Job Title: Project Manager – R&D			
Business Unit:	Technology	**Domain:**	Embedded Systems - Product Development
Location:	Ahmedabad	**Band/Grade:**	B2
Department:		**Last updated on:**	04-Jan-2022
		Degree of Travel required to:	25%
Purpose of Job	New Position		

Key stakeholders	**External**		**Internal**	
	• Vendors • Service providers • Others		• Sr. Management • R&D Team • Other department head	

Reporting structure	**Role directly reports to**	**Positions that report into this role**
	Sr. G M Technology	Sr. Embedded Engr., Engineer, Test Engineer, Mechanical Design Engr., Support Engineer

Essential Qualifications	• Engineering in Electronics or EC or other discipline • Throughout experience in IT industry with demonstrable experience and evidence of success in existing role • Knowledge of Hardware design, Firmware design, PCB Design, Product packaging, Compliance to various standards, Quality Audit, Production • Knowledge of IoT, Wireless comm. interface and comm. Protocols
Age	• 30-35 Years

Essential Experience	• 10-12 years of exp. in Hardware and Firmware design and development and exp. in IoT domain • 8+ years of experience in hardware design and development - 8/16/32 bit microcontroller based hardware design, - Analog, Digital and Mixed signal design, Power supply design - Sensor selection, - Schematic and PCB design, - Mechanical packaging design, - Compliance to various standards - Rapid prototyping - Cost optimization • Nice to have High speed board design and RF design exp. • 10+ years of hands-on experience in Firmware design and development - Embedded C/C++ programming, Python - Raspberry Pi - RTOS, Linux, File systems, Quectel M66-OpenCPU experience nice to have - Wireless communication (Zigbee, Bluetooth, LoRA/LoRaWAN, GSM/GPRS, 3G/4G/NB-IoT), - MQTT, HTTPS communication - Experience in algorithm development - Various development tools • Around 5 years of Project Management experience • Experience of team handling • Willingness to work in social sector • Ability to build long term business relationships with vendors and suppliers
Competencies	• Project management • Team building and management • Ability to choose appropriate technology • Ability to communicate ideas, views, suggestions effectively and win trust of opposite person
Decision Making Control	• Team recruitment • Identification of suitable microcontroller/processor and architecting solution to meet the project need • • Identifying appropriate vendors for services needed
Values	
Knowledge	• Expertise – we strive for a deeper understanding of our domain • Innovation – we aspire to do things creatively.
Action	• Entrepreneurship – we are empowered to act decisively and create value • Integrity – we are consistent in our thoughts, speech and action
Care	• Trusteeship – we protect the interests of our customers, community, employees, partners and shareholders • Humility – we aspire to be the best, yet strive to be humble.

Impact	• Performance - We strive to achieve market leadership in scale and profitability, wherever we compete. • Resilience - We aspire to build businesses that anticipate, adapt and endure for generations.

Key Roles/Responsibilities:

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- Manage R&D projects ensuring project management process follow-up like Planning, Scope, Cost, Time and Quality management, monitoring and control, stakeholder management, resource management, risk management, procurement etc.
- Manage R&D team by working with them to plan and prioritize their workloads, set objectives, recruiting, identify and fulfill team's training need and coaching employees, communicating job expectations and appraising their performance
- Identify suitable technology and act in alignment with user needs and system functionality, Architect solution and help team during development and resolve issues and Review work products
- Manage day to day operations of R&D team ensuring that planning, end-user impact, change management, training, quality management are properly addressed and monitored to ensure that deadlines and budgets are within control
- Ensure ISO9001 processes are followed and handle internal/external audit
- Manage relationships with other departments, external agencies and suppliers, ensuring contracts and service levels are negotiated in line with strategic aims and financial constraints and ongoing service is in line with agreed contracts