# SW Requirements Review Document

## Summary

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| --- | --- |
| **Date** | 15/08/21 |
| **Effort** | 1:25 h |
| **Room/Location** | Mexico |
| **Review Status** | Open |
| **Review name** | Act2.1\_MaresMejia\_MarcoAntonio.docx |
| **Method** | DC, II |
| **Release** | 16/08/21 |
| **Responsible** | Vicente Guerrero Marentes |
| **Project** | Door Control Module |
| **Reason of Review** | Requirements review for feedback and improvement. |

## Comment List

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| --- | --- | --- | --- | --- | --- |
| **No.** | **Reference** | **Comments / Actions** | **Classification (E)rror/Risk / (R)emark** | **Responsible person/Planned date for completion** | **Completion(Name/Date)** |
| 1 | ID 4 | This requirement can be better described by replacing it with the sentence “The system shall have Door Locking, Window Control and HW Diagnosis as main functionalities”. | Remark | Vicente Guerrero | 15/08/21 |
| 2 | ID 11, 13, 19 – 22, 38 – 40, 50, 60, 69, 78, 86,87, 94-100, 117 – 136, 141, 143 – 148, 153 – 155, 157-162, 166- 169, 173-178, 180, 182, 186, 187 | In this requirements passive voice is used for the description. It is highly recomendable to use active voice and specify the one that does the action. | Remark | Vicente Guerrero | 15/08/21 |
| 3 | ID 42, 44, 46, 48, 50, 51 | It is posible that referencing requirements using “REQ” prefix could be confused with the concept of “Request”. I truly recommend to change this prefix and add it to every requirement ID. This will avoid confusions. | Risk | Vicente Guerrero | 15/08/21 |
| 4 | ID 149 – 152 | It is necessary speficy the one that performs the action and use of subject “it”could be confusing. | Risk | Vicente Guerrero | 15/08/21 |
| 5 | ID 172 | Thes requirement needs more context in order to be defined. | Risk | Vicente Guerrero | 15/08/21 |
| 6 |  |  |  |  |  |
| … |  |  |  |  |  |

## Check List

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| --- | --- | --- | --- | --- | --- |
| No | Description | OK / NOK / NR | Comment | Responsible person /  Planned date for completion | Status |
| 1 | Have all identified stakeholders been considered? Have all identified sources of requirements been considered (e.g. list of used documents/inputs)? | NR | Only Supplier is mentioned. There is only one stakeholders Document. | Vicente Guerrero | In progress |
| 2 | Can the stakeholder requirements be considered as “mature enough” to perform this review (requirements are no more in a “draft” status)? | OK |  | Vicente Guerrero | Complete |
| 3 | Is the behaviour on all major events described (check within your project for the relevant major events)? | OK |  | Vicente Guerrero | Complete |
| 4 | Are implementation requirements described (e.g. EEPROM calibrations, flash calibration, tuning variables)? | OK |  | Vicente Guerrero | Complete |
| 5 | Can the feature be configured? If yes: Is it described how this is done? | OK |  | Vicente Guerrero | Complete |
| 6 | Are the resolution/max min values/default value of data determined? Are the resolution/max min values checked against supplier recommended values if available?  Are the tolerances of data determined (e.g. all timer-values have a tolerance of +/-10%)? | OK |  | Vicente Guerrero | Complete |
| 7 | Are all debounce times (e.g. inputs, failure conditions …) determined? | OK |  | Vicente Guerrero | Complete |
| 8 | Is behaviour on power modes, resets, priority taken into account? | OK |  | Vicente Guerrero | Complete |
| 9 | Has the functional analysis been performed?  - Is it clearly defined what has to be realized in SW / EE / ME? | NR | Requirements are still being checked. | Vicente Guerrero | In progress |
| 10 | Are all stakeholder requirements completely derived in system requirements? | NOK | Appendix CAN Data Base of the Stakeholders document is not considered in requirements matrix. | Vicente Guerrero | In progress |
| 11 | Are all product variants considered for all requirements?  (Yes -> OK) | NOK | HW variant is not considered | Vicente Guerrero | In progress |
| 12 | Is specification up to date according to closed items from “open item list”? Or is the proceeding for these open items defined? | NR | Not defined in Stakeholders document | Vicente Guerrero | In progress |