

| EDT | NOMBRE TAREA | E.C.O. | E.C.M. | E.C.P. | Costo |
|--------------------|---|-----------------|-----------------|-----------------|-----------------|
| 1 | Implementación de un sistema de distribución automático con IoT para la | | | | |
| INICIO DE PROYECTO | | | | | |
| 1.1. | Planificación del Proyecto | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.1.1. | Acta de Constitución del Proyecto | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.1.2. | Matriz de Trazabilidad Requerimientos | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.1.3. | Listado de Stakeholders | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.1.4. | Cronograma | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.1.5. | Presupuesto | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| | Finalización de la Planificación del Proyecto | | | | |
| 1.2. | Desarrollo del Sistema | S/205.00 | S/231.39 | S/530.00 | S/322.13 |
| 1.2.1. | Simulación en 3D | S/50.00 | S/100.00 | S/200.00 | S/116.67 |
| 1.2.2. | Hardware | S/95.00 | S/131.39 | S/200.00 | S/142.13 |
| 1.2.2.1. | Módulos de Comunicación (Wi-Fi, Bluetooth) | S/45.00 | S/50.17 | S/80.00 | S/58.39 |
| 1.2.2.2. | Circuito IoT (sensores, actuadores, microcontroladores) | S/50.50 | S/81.22 | S/120.00 | S/83.91 |
| | Finalización del Desarrollo del Sistema | | | | |
| 1.2.3. | Software | S/60.00 | S/70.00 | S/130.00 | S/86.67 |
| 1.2.3.1. | Plataforma Móvil | S/10.00 | S/20.00 | S/50.00 | S/26.67 |
| 1.2.3.1.1. | Módulo de conteo e identificación de comportamiento | S/20.00 | S/20.00 | S/50.00 | S/30.00 |
| 1.2.3.1.2. | Módulo de Notificaciones | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.2.3.2. | Pruebas del prototipo | S/50.00 | S/50.00 | S/80.00 | S/60.00 |
| | Finalización del Desarrollo del Sistema | | | | |
| 1.3. | Documentación Técnica | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.3.1. | Manual de la plataforma | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.3.2. | Documentación de Soporte | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| | Finalización del Software | | | | |
| 1.4. | Implementación y Pruebas | S/155.00 | S/250.00 | S/370.00 | S/258.33 |
| 1.4.1. | Instalación | S/55.00 | S/100.00 | S/170.00 | S/108.33 |
| 1.4.2. | Validación inicial | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.4.3. | Métricas de rendimiento | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.4.4. | Capacitación del Personal | S/100.00 | S/150.00 | S/200.00 | S/150.00 |
| 1.4.5. | Validación final | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| | Finalización de la Implementación y Pruebas | | | | |
| 1.5. | Monitoreo y Control | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.5.1. | Métricas de parámetros | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.5.2. | Módulo de toma de decisiones | S/0.00 | S/0.00 | S/0.00 | S/0.00 |
| 1.5.3. | Reportes y Alertas | S/0.00 | S/0.00 | S/0.00 | S/0.00 |