



**SCHOOL OF PURE AND APPLIED SCIENCES  
DEPARTMENT OF INFORMATION TECHNOLOGY**

**PROJECT TITLE:  
CAR RENTAL RESERVATION WEB-BASED APPLICATION SYSTEM**

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## ABSTRACT

Online Car Reservation System is basically a database information system which is used to reserve/book vehicles by clients. The main objective of this system is to significantly improve process of booking and renting a car in the company. Before that, ABC Motor Company only used a traditional system such as use a form to make their booking. The traditional system had many problems that occurred to the user and management e.g. the user must fill in the booking form first and then the form must be seen by Head of Department to get a approval. If the Head of Department approve the booking, the user must go to Development Department to get an approval from Director or Official Executive. This problem can be solved with Online Reservation System where the user sitting in front of computer can make a booking/reservation via Internet. Here, the user must enter the right "username" and "password". After that, the user can access the system and make a reservation. Besides that, the system can creates a reports and show the statistic about booking that helps user such as management to manage the booking of vehicles more efficiency. The methodology being applied in this system is made use of analysis tools such as Data Flow Diagram and Entity relation diagram. The developments tools used were PHP and MYSQL database. The constraints encountered in the system were time and finance. Some of the modules used were booking module, report modules and login modules.