

CMPG223 Group Project Final Mark Sheet

NAMES OF GROUP MEMBERS: Tanya Hendricks - 335 988 94

SHORT DESCRIPTION OF THE TOPIC: Point of sale system for a small printing shop

PROGRAMMING LANGUAGE: Visual Studio - C#

DBMS: MS Sql Server

USERNAME & PASSWORD (IF REQUIRED TO GET ACCESS TO SYSTEM):

Criteria	Total	Mark
Physical Data Model <ul style="list-style-type: none">• Entities• Attributes with correct data types• PK's• FK's• Relationships• Referential Integrity• 3NF• Efficient design	25	
Physical Process Model <ul style="list-style-type: none">• All use cases (scope items) are indicated as processes• Data flows for maintaining all entities of data model• Data flows for all business process steps of scope• All entities of data model appear as data stores• All actors of use case appear as agents	20	
Screen print of database schema created in DBMS according to physical data model (Hard copy)	10	
Screen print of example programming code for maintaining a child entity of the data model and illustrating the efficient reuse of code (e.g. making use of methods)	10	
Screen prints of two reports generated from your system and providing: <ul style="list-style-type: none">• summarized information,• professional layout,• well planned	10	

<ul style="list-style-type: none"> • sorting or ordering, • fast and effective searching of data (allowing for parameters e.g. per time period) 		
User manual: <ul style="list-style-type: none"> • 'getting started', i.e. steps to follow to get the system installed • technical requirements, i.e. system requirements in terms of RAM, HDD space, processor speed 	5	
Detail diary of time spent by each member on the project and/or GitHub or BitBucket screen prints	10	
ALL above documentation and source code submitted on eFundi	5	
Zoom Presentation / Demonstration: <ul style="list-style-type: none"> • Whole team participates • On time for appointment • Computer set up correctly • Questions answered correctly 	10	
System itself: <ul style="list-style-type: none"> • Professional and functional • For all tables identified in data model, functionality to : <ul style="list-style-type: none"> ○ create new records, ○ update records ○ remove records ○ input data validation • Integration test, i.e. correctness of input and output • Reports: accuracy of output • Calculations, sorting, fast and effective searching of data • User friendly system, help function on one form only e.g. tool tips, explaining the use of the form, search for keywords • Efficient program code 	75	
Complexity/ level of difficulty	10	
Bonus marks	10	
System not ready for demonstration on date and time of appointment	-50	
TOTAL	/200	