

notify the customer to return the car and take the reservation of the car when it is available. Therefore, taking this into consideration, the service at the car rental agencies is enhanced through the development of the web-based system integrated with SMS notification for making it simple for the customers.

Methodology

The web-based car rental system integrated with SMS technology has a very user-friendly interface. By using this system, employees can manage bookings, payment, vehicle issues and SMS notification to the customers within a few clicks only. The new data can be added or an existed data can be edited or deleted too by administrators. Thus, there is no delay in the availability of any information, whether needed, can be captured very quickly and easily. For security purposes, all customers need to create a new account before logging in. He/she can log into the system with his/her created account before they can make a reservation for a car. Then the customer will be notified the availability of the car reserved through SMS. This system becomes very helpful for employees, administrator and customers. Figure 1 shows the car rental system architecture for the proposed system.

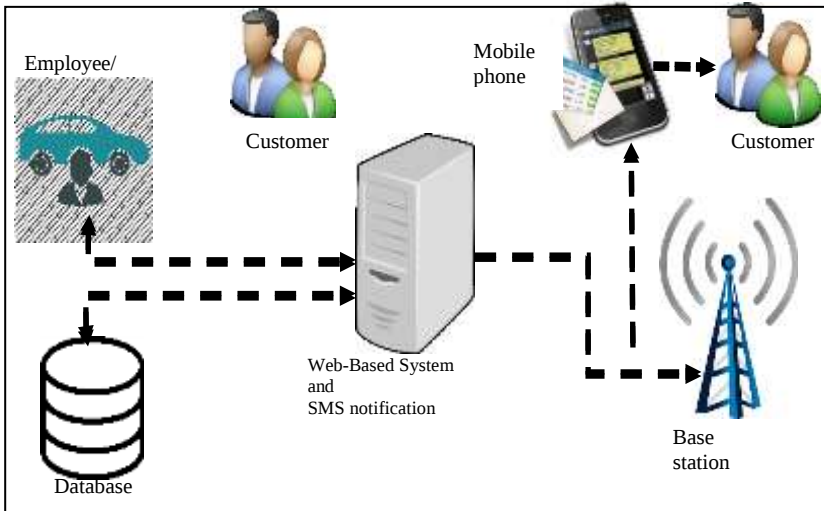


Figure 1: Car Rental System Architecture