

## ABSTRACT

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*Web Based Hotel Reservation and Payment Software is application be able to handle the reservation process, the recording of additional service, data transaction management and make a report for transactions of reservation Puri Setiabudhi Hotel Bandung. This application is created by using the Waterfall method. The programming language used is PHP with CodeIgniter framework and uses a MySQL for database. Tools and Editors used are XAMPP and Netbeans 8.0. Web Based Hotel Reservation and Payment Software is used by 6 users that are Admin, Front Office, Back Office, General Cashier, Guest and Member.*

*The functionality contained in this application include email notifications that are used to convey information about an ongoing promo in Puri Setiabudhi hotel managed by an admin. Admin has permissions to manage promo data, room data, service data and data on the reservation. Front Office has permission to manage member data access and data reservation. Back Office has permission to view customer data, manage employee data and view the data on the reservation. General Cashier has permission to manage financial data, view data reservation and view customer data. And members have permission to manage the account, make hotel reservations online, and confirm the payment.*

*Keywords : Reservation, Payment, Hotel, Web Application*