Abstract

Moto Club Millau Passion PROJECT

Moto Club Millau Passion (MCMP) is a club which organizes motorcycle outings. MCMP wishes to structure its information system in order to communicate with its members, to manage the subscriptions, to publish news, and other needs stipulated in the specifications.

To do this, I had to analyze the client's needs. I wrote a use case diagram in UML, a scenario, a data dictionary, and management rules. These tools were used to identify the needs in order to build a conceptual data model (CDM) with Merise allowing the creation of a database.

I then created tables, constraints, and other objects necessary for the architecture of the database. I then created tables, constraints, and other objects necessary for the architecture of the database. Data sets inserted in the database allowed me to formulate SQL test queries in order to evaluate the proper management of information, all within the Oracle DBMS.

Throughout the project, I recorded my actions, which required frequent iterations, and a certain agility that allowed me to go back to the previous steps in order to refine both the database and the different data test sets.

Finally, I established security management rules for the use of the database, with the implementation of different rights for the users.

Keywords : specifications, UML, data dictionary, CDM, Merise, database, queries, SQL, DBMS, Oracle, security management.

Emilie Paniagua

CDA5 - 2ISA