

# A DATA WAREHOUSE ASSISTANT DESIGN SYSTEM BASED ON CLOVER MODEL DWADS-CLOVER

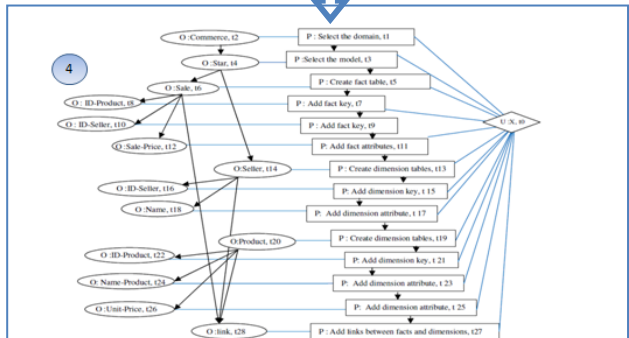
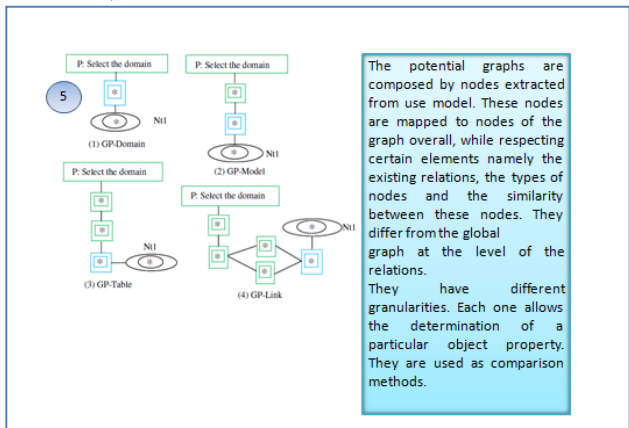
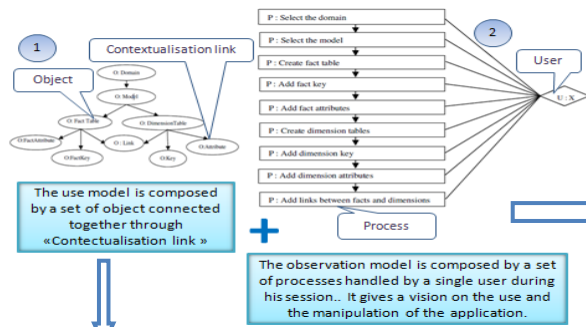
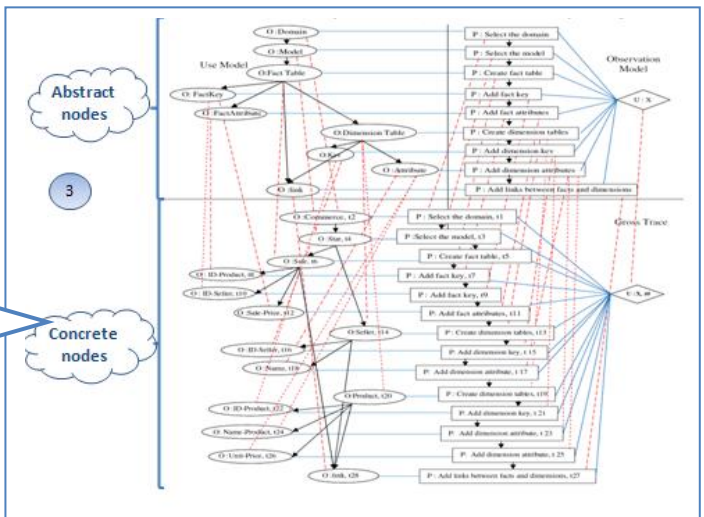
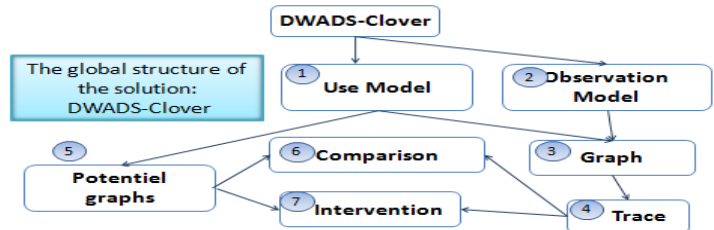
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## Introduction

The data warehousing is becoming increasingly important in terms of strategic decision making through their capacity to integrate heterogeneous data from multiple information sources in a common storage space, for querying and analysis.

## Objective

Offer assistance to the user during the DW design using the previous experiences.



**Comparison (6)**  
For a new user logged on, the system establishes a set of comparison between his record and those of previous users while using the episodes from the potential graph. The calculation methods have a thresholds related to the degree of similarity and the minimum number of nodes existing in the target case. Subsequently, we can keep the target having the most cases similar sources for a re-use later.

**Intervention (7)**  
The system response depends on the problem part. Indeed, we can distinguish two ways. One way is when this part corresponds to the problem part of another episode. In which case, the system presents the objects of the solution part. In the case of deference, the system looks in the most similar episodes recorded. In the latter case, it displays all possible cases and, subsequently, gives to the user the freedom to choose.

**Conclusion**  
DWADS-Clover offers assistance to the user during the design of the DW schema. The system is based on the previous experiences already exist.