UNIVERSITY OF JOHANNESBURG

Academy of Computer Science and Software Engineering

Informatics 3 Group Project

Final Deliverable

Due: 17/10/2017

Team No		Team Name		Final Mark	
Evaluator				Mark	Total
Signature		Date			50

	Mark	Total
1. Source Control		5
a. Revision control history - Descriptive commit messages - Number of commit messages		
2. Deployment		5
a. Deployment of website and, if applicable, a desktop application - Not using the IDE debugger b. Deployment of Mobile Application (can use mobile device emulator)		
Notes:		
3. Documentation		10
- Did the project team provide sufficient documentation for the developed product? a. User guide - Basic "Getting Started" guide for the system - Must provide login credentials for ALL user roles/accounts in system b. Developer Guide - Application Program Interface (APIs) if present c. Installation / Deployment Guide - Software required for deployment		
Notes:		

	Mark	Total
4. Presentation Skills		10

- Is the team professional in their presentation of the developed system?

a. Team professionalism
   - Dress: Suitable for professional corporate environment?
   - Does every one participate?
   - Is the presentation systematic?
   - Team practiced presentation / did not interrupt each other
   - Team on time

b. Preparation for the presentation
   - Was the presentation planned ahead?
   - Were scenarios used?
   - Was the flow of the presentation logical?

Notes:

5. Programming Aspects		5

- Effective handling of programming techniques?
- Does the team use up-to-date techniques?

a. Programming:
   - Error handling?
   - Robustness of system
   - Input validation
   - Programming style?
   - Comments in code?

Notes

6. User Experience		15

- How easy is it to use the system?
- Is the system user friendly?

a. User support
   - Minimize keying in of data
   - Drop down menus
   - Position in the menu tree (if applicable)
   - Indicators for system busy
   - Cultural and physical differences taken into consideration

b. Look and Feel
   - Layout of user interface elements
   - Colour choices
   - Adapted for the environment
   - Consistent across different applications

Notes:

	Mark	Total
7. Utility of the System		20

- Does the system add value to the solution?
- Does the user get valuable information?
- Is the system more than a computerised manual system?
- Does it cater for both the operational and management level?
- Which functionalities are supplied by the system?

a. Functional operational information
   - Regular information on a daily basis
   - Operational Reports
   - Information functional
   - Information easy to obtain
   - Clearly represented information (tables, diagrams, etc.)
   - Useable information

b. Management Support
   - Effective display techniques
   - Statistical reports
   - Decision support for managers
   - Export reports
   - Printed reports

c. Is the solution effective? Does it solve the problem and add value?
   - Is this solution only theoretical or does it have a realistic application for commercial purposes?

Notes:

	Mark	Total
8. Architecture and Complexity		20

- The use of architecture and algorithms to solve the problem and the way in which the system was technically finished

a. Algorithms
   - Decision making aspects of the system
   - Complexity of calculations (e.g. scheduling, forecasting, etc.)
   - Calculation of optimal values
   - Real time calculations
   - What-If calculations

b. Database
   - Sufficient number of records in the database for “real world” demo?
   - Updating of database? (in real time, on program level, database level, simulator, generator)

c. Technical finishing
   - Inputs from external systems (external databases, systems, etc.)
   - Inputs from QR, RFID, etc.

d. Overall complexity of the system as a whole

Notes:

9. Innovation		10

- Application of better solutions that meet new requirements, inarticulated needs, or existing market needs.

a. Does the application approach a new problem, or look at an old problem in a new way?
b. Does the application impact a large number of people very broadly, or impact a smaller number of people very deeply?
c. To which degree does the application actually solve the current problem?

Notes: