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Assignment 4

Title: Sensors for building smard applications.

Problem Statement: Sensons for building smart applications: use any sensons on device to add rich location & motion capabilities to your app. from GPS on network location & motion capabilities to your capabilities to your acceleration, gyroscope etc.

Theory

The application 'Advanced GPS location finder to identify hospital location & ATM location It offices below survives

- -> Retrieves user's current location.
- Duce user is near the location, location will be searching nearest places can be viewed
 - More can edit/delete/update/enable/disable

Moaule Description google Map & Searching location, UJ, Database le google places Search

1. Google Map & Searching Location:

It displays google map on your device

with options, google Map & Searching locations is

the main module of this application.

2. Google places Search Gorge provides world wide Search oplions
for google places by using google Search, to

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	find each & every google map locations in world.
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	A CONTRACTOR OF THE PROPERTY O
	Usur Interface: undivoid applications
	thing the state of
	Jt is important through the strong Android XML Jan VI here is disigned by using Android XML for user interfaces & lasy to handle opplication, for user interfaces & lasy to handle opplication,
	for user interface designs are used in
	this applications
	this applications.
4.	Solite Database: It Search location details in
•	android for pature Reference.
	(it was to said the said sa
×	Motion Sensors in Android Studio:
	Sensor's architecture vary by surviva
	- Grandi Imear acceleration, routing
_	Counter, step are either s/w or H/w based.
	Action of the second
	Hardware Based.
	Sensor Manager: (Sensor Manager) get System Service (context,
	The state of the s
	Sensor : Sensor Manager get Default Sensor (Sensor,
	TYPE LINEAR ACCELERATION:
	1
	Conclusion
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	In this adjust assignment I have learne . how to use location capabilities in Android.
	- how to use motion sensores in Android
-	The state of the s