Change Request Document PO\_SB\_ES\_01

# **Change basic info:-**

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| **Request Name/Title** | **Add new features and key element in the CR document** | |
| **Requester Name** | **Role** | **Name** |
| **Team leader** | **Mohamed Mostafa** |
| **Team Member** | **Mohamed Mostafa**  **Abdallah Mohamed** |
| **Request Date (dd/mm/yy)** | **(5/12/2022)** | |

# **Change status:-**

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| Change status | **In Review** | **Approved** | **Rejected** |
| Approval Date | **Not started** | **--** | **--** |
| Approval By | **Not chosen** | **--** | **--** |

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# **Change details:-**

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| **Change Request Information** | |
| **Add\_CR\_Requirement\_001** | |
| **Description** | Add new features and key elements |
| **Details of change** | * Remove a feature “The device uses real time OS” * Add a feature “ECU will communicate with the mobile application via Bluetooth “. * Add key element “The ECU shall enable/disable power saving mode”. * Add key element” ECU shall communicate with mobile app through BLE (Bluetooth Low Energy)‏.” * Add key element “ECU shall send the detected bump information to the mobile app via Bluetooth”. * Add key element “ECU shall notify the mobile app with battery issues (under/over voltage range)‏”. * Add key element “ECU shall notify the mobile app when the ECU is over/under normal heat level”. |
| **Reason for change** | Needed to improve ECU protection and maintenance |
| **Impact of change** | Making ECU work efficiently. |
| **Approval Date required** | (7/12/2022) |