FIT3003 S2 2018 Group Assignment

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Grade: HD

	N	Partial	Y	Comments
1. Data Warehouse Design				
ER Diagram			✓	The ER Diagram contains all tables and attributes and the notation standards/requirements used correctly.
Data Cleaning			✓	Data exploration on the operational database has been performed very well and all the data inconsistencies are found and has been cleaned in an accurate manner.
Star Schema Version-1		✓		Good understanding of Star Schema with high aggregation (Level-2), including the Bridge table. Minor problems are found on star schema (missing determinant dimension).
Star Schema Version-2		✓		Good understanding of Star Schema with high aggregation (Level-0), including the Bridge table and SCD. Minor problems are found on star schema (missing determinant dimension).
Short explanation for hierarchy/non-hierarchy			✓	Explaination on using hierarchy/non-hierarchy is clear and precise.
SCD			✓	Good explanation on the chosen SCD type.
Difference between two versions			✓	Good understanding on the difference between Star Schema Level-2 and Level-0.
2. Star/Snowflake Implementation				
Version-1 (Level 2)		✓		Correct implementation of most facts and dimensions. Code runs without errors.
Version-2 (Level 0)		✓		Correct implementation of most facts and dimensions. Code runs without errors.
3. Basic Reports				
Report 1			✓	Using correct OLAP function for all reports. Correctness on data retrieval/query processing for both versions. Reports are presented in Two-Column Table Methodology.
Report 2			✓	
4. Advanced Reports				
Report 3: Transactions' report			✓	Using correct OLAP function for all reports. Correctness on data retrieval/query processing for both versions. Most reports are presented in Two-Column Table Methodology.
Report 4: Report with proper sub-totals		✓		
Report 5: Report with moving and cummulative aggregates			✓	
Report 6: Report with partition			✓	
Report 7: City-to-city routes' report			✓	
Report 8: Passengers' report			✓	
5. Bonus			10%	