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An android based live tour guide for Sri Lanka

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Tourism is one of the main industries that generate a high income for Sri Lanka. Even though it plays a crucial role in the attainment of macroeconomic stability, during the past few years a significant decrement in gaining foreign currency is implied. Dissatisfaction among tourists stems due to lack of honesty and loyalty of the Sri Lankan people. While mobiles were used only for the voice communication in the past today the scope has changed immensely. Currently most use mobiles for web browsing as well as for the Global Positioning Services (GPS). In order to develop a solution for the identified problems related to the Tourism industry with the enhancement of technology a "Live Tour Guide" application was developed. This application provides the distance as well as the estimated time to reach the destination from the point of origin when there is no t traffic. Apart from that it gives details regarding the places of interest and the hotels located along the desired travelling route. By using those details the tourists will be able to plan out their journey before they reach Sri Lanka. Any user who is equipped with an android based smart phone is eligible to use this application. Apart from the mobile application, a separate web site is available in order to make it easy to maintain the database which contains all the information regarding the locations. The entire data can be stored in the database very easily and accurately by using the "Live Tour Guide" website. The web site can be used by a particular agency, and the tourists will be able to enjoy the benefits of this "Live Tour Guide" mobile application. Finally this application could have a positive impact on the Sri Lankan economy as well as on the tourism industry.

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