
| AGEN002 | Jonathan Dean | 8 | ENG |
| AGEN003 | Chris Greenhill | 8 | ENG |
| AGEN004 | Jonny Hughes | 10 | ENG |
| AGEN005 | Graham Duffield | 2 | ENG |
| AGEN006 | Magno Vieira | 7 | ENG |
| AGEN007 | David Bosumtwe | 12 | ENG |
| AGEN008 | Adam Bouskouchi | 3 | ENG |
| AGEN009 | David Currie | 5 | ENG |
| AGEN010 | Curtis Dawes | 1 | ENG |
| AGEN011 | Frederik De Jong | 5 | ENG |
| AGEN012 | Joseph Chenwi | 2 | ENG |
| AGEN013 | Peter Bint | 4 | ENG |
| AGEN014 | Lionel Foy | 5 | ENG |
| AGEN015 | Mark Gibbon | 3 | ENG |
| AGEN016 | Diomansy Kamara | 10 | FRN |
| AGEN017 | Olusola Omole | 2 | FRN |
| AGEN018 | Sabastine Onyeka | 9 | USA |
| AGEN019 | Emmanuel Mensah | 9 | FRN |
| AGEN020 | Osman Chari | 10 | USA |
| AGEN021 | Augusto Lopez | 3 | USA |
| AGEN022 | Antti Roiha | 7 | FIN |
| AGEN023 | Razaq Raji | 11 | IRE |
| AGEN024 | Eric Darko | 10 | USA |
| AGEN025 | Alexandre Marquot | 10 | FRN |
| AGEN026 | Matthijs Lambregts | 5 | HOL |
| AGEN027 | Bo Nilsson | 0 | SWE |
| AGEN028 | Constantin Negura | 2 | ROM |
| AGEN029 | Thiery Manigone | 2 | IRE |
| AGEN030 | Adolfo Lopes | 9 | POR |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Manager | | | | |
| id\_manager | nama\_manager | DOB | id\_negara | id\_agen |
| MAN001 | Greg Abbot | 14-12-1963 | ENG | AGEN001 |
| MAN002 | Alex Ferguson | 31-12-1941 | SCO | AGEN002 |
| MAN003 | Arsene Wenger | 22-10-1949 | FRN | AGEN003 |
| MAN004 | Josep Guardiola | 18-01-1971 | ESP | AGEN004 |
| MAN005 | Maurizio Sarri | 10-01-1959 | ITA | AGEN005 |
| MAN006 | Jurgen Klopp | 16-06-1967 | GER | AGEN015 |
| MAN007 | Mauricio Pochettino | 02-03-1972 | ARG | AGEN016 |
| MAN008 | Ernesto Valverde | 09-02-1964 | ESP | AGEN017 |
| MAN009 | Santiago Solari | 08-10-1976 | ARG | AGEN018 |
| MAN010 | Diego Simeone | 28-04-1970 | ARG | AGEN019 |
| MAN011 | Pablo Machin | 07-04-1975 | ESP | AGEN020 |
| MAN012 | Marcelino Toral | 14-08-1965 | ESP | AGEN021 |
| MAN013 | Massimiliano Allegri | 11-08-1967 | ITA |  |
| MAN014 | Gennaro Gattuso | 09-01-1978 | ITA | AGEN021 |
| MAN015 | Luciano Spalletti | 03-07-1959 | ITA | AGEN022 |
| MAN016 | Carlo Ancelotti | 10-06-1959 | ITA | AGEN023 |
| MAN017 | Eusebio Di Francesco | 08-09-1969 | ITA |  |
| MAN018 | Thomas Tuchel | 29-08-1973 | ITA | AGEN025 |
| MAN019 | Leonardo Jardim | 01-08-1974 | POR | AGEN026 |
| MAN020 | Bruno Genesio | 01-09-1966 | FRN |  |
| MAN021 | Christophe Galtier | 23-08-1966 | FRN |  |
| MAN022 | Rudi Garcia | 20-02-1964 | FRN | AGEN011 |
| MAN023 | Fernando Santos | 10-10-1954 | POR |  |
| MAN024 | Carlos Parreira | 27-02-1943 | BRA | AGEN013 |
| MAN025 | Abel Braga | 09-01-1952 | BRA | AGEN014 |
| MAN026 | Renato Portaluppi | 09-09-1962 | BRA | AGEN015 |
| MAN027 | Gustavo Alfaro | 14-08-1962 | ARG | AGEN013 |
| MAN028 | Marcelo Gallardo | 18-01-1976 | ARG | AGEN014 |
| MAN029 | Tsuneyasu Miyamoto | 07-02-1997 | JPN |  |
| MAN030 | Jose Mourinho | 26-01-1963 | POR | AGEN016 |
| MAN031 | Zinedine Zidane | 23-06-1972 | FRN | AGEN017 |
| MAN032 | Paolo Maldini | 26-06-1968 | ITA | AGEN018 |
| MAN033 | Harry Redknapp | 02-03-1947 | ENG |  |
| MAN034 | Kenny Dalglish | 04-03-1951 | SCO | AGEN020 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Player | | | | | |
| id\_player | nama\_player | DOB | id\_club | id\_negara | id\_agen |
| DD001 | David de Gea | 07-11-1990 | MU001 | ESP | AGEN020 |
| VL001 | Victor Lindelof | 17-07-1994 | MU001 | SWE | AGEN021 |
| PJ001 | Phil Jones | 21-02-1992 | MU001 | ENG | AGEN022 |
| CS001 | Chris Smalling | 22-11-1989 | MU001 | ENG | AGEN023 |
| NM001 | Nemanja Matic | 01-08-1989 | MU001 | SER | AGEN008 |
| PP001 | Paul Pogba | 15-03-1993 | MU001 | FRN | AGEN009 |
| AH001 | Ander Herrera | 14-08-1989 | MU001 | ESP | AGEN010 |
| JM001 | Juan Mata | 28-04-1988 | MU001 | ESP | AGEN011 |
| RL001 | Romelu Lukaku | 13-05-1993 | MU001 | BEL | AGEN012 |
| MR001 | Marcus Rashford | 31-10-1997 | MU001 | ENG | AGEN001 |
| AM001 | Anthony Martial | 05-12-1995 | MU001 | FRN | AGEN002 |
| PC001 | Petr Cech | 20-05-1982 | AR001 | CZE | AGEN003 |
| SM001 | Shkodran Mustafi | 17-04-1992 | AR001 | GER | AGEN004 |
| LK001 | Laurent Koscielny | 10-09-1985 | AR001 | FRN | AGEN005 |
| NM002 | Nacho Monreal | 26-02-1986 | AR001 | ESP | AGEN006 |
| HB001 | Hector Bellerin | 19-03-1995 | AR001 | ESP | AGEN004 |
| CJ001 | Carl Jenkinson | 08-02-1992 | AR001 | FIN | AGEN005 |
| AR001 | Aaron Ramsey | 26-12-1990 | AR001 | WLS | AGEN006 |
| MO001 | Mesut Ozil | 15-10-1988 | AR001 | GER | AGEN007 |
| DW001 | Danny Welbeck | 26-11-1990 | AR001 | ENG | AGEN008 |
| JC001 | Jasper Cillessen | 22-04-1989 | BA001 | HOL | AGEN009 |
| SU001 | Samuel Umtiti | 14-11-1993 | BA001 | FRN | AGEN010 |
| GP001 | Gerard Pique | 02-02-1987 | BA001 | ESP | AGEN011 |
| JA001 | Jordi Alba | 21-03-1989 | BA001 | ESP | AGEN022 |
| NS001 | Nelson Semedo | 16-11-1993 | BA001 | POR | AGEN023 |
| PC002 | Philippe Countinho | 12-06-1992 | BA001 | BRA | AGEN024 |
| OD001 | Ousmane Dembele | 15-05-1997 | BA001 | FRN | AGEN025 |
| LM001 | Lionel Messi | 24-06-1987 | BA001 | ARG | AGEN026 |
| SB001 | Sergio Busquets | 16-07-1988 | BA001 | ESP | AGEN027 |
| FL001 | Filipe Luis | 09-08-1985 | AT001 | BRA | AGEN028 |
| JU001 | Juanfran | 09-01-1985 | AT001 | ESP | AGEN029 |
| KO001 | Koke | 08-01-1992 | AT001 | ESP | AGEN030 |
| VI001 | Vitolo | 02-11-1989 | AT001 | ESP | AGEN015 |
| AG001 | Antoine Griezmann | 21-03-1991 | AT001 | FRN | AGEN016 |
| DC001 | Diego Costa | 07-10-1988 | AT001 | ESP | AGEN017 |
| PD001 | Paulo Dybala | 15-11-1993 | JU001 | ARG | AGEN018 |
| CR001 | Cristiano Ronaldo | 05-02-1985 | JU001 | POR | AGEN019 |
| MM001 | Mario Mandzukic | 21-05-1986 | JU001 | CRO | AGEN027 |
| LM002 | Luka Modric | 09-09-1985 | RM001 | CRO | AGEN028 |
| AD001 | Angel Di Maria | 14-02-1988 | PS001 | ARG | AGEN020 |
| KM001 | Kylian Mbappe | 20-12-1998 | PS001 | FRN | AGEN022 |
| NE001 | Neymar | 05-02-1992 | PS001 | BRA | AGEN023 |
| HK001 | Hiroshi Kiyotake | 12-11-1989 | CO001 | JPN | AGEN024 |
| YM001 | Yusuke Maruhasi | 02-09-1990 | CO001 | JPN | AGEN025 |
| MI001 | Mauri Icardi | 19-02-1993 | IM001 | ARG | AGEN026 |
| LI001 | Lorenzo Insigne | 04-06-1991 | NA001 | ITA | AGEN027 |
| JP001 | Javier Pastore | 20-06-1989 | AR002 | ARG | AGEN028 |
| DA001 | Dani Alves | 06-05-1983 | PS001 | BRA | AGEN029 |
| IR001 | Ivan Rakitic | 10-03-1998 | BA001 | CRO | AGEN030 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Transaksi | | | | |
| id\_transaksi | club\_asal | club\_baru | biaya\_transfer | tgl\_transfer |
| TRANS001 | EV001 | MU001 | 50000000 | 10-07-2017 |
| TRANS002 | JU001 | MU001 | 70000000 | 09-08-2016 |
| TRANS003 | AM001 | MU001 | 20000000 | 09-08-2017 |
| TRANS004 | NA001 | PS001 | 55000000 | 09-08-2012 |
| TRANS005 | RM001 | AR001 | 40000000 | 09-08-2016 |
| TRANS006 | MU001 | BA001 | 5500000 | 01-07-2008 |
| TRANS007 | AM001 | MU001 | 8000000 | 01-09-2015 |
| TRANS008 | CH001 | AT001 | 50000000 | 01-01-2018 |
| TRANS009 | CH001 | AT001 | 15000000 | 28-07-2015 |
| TRANS010 | LI001 | BA001 | 90000000 | 06-01-2018 |
| TRANS011 | LY001 | BA001 | 15000000 | 12-06-2016 |
| TRANS012 | TO001 | RM001 | 40000000 | 27-08-2012 |
| TRANS013 | SE001 | BA001 | 20000000 | 01-07-2014 |
| TRANS014 | CH001 | EV001 | 25000000 | 31-05-2014 |
| TRANS015 | EV001 | CH001 | 24000000 | 02-09-2014 |
| TRANS016 | IM001 | LI001 | 9000000 | 06-01-2013 |
| TRANS017 | AT001 | MU001 | 12000000 | 01-07-2011 |
| TRANS018 | SA001 | BA001 | 50000000 | 01-07-2013 |
| TRANS019 | AT001 | CH001 | 35000000 | 07-01-2014 |
| TRANS020 | MU001 | RM001 | 60000000 | 01-07-2009 |
| TRANS021 | RM001 | JU001 | 100000000 | 10-07-2018 |
| TRANS022 | CH001 | AR001 | 12000000 | 01-07-2015 |
| TRANS023 | MU001 | AR001 | 17000000 | 01-09-2014 |
| TRANS024 | VA001 | CH001 | 26000000 | 24-08-2011 |
| TRANS025 | CHO01 | MU001 | 38000000 | 24-08-2014 |
| TRANS026 | RM001 | VA001 | 1100000 | 01-07-2007 |
| TRANS027 | VA001 | BA001 | 10000000 | 01-07-2012 |
| TRANS028 | AT001 | JU001 | 20000000 | 01-07-2015 |
| TRANS029 | BA001 | AR001 | 500000 | 01-07-2011 |
| TRANS030 | RM001 | MU001 | 50000000 | 25-08-2014 |
| TRANS031 | MU001 | PS001 | 50000000 | 06-08-2015 |
| TRANS032 | PS001 | AR002 | 15000000 | 01-07-2018 |
| TRANS033 | MU001 | JU001 | 3500000 | 03-08-2012 |
| TRANS034 | BA001 | JU001 | 9000000 | 01-07-207 |
| TRANS035 | BA001 | PS001 | 106000000 | 01-08-2014 |
| TRANS036 | MU001 | CH001 | 20000000 | 01-09-2018 |
| TRANS037 | CH001 | MU001 | 20000000 | 01-09-2018 |
| TRANS038 | MU001 | CH001 | 20000000 | 01-09-2018 |
| TRANS039 | MC001 | RM001 | 20000000 | 01-09-2018 |
| TRANS040 | RM001 | MC001 | 20000000 | 01-09-2018 |
| TRANS041 | MC001 | RM001 | 20000000 | 01-09-2018 |

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| --- | --- | --- |
| D\_Transaksi | | |
| id\_transaksi | id\_player | subtotal |
| TRANS001 | RL001 | 50000000 |
| TRANS002 | PP001 | 70000000 |
| TRANS003 | AH001 | 20000000 |
| TRANS004 | EC001 | 55000000 |
| TRANS005 | MO001 | 40000000 |
| TRANS006 | GP001 | 5500000 |
| TRANS007 | AM001 | 8000000 |
| TRANS008 | DC001 | 50000000 |
| TRANS009 | FL001 | 15000000 |
| TRANS010 | PC002 | 90000000 |
| TRANS011 | SU001 | 15000000 |
| TRANS012 | LM001 | 40000000 |
| TRANS013 | IR001 | 20000000 |
| TRANS014 | RL001 | 25000000 |
| TRANS015 | RL001 | 24000000 |
| TRANS016 | PC002 | 9000000 |
| TRANS017 | DD001 | 12000000 |
| TRANS018 | NE001 | 50000000 |
| TRANS019 | DC001 | 35000000 |
| TRANS020 | CR001 | 60000000 |
| TRANS021 | CR001 | 100000000 |
| TRANS022 | PC001 | 12000000 |
| TRANS023 | DW001 | 17000000 |
| TRANS024 | JM001 | 26000000 |
| TRANS025 | JM001 | 38000000 |
| TRANS026 | JM001 | 1100000 |
| TRANS027 | JA001 | 10000000 |
| TRANS028 | MM001 | 20000000 |
| TRANS029 | HB001 | 500000 |
| TRANS030 | AD001 | 50000000 |
| TRANS031 | AD001 | 50000000 |
| TRANS032 | JP001 | 15000000 |
| TRANS033 | PP001 | 3500000 |
| TRANS034 | DA001 | 6000000 |
| TRANS035 | NE001 | 100000000 |
| TRANS035 | DA001 | 6000000 |

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| --- | --- |
| club\_manager | |
| Id\_club | Id\_manager |
| MU001 | MAN002 |
| AR001 | MAN003 |
| MC001 | MAN004 |
| CH001 | MAN005 |
| LI001 | MAN006 |
| TO001 | MAN007 |
| BA001 | MAN008 |
| RM001 | MAN009 |
| AT001 | MAN010 |
| SE001 | MAN011 |
| VA001 | MAN012 |
| JU001 | MAN013 |
| AM002 | MAN014 |
| IM001 | MAN015 |
| NA001 | MAN016 |
| AR002 | MAN017 |
| PS001 | MAN018 |
| AM001 | MAN019 |
| LY001 | MAN020 |
| LI002 | MAN021 |
| MA001 | MAN022 |
| SA001 | MAN023 |
| SP001 | MAN024 |
| FL001 | MAN025 |