Invention Disclosure Form

Instructions:

This form is provided to help you organize your thoughts about your invention. There's nothing "magic" about it. Do whatever you need to do in order to explain your invention in such a way as to be clear to one who is not familiar with it.

- Be careful to describe what, specifically, makes your invention *different from what has gone before.* Avoid general statements that your invention is "better" – please specify why is it better, or what makes it better?

- If you use any unusual terms, or ordinary terms in an unusual way, explain them.

- In addition to describing all the parts, describe *how the parts work together*.

- Why did you do things the way you did them, and not some other way? How else could you have accomplished the same end?

- In answering the questions, do not limit yourself to exactly the prototype you have in front of you, or to the very best way you might think your invention might be built. Allow your imagination to run - how else might this invention work? How far would it need to be changed before you say, "that's not my invention any more"? Are there less desirable, but still useful, ways of making the invention work?

- It's as important to point out what is *not* part of your invention (that is, what is "old") as it is to carefully explain what is new. Has the design, or part of the design, been used before, even if for a different purpose? How else have people accomplished the same function as your invention in the past?

- What are the possible problems? Under what circumstances might your invention *not* work? Are there critical parts, dimensions, ingredients?

- Drawings are always helpful, and if you are e-mailing this form you can include them electronically in one of the standard graphic formats (PCX, GIF, JPG) or as a drawing file in AutoCAD DXF or DWG formats.

INVENTION DISCLOSURE FORM

Note: The Questions with * should be answered and others are optional.

1. **Name of the Inventor(s)*:**
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3. **Title of the Invention (Optional):** *LOCATION BASED ADVERTISING AND TASK MANAGEMENT*

4. **Problem Solved by the invention*:** *Describe the unmet need/problems in the current solutions and the problem that this invention solves*.

   Problem statement: *To make an efficient use of Android Technology. Provide solution with least hardware requirement .To develop a mobile based application. "Location Based Advertising Task Management" is software developed. Advertisements are public notices designed to inform and motivate about Paid, non -personal, public communication about causes, goods and services, ideas, organizations, people, and places, through means such as direct mail, telephone, print, radio, television, and internet. There was not any direct way of publishing advertisement to user. They have to used some medium for advertisement. Location Based Task Management will help people to get the required advertisement easily based on there locality.*

   Solution:
   Location Based Advertising Task Management not only keeps track of the task but also notifies the user regarding the task at the appropriate time. In this project the user of the application creates a to-do list. The project requires the user enter the location at which he/she has to complete the task. Whenever user passes by that location, the application reminds the user of the task enabling the user to complete the task as promptly as possible. The technology used for tracking location is GPS. GPS is Global Positioning System that enables the user to know the location. Thus, Location Based Task Management is an extension and advanced form of to do list helping the user with daily tasking in life.

5. **Brief Description of the Invention*:** *Describe the invention in general terms: What does it do? And how does it do?*

    What does it do:

    The aim behind a location-based task management system is to provide users with a more efficient and convenient way to manage their tasks and activities based on their physical location. By utilizing GPS technology, these systems can track the geographical location of users and provide relevant and contextual tasks based on their current position . A location-based Advertising & task management system can help users prioritize and manage their tasks more effectively. By providing tasks that are specific to their current location, users can focus on completing tasks that are relevant and time-sensitive, increasing overall productivity.

    How does it do: *so In LOCATION BASED ADVERTISING AND TASK MANAGEMENT, shop/advertiser and user can access the application by logging in. it enable shop/advertiser to add their offers ,discounts on any other events that are going in their shop (special deals) , Give the advertisements to user by their tasks and interest. User will get notify when user will pass from colleges, shopping malls, or cinemas to get their deals and some exciting offers .also user can add task or reminder with location details so on basis of users current location ,system will generate alarm/beep/notification if users location is nearby task location*

6. **Detailed Description of the Invention (Optional):**

    In recent years, mainly advertisements and vouchers are used for providing discounts, text messages and posters were mainly used till date but to advertise on a mobile device is need of the current scenario. Vendors must be allowed to publish and edit an advertisement to users according to the interest of the customer. This technique has low cost for digital advertisement and has a pervasive system for advertising in large commercial malls. In order to publish advertisements on customer mobile phones and find the desired location of the vendors is used. Customers are those fellows who want information in less time the information may be like Location of the vendors, their discounts, and description of products. If information is not retrieved according to their choice in a short period of time. The interest may be lost in order to purchase products. They need to find more information and location without taking much effort . The information will extracted by analyzing the contents of social networks is use to predict the advertising categories that show interest a particular user. The framework applies on location based Advertising & Task Management to filter advertisements based on location of user and shop. Traditional paper based reminders are still useful, but they cannot be organized efficiently. Electronic reminders based on the calendar in Cell phones are more efficient and gaining popularity, but such reminders are mostly triggered by time. In many situations, tasks are only meaningful to be performed at a specific location, so it would be useful if reminders for those tasks can be triggered only when the person to be reminded is physically near or located at that location. Therefore, in this research, we develop a location-based task management for Android-based smart phones and tablets.

7. Diagrams/Figures (Optional): Provide figures showing all the components of your invention.
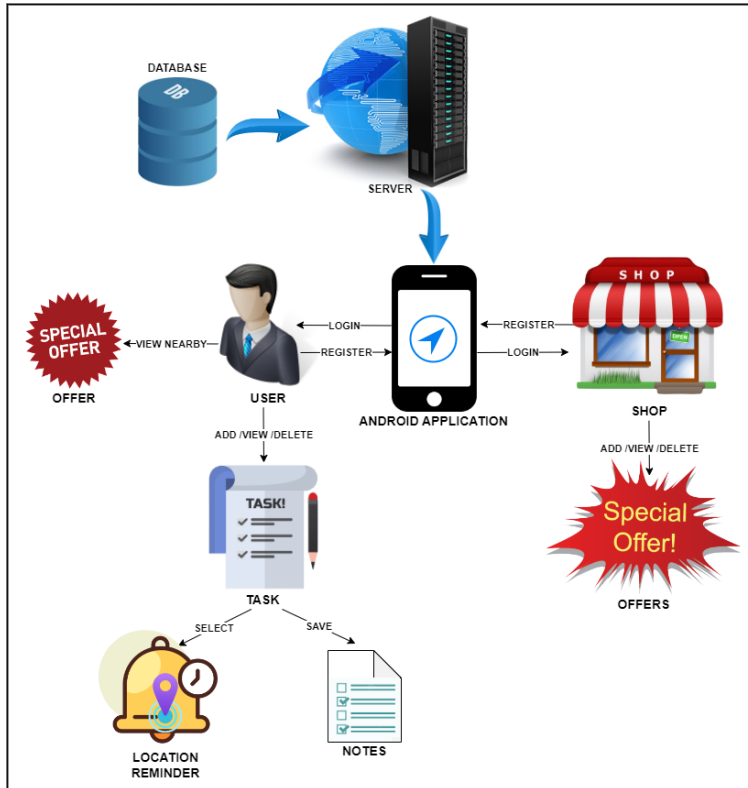
8. Literature or Prior arts (If Any-Optional):

In existing system is doing all the processes manually by making to notes or later the systems are based on time. The user needs to do the list of the entire task he has to perform with the details of time. This is so tedious and not always right as we can't do the thing on time. This process is so difficult because we have to carry notes or have to do things on time which is not always possible. Personal task reminders have been indispensable-able for modern people, in order to remind them of their tasks at specific circumstances. Traditional paper-based reminders are still useful, but they cannot be organized efficiently. Electronic reminders based on the calendar in cell phones are more efficient and gaining popularity, but such reminders are mostly triggered by time. Drawbacks of Existing System There are a lot of limitations for the existing systems :

1. Need to make To-do notes
2. Need to set reminder according to time
3. not accurate
4. Complicated procedure
5. May not complete in time