



## **Business Objects – Case Study**

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## Document History

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## 1. Introduction

### The Main Features

- a) Creation, execution and management of your own reports using information from the corporate databases
- b) Execution of reports that have been predefined and distributed by the Computing Services Department
- c) Presenting information as simple business charts or graphs
- d) Exporting data to other applications such as Microsoft Office

### Universes

The concept of a universe is central to Business Objects. A universe is a meaningful, user-orientated representation of a relational database. In practice, there are several universes, which have been designed by the Computing Services Department to provide particular views of the University's corporate database. New universes will be created or existing universes will be enhanced by the Computing Services Department as part of the on-going development of the service.

### Objects

Each universe is constructed with a set of objects. An object is an item of information that is of interest to a user of the information. It corresponds to a selection of data from the database and is, most usually, a column in a database table

### Classes

Within a universe, you will find objects grouped together into classes. When the Computing Services Department designs a universe, it groups objects into classes, solely, to reflect the user's natural grouping of items of information. In turn, some classes contain sub-classes. The purpose of classes and sub-classes is to make it easier for you to locate and select the objects you want when building a report. They play no other part in retrieving information.

## 2. Client

The Abu Dhabi Company for Onshore Oil Operations (ADCO) operates onshore and in shallow coastal water of the Emirate of Abu Dhabi, one of the seven members of the United Arab Emirates which was established on 2nd December 1971.

The original concession agreement was made with Petroleum Development (Trucial Coast) Ltd. On 11th January 1939, but geological work did not begin until after the Second World War. Exploratory drilling began in Abu Dhabi in February 1950.

The First commercial oil discovery was made at Bab in 1960, and exports began from the Jebel Dhanna terminal on 14th December 1963. In 1962, the Company was renamed the Abu Dhabi Petroleum Company, ADPC. On 1st January 1973, the Government of Abu Dhabi acquired a 25% interest, which was increased to 60% as from 1st January 1974. The Government interest is held by the Abu Dhabi National Oil Company, ADNOC. ADCO was incorporated under Law No. 14 for 1978, on 8th October 1978 and has been responsible, since February 1979, for operations in the concession area, which after relinquishments, now covers more than 21,000 square kilometers.

### 3. Solution provided

ADCO Needed Various Reports for their business which facilitates them to analyze production, performance and etc.

ADCO has facilitated with the reports they needed as:

**Location wise report**, this report is generated based on the location to analyze the production per location.

**Vehicle wise report**, this report is generated based on the Vehicles to analyze the Usage of Vehicle type.

**Vehicles and Location wise report**, this report is generated based on the Vehicles and location to analyze the Work load and Usage of Vehicles per location.

**Shift time and Location wise report**, this report is generated based on the Shift timings of the employee and location this helps ADCO to analyze the employee efficiency per location.



