# SW Requirements Review Document

## Summary

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| --- | --- |
| **Date** | 15/08/2021 |
| **Effort** | 2 Hours |
| **Room/Location** | Virtual |
| **Review Status** | Open |
| **Review name** | SWR\_Traceability Matrix MAGD.docx |
| **Method** | WT |
| **Release** | 1.0 |
| **Responsible** | Marco Antonio Mares Mejía |
| **Project** | Door Control Module |
| **Reason of Review** | Initial Release |

## 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 | Project Documentation Information | The traceability matrix doesn’t have any information of the project or the reviewer. / Fill the corresponding cells. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 2 | Requirements redaction | The majority of the requirements are wrong redacted / Rewrite the requirements using the recommended redaction rules. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 3 | Review Comment section | There isn’t any comment regarding the requirements / Put comments in the requirements, specially those with unmarked properties. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 4 | Requirement type section | This section shall only have Functional or Non-Functional / Correct the corresponding cells. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 5 | Reference type requirements | The requirements with the type defined as “reference” act as a title for the requirements Section, this is not allowed. / Delete those requirements. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 6 | Missing Sections | The HW Diagnosis, System Variants and CAN Database sections are missing. / Complete the document adding the missing Sections. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 7 | Concise Property | Several requirements are not concise, meaning that they can be split into smaller objects. / Check again the requirements focusing on the concise property, and correct those requirements that can be split. | E | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 8 | Check Orthography | The document has some orthography errors. / Correct the orthography errors. | R | Marco Antonio Granados Delgado / 17/08/2021 |  |
| 9 | Document Formatting | The matrix has several formatting errors, e. g. Cells’ color and alignment. / Format the matrix to make a consistent and good-looking document. | R | Marco Antonio Granados Delgado / 17/08/2021 |  |

## 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)? | NOK | All the stakeholders are considered, but no reference file is mentioned. | Marco Antonio Granados Delgado / 17/08/2021 | Open |
| 2 | Can the stakeholder requirements be considered as “mature enough” to perform this review (requirements are no more in a “draft” status)? | OK | The stakeholder requirements have been revised several times. |  | Close |
| 3 | Is the behaviour on all major events described (check within your project for the relevant major events)? | NOK | As mentioned in the comment No. 6, there are missing sections. | Marco Antonio Granados Delgado / 17/08/2021 | Open |
| 4 | Are implementation requirements described (e.g. EEPROM calibrations, flash calibration, tuning variables)? | NR | No implementation requirements are described in the stakeholder requirements. |  | Close |
| 5 | Can the feature be configured? If yes: Is it described how this is done? | OK | The document properly describes how to configure the features. |  | Close |
| 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 | No tolerances are specified in the stakeholder requirements. |  | Close |
| 7 | Are all debounce times (e.g. inputs, failure conditions …) determined? | OK | All debounce times are determined. |  | Close |
| 8 | Is behaviour on power modes, resets, priority taken into account? | OK | All system modes are taken into account. |  | Close |
| 9 | Has the functional analysis been performed?  - Is it clearly defined what has to be realized in SW / EE / ME? | OK | The matrix only defines SW requirements. |  | Close |
| 10 | Are all stakeholder requirements completely derived in system requirements? | NOK | There are missing sections of requirements. | Marco Antonio Granados Delgado / 17/08/2021 | Open |
| 11 | Are all product variants considered for all requirements?  (Yes -> OK) | NOK | None of the variants are described in the requirements. | Marco Antonio Granados Delgado / 17/08/2021 | Open |
| 12 | Is specification up to date according to closed items from “open item list”? Or is the proceeding for these open items defined? | OK | All the open items are described and updated. |  | Open |