



SPIRO
SOLUTIONS PVT LTD



ANDRIOD

PROJECT TITLE 2015 - 2016



ANDROID

S.NO	PROJECT CODE	PROJECT TITLES	YEAR
1	ITAD01	Distance-based Location Management Utilizing Initial Position for Mobile Communication Networks	2015
2	ITAD02	SBVLC: Secure Barcode-based Visible Light Communication for Smart phones	2015
3	ITAD03	Tap-Wave-Rub: Lightweight Human Interaction Approach to Curb Emerging Smartphone Malware	2015
4	ITAD04	Bluesaver: A Multi-PHY Approach to Smartphone Energy Savings	2015
5	ITAD05	A Step Counting Algorithm for Smartphone Users: Design and Implementation	2015
6	ITAD06	Examining the Relationship between Find Bugs Warnings and End User Ratings: A Case Study On 10,000 Android Apps	2015
7	ITAD07	Near-Field Communication: It Pays	2015
8	ITAD08	COVERT: Compositional Analysis of Android Inter-App Permission Leakage	2015
9	ITAD09	MyPace: An Integrative Health Platform for Supporting Weight Loss and Maintenance Behaviors	2015
10	ITAD10	Haptics-based Apps for Middle School Students with Visual Impairments	2015
11	ITAD11	Indoor Tracking using Undirected Graphical Models	2015
12	ITAD12	Unlocking Smart Phone through Handwaving Biometrics	2015



13	ITAD13	Automatic Stress Detection in Working Environments from Smartphones' Accelerometer Data: A First Step	2015
14	ITAD14	A Destination and Mobility Path Prediction Scheme for Mobile Networks	2015
15	ITAD15	Smart Diary: A Smartphone-Based Framework for Sensing, Inferring, and Logging Users' Daily Life	2015
16	ITAD16	The Impact of API Change- and Fault-Proneness on the User Ratings of Android Apps	2015
17	ITAD17	Stabilizing CPU Frequency and Voltage for Temperature-Aware DVFS in Mobile Devices	2015
18	ITAD18	A Smart Phone-Based Pocket Fall Accident Detection, Positioning, and Rescue System	2015
19	ITAD19	A Software Based Sonar Ranging Sensor for Smart Phones	2015
20	ITAD20	Impact on student motivation by using a QR-based U-Learning Material Production System to create authentic learning experiences	2015



ANDROID - Embedded

TECHNOLOGY: EMBEDDED				
DOMAIN : ANDROID				
S.NO	PROJECT CODE	PROJECT TITLE	APPLICATIONS	YEAR
1.	ITANR01	Smart Diary: A Smartphone-Based Framework for Sensing, Inferring, and Logging Users' Daily Life	Ambient Intelligence	2015
2.	ITANR02	Smart PDR: Smartphone-Based Pedestrian Dead Reckoning for Indoor Localization	Smart monitoring	2015
3.	ITANR03	Android Security: A Survey of Issues, Malware Penetration and Defenses	Smart Surveillance	2015
4.	ITANR04	A Software Based Sonar Ranging Sensor for Smart Phones	Seashore monitoring	2015
5.	ITANR05	Wearable system for monitoring of oxygen Concentration in breath based On optical sensor	Bio-Gadget	2015
6.	ITANR06	Automated Health Alerts Using In-Home Sensor Data for Embedded Health Assessment	Bio-Gadget	2015
7.	ITANR07	Novel Sampling Algorithm for Human Mobility-Based Mobile Phone Sensing	Smart Phone	2015

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8.	ITANR08	Estimating Users' Home and Work Locations Leveraging Large-Scale Crowd-Sourced Smartphone Data	Ambient Intelligence	2015
9.	ITANR09	Estimation of Respiratory Rate from Photoplethysmographic Imaging Videos Compared to Pulse Oximeter	Bio-Gadget	2015
10.	ITANR10	Acquisition and Elaboration of Cardiac Signal in Android Smartphone Devices	Medical	2014
11.	ITANR11	A Novel Electric Vehicle for Smart Indoor Mobility	Automation	2014
12.	ITANR12	Unobtrusive Sensing and Wearable Devices For Health Informatics	Biometric Sensor	2014

Education Partners:



Technologies and Domain used:

IEEE 2014, Java, J2ee, Android, Dot net, PHP, Embedded, Vlsi, Matlab, VB, Net working, Data Mining, Image Processing, Cloud Computing, Mobile Computing, Multimedia, Network Security, Soft Engg, Grid Computing, Automation, Robotics, Communication, RF, Zigbee, Blue tooth, GSM/GPS/GPRS, Power Electronics & Systems, Electrical, DSP, RTOS, Bio metrics, etc.

Features

- Latest 2014 IEEE, Science Direct, ACM based project concept and solutions.
- State of the art infrastructure, Innovative Project training methods.
- All our efforts are focused on students to meet industry requirements.
- Our environment is encapsulated with doctorates, professionals and other experts.
- Excellent Placements through our **Spiro HR Management Consultants (SMC) Pvt Ltd.**

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