|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | ILF/EIF | DETs | L/A/H | UPF |
| Clients information(CI) | ILF | 3 | L | 7 |
| Clients ID information(CII) | ILF | 2 | L | 7 |
| Room information(RI) | ILF | 3 | L | 7 |
| Business volume(BV) | ILF | 2 | L | 7 |
| Exchange rate(ER) | EIF | 2 | L | 5 |
| Price of room information(PRI) | ILF | 2 | L | 7 |
| Service information(SI) | ILF | 2 | L | 7 |
| Reserve room(RR) | ILF | 3 | L | 7 |
| Special clients information(SCI) | ILF | 2 | L | 7 |
| Transfer information(TI) | ILF | 2 | L | 7 |
| Frequency of living in hotel information(FLI) | ILF | 2 | L | 7 |
| TOTAL |  |  |  | 75 |

# GROUP 17

Data Functions:

Transactional Functions

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | | EI/EO/EQ | FTRs | DETs | L/A/H | UPF |
| Manage receptions | | 4/4/3 | CI,CII,RI,PRI | 3+1+2+1=7 | H/A/A | 13 |
| Use sale-room tools | | 3/3/2 | RI,PRI,FLI | 2+1+1=4 | A/A/L | 12 |
| Search information | | 3/3/3 | CI,CII,RI,PRI,SCI  RR,TI | 3+1+2+1+2  +3+1=13 | H/H/H | 19 |
| Register cash management | | 2/3/3 | CI,CII,RI,SI,PRI  TI | 3+1+2+2+1  +1=10 | A/H/H | 17 |
| Check management | | 1/3/2 | BV,ER,TI,CI,CII | 3+2+1+1+1  =8 | L/H/A | 14 |
| Manage construction of clients’ history | | 4/4/2 | CI,CII,SCI,FLI, | 3+2+2+1=8 | H/H/A | 17 |
| Manage unique VIP generation | | 2/2/1 | CI,FLI | 3+1=4 | L/L/L | 10 |
| TOTAL |  | |  |  |  | 102 |

**The final function points is 75+102=177**

|  |  |
| --- | --- |
| **General System Characteristics(GSCs)** | **Degree Of Influence(DI) 0-5** |
| 1.Data Communications | 3 |
| 2.Distributed Date Processing | 3 |
| 3.Performance | 3 |
| 4.Heavily Used Configuration | 3 |
| 5.Transaction Rate | 3 |
| 6.Online Data Entry | 2 |
| 7.End-User Efficiency | 3 |
| 8.Online Update | 2 |
| 9.Complex Processing | 3 |
| 10.Reusabliity | 3 |
| 11.Installation Ease | 4 |
| 12.Operational Ease | 4 |
| 13.Multiple Sites | 0 |
| 14.Facilitate Change | 3 |
| 15.Total Degree Of Influence(TDI) | 2 |
| 16.Value Adjustment Factor(VAP) | 3 |
| VAF = (44\*0.01)+0.65=1.53 | |