

# Location and Time-Based Reminder Android Application – A Survey

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**Abstract:** *In this study, a location and time-based reminder android application is developed to help people remember their daily tasks which are location specific. Also enabling them to provide a time context to these reminders. Many times, it cannot be predicted when we will be at a particular location and at what time to perform tasks that are location specific. It is beneficial if we get an alert when we are actually present near that location. When combined with the context of location and time reminders can be much more efficient and drastically increase the productivity of users. The system uses Google Maps API, GPS, and Geo-Fencing Algorithms to provide accurate reminders. Timely reminders increase productivity by reducing the chances of the missing location of interest and the task to be performed..*

**Keywords:** Location-Based Reminder, GPS, Geo-Fencing, Flutter, Android

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