##### ITRW225 Group Project Final Mark Sheet

NAMES OF GROUP MEMBERS:

* **Coenraad Human, 28410629**
* **Savannah Fritze,**
* **Pieter Brand,**
* **Heino Nel,**

SHORT DESCRIPTION OF THE TOPIC:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PROGRAMMING LANGUAGE: **Microsoft .Net Framework 4.5.2 (C#)**

DBMS: **Microsoft Access**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Criteria** |  | **Repo** | **Total** | **Mark** |
| Project plan in MS Project | 1 | ✓ | 10 |  |
| Feasibility Matrix with Cost Benefit Analysis | 2 | ✓ | 10 |  |
| Physical Data Model   * Entities * Attributes * PK’s * FK’s * Relationships * Referential Integrity * Database has minimum duplication * Efficient design | 3 | ✓ | 25 |  |
| Physical Process Model | 4 | ✓ | 20 |  |
| Network Architecture DFD | 5 | ✓ | 10 |  |
| Prototypes of input, output and user interface (Hard copy) | 6 | ✓ | 15 |  |
| Database schema created electronically according to physical data model (Hard copy) | 7 | ✓ | 10 |  |
| Example code, e.g. code verifying input | 8 | ✓ | 10 |  |
| Example reports generated from your system | 9 |  | 10 |  |
| **Test document:** see P 691 – 692 on acceptance testing  Hand in proof of:   * verification testing (alpha testing), 2 x test cases per table * integration testing, e.g. data entered appears correctly on all reports | 10 | ✓ | 20 |  |
| **User manual:** Table of content and index, ‘getting started’, easy to follow instructions, technical compilation | 11 | ✓ | 25 |  |
| Diary of time spent by each member on the project | 12 | ✓ | 15 |  |
| CD with ALL documentation and source code | I |  | 10 |  |
| Hardcopy of all of above | I |  | 10 |  |
| Presentation / Demonstration:   * Program must be installed from CD * Whole team participates * On time for appointment * Computer set up correctly * Questions answered correctly | I |  | 10 |  |
| System itself:   * Professional and functional * For all tables identified in data model, functionality to :   + create new records,   + update records   + remove records   + input data validation * Integration test, i.e. correctness of input and output * Reports: Professional layout, well planned, accuracy of output * Calculations, sorting, fast and effective searching of data * User friendly system, help function * Efficient program code | I |  | 70 |  |
| Complexity/ level of difficulty | I |  | 10 |  |
| Bonus marks | I |  | 10 |  |
| System not ready for demonstration on date and time of appointment | I |  | -50 |  |
| **TOTAL** |  |  | **/300** |  |
|  |  |  | **/300 …⏩ /100** |  |