| Requirement_ID | Type | Object text | Status | Task _ID | Review_ID | Remarks |
|---|---|---|---|---|---|---|
| IL_ID1 | Heading | Access request with key (CAN message Input) | Praposed | IL_NVJA | | |
| IL_ID2 | Definition | To accessing the key from user. | Praposed | IL_NVJA | | |
| IL_ID3 | Comment | CANCON and CANSTAT Registers to setting CAN bus to Normal mode.,Key_ID,Data registers,Timer,Led | Praposed | IL_NVJA | | |
| IL_ID4 | Requirement | Consider access request key as a Can message ID. | Praposed | IL_NVJA | | |
| IL_ID5 | | then ECU will receive key ID(CAN message), after that it will compare with initial key ID or received key ID. | Praposed | IL_NVJA | | |
| IL_ID6 | | then it will check it is Authorised key or not if it not matches lamp will blink for 1 second then. | Praposed | IL_NVJA | | |
| IL_ID7 | | if key matches lamp will blink for 3 seconds. | Praposed | IL_NVJA | | |
| IL_ID8 | | also as output indication if key matches the buzzer will beep for 3 times. | Praposed | IL_NVJA | | |
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| IL_ID5 | Heading | Identify Unauthorised key | Praposed | IL_NVJA | | |
| IL_ID6 | Definition | Checking authorised key or not. | Praposed | IL_NVJA | | |
| IL_ID7 | Comment | CANCON Registers,Key_ID,Data registers,Timer,buzzer | Praposed | IL_NVJA | | |
| IL_ID8 | Requirement | If unauthorised key trying to access then it will warns | Praposed | IL_NVJA | | |
| IL_ID9 | | If unauthorised key trying to access 1st attempt buzzer will beep for 3 times. | Praposed | IL_NVJA | | |
| IL_ID10 | | If unauthorised key trying to access 2nd time it will beep for 6 times | Praposed | IL_NVJA | | |
| IL_ID11 | | If unauthorised key trying to access 3rd attempt it will beep continuous | Praposed | IL_NVJA | | |
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| IL_ID9 | Heading | Door Status (Hardware Input) | Praposed | IL_NVJA | | |
| IL_ID10 | Definition | It will check the door locked and unlocked process on that bases lamp will ON and OFF | Praposed | IL_NVJA | | |
| IL_ID11 | Comment | Switch1,Switch2,Lamp,Buzzer,Timer. | Praposed | IL_NVJA | | |
| IL_ID12 | Requirement | At the same time it will check door status (hardware input). | Praposed | IL_NVJA | | |
| IL_ID13 | | if input key ID matches then it will check door locked or not if not matches door status will fail and it will not work. | Praposed | IL_NVJA | | |
| IL_ID14 | | if key matches after that also it will check door status If door is Unlocked then buzzer will give single beep and warning lamp will ON for 3 seconds then it will off. | Praposed | IL_NVJA | | |
| IL_ID15 | | In the same way if door is locked then warning lamps will ON and OFF for 1 sec for 3 times. | Praposed | IL_NVJA | | |
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| IL_ID13 | Heading | Storing Data | Praposed | IL_NVJA | | |
| IL_ID14 | Definition | Storing the data in memory. | Praposed | IL_NVJA | | |
| IL_ID15 | Comment | We have using external memory for storing data.,(EEPROM) | Praposed | IL_NVJA | | |
| IL_ID16 | Requirement | Storing the transmitte data and receive data in memory. | Praposed | IL_NVJA | | |
| IL_ID17 | | store key satus data | | IL_NVJA | | |
| IL_ID18 | | door status data. | | IL_NVJA | | |