

ABSTRACT

The presence of many travel service provider company that serves the Jakarta-Bandung route effect on various travel schedules are offered along with the destination point. All shuttle travel providers also prioritize on punctuality both for departure and arrival schedules for their customers. This advantage is that attract the customers to use the shuttle travel compared with other transportation services. However, prospective users who are still not familiar with the routes provided they must check to the website and confirm to each travel service provider company only to get information on availability of tickets and locations of the desired outlet. An app is required to provides the availability of ticket information and pool locations from a wide selection of travel travel providers in a single search.

Making the application is done by using waterfall software development method where every step in the development is done gradually, starting from gathering the functional requirement of the application conducted by conducting interviews, distributing questionnaires and doing benchmarking on similar applications, followed by system design using modeling UML then performed programming in making the application as needed and the last implentation and evaluation of the application using blackbox testing method.

Mobile-based apps e-ticketing travel with ticket purchasing feature, purchase history, payment confirmation and nearest pool location search can assist passengers in getting ticket availability information and can directly buy tickets without having to come to the pool and all ticket purchase transactions can be seen Through an application which useful in validation when check-in without having to print a ticket back.

Key Word : Shuttle Travel, e-Ticket, Pool Location, Mobile Application