**Time Keeper**

**Team no: 3**

**Team Members:**

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**Project Goal and Objectives**

* **Motivation:**

The motivation for this project came from the idea that let’s take a situation where a person is travelling from one location to other in this case let it be by train and there might be a time when he doesn’t realize that he has reached his destination and might miss his stop, in such cases it would be helpful if he can set an alarm based on the location and not based on the time.

* **Significance:**

The main purpose and goal of our project is to create an alarm with advanced features. It is basically a normal alarm but with some advanced features like destination alarm, remainder alarm etc.

The unique features of this smart alarm are

1. A unique feature of this application is that a user can set a destination alarm which works in collaboration with google maps, for example a user can set a destination by using his google maps API on his phone and when the destination arrives the alarm will start automatically.
2. A user can select different wake up styles of the alarm to wake him up in his mornings, for example for the alarm to snooze or stop a user can select different options like, to play a game or solve a puzzle or solve a mathematical equation so that he comes to his active state from his sleep state
3. Another feature of this application is that it synchronizes with our calendar and notifies us about our event

* **Objective**:

An android application which consists of a personalization menu where user needs to enter details for setting alarm.

* **System Features:**
* Having the ability to remind the location we need to travel by dropping a pin without navigating through google maps.
* Having multiple options to set and off the general alarm basing on the user preference.
* Having the ability to synchronize the calendar and remind you about the events that are important to you.
* **Related Work:**

We already seen an android application related to Alarm which is having the features for setting and turning off the alarm. We found that it will not be sufficient for a man who needs to run with the time to be a part of this developing world. So, we thought of making an application with an additional feature by linking with google maps and synchronizing the calendar to remind the events which are important.

* **Backup project:**

1. The alternative thought of creating an application called “HelpMate". The main idea of this application is getting help from people who are willing or interested in doing a thing of their capability that helps a person. Here the person who needs help or some favor describes his situation and the way he can get out of that situation in a text box and raises a poll to Accept or Decline. Then he checks the result of the poll whenever he wants and he receives a notification if anyone accepts and willing to help him. If multiple persons are interested in helping him then he can find the locations of those persons and can find the nearest one.
2. The other idea is to creating an application "UMKC Events". The basic idea of this application is to get all the events that are being conducted in our campus together. This gives us the details of the event such as location, date, and time. It also consists of a feature by selecting the location we can find all the events that are being conducted in that location.

* **Bibliography:**

https://en.wikipedia.org/wiki/Alarm\_clock