**TCODE – GENERAL CONVENTION**

T-code principles:

* Action specific to extend the module = Module (XXX - YYYYY) + Action (00-99)
* Modular based T-code for [Separation of Concerns] 🡪 Testability, Maintainability
* Component based by Angular 2 🡪 Scalability and Reusability (Grouping for new solution, system), Reusability (Drilling down functionality and Go to anywhere approach), and DRY
* Performance relied on Route Lazily Loading
* UI/UX simplicity and consistency 🡪 User friendly and intuitively self-understood, limited training necessity
* Business concerns relied on Role Based Management
* Control efficiency and effectiveness focus 🡪 Embedment of control, especially:
  + Design Efficiency:
    - Control linked business objects/ entities (Roles/responsibilities 🡪 SOPs 🡪 Controls 🡪 Processes),
    - Fit and proper control concepts,
    - Different layer of control concept (in process control [validation/ approval by DOA], out process control [monitoring/ auditing])
  + Implement Effectiveness:
    - SOD,
    - Pre-activity (preventative) / post-activity (detection) controlling concept,
    - 360 degree reporting on an object, entity

**CRUD T-CODE FORM AND NAVIGATION ANALYSIS**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **INDIVIDUAL** | | | | | | | | | |
| **CRUD T-code** | **module11** | **module12** | **module13** | **module14** | **module15** | **module16** | **module17** | **module18** | **module19** |
| **Action** | Create | Read | Update | Disable | Enable | Mark | Unmark | Delete | View changes |
| **Form 1 (\*)** | tcodeForm | leadForm | leadForm | leadForm | leadForm | leadForm | leadForm | leadForm | leadForm |
| **Form 2 (\*\*)** |  | tcodeForm | tcodeForm |  |  |  |  |  | tcodeForm |
| **Save** | Y |  | Y |  |  |  |  |  |  |
| **Confirm** |  |  |  | Y | Y | Y | Y | Y |  |
| **MsgBox** | Y |  | Y | Y | Y | Y | Y | Y |  |
| **T-code Nav** | Y | Y | Y |  |  |  |  |  | Y |

(\*) tcode = /module/tcode

(\*\*) tcode/i d= /module/tcode/id

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **T-code Nav** | **01** | **02** | **03** | **04** | **05** | **06** | **07** | **08** | **09** | **Save** | **Notes** |
| **module01** |  |  |  |  |  |  |  |  |  | Y | Create new Object, Document only SAVE |
| **module02** | Y |  | Y | Y | Y | Y | Y | Y | Y |  | Read an Object, Document could extend to other actions |
| **module03** | Y | Y |  | Y | Y | Y | Y | Y | Y | Y | Update an Object, Document could extend to other actions but SAVE |
| **module09** | Y | Y | Y | Y | Y | Y | Y | Y |  |  | View changes could extend to other actions |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **COLLECTIVE** | | | | | | | | | |
| **CRUD T-code** | **module21** | **module22** | **module23** | **module24** | **module25** | **module26** | **module27** | **module28** | **module29** |
| **Action** | Upload | Download | Upsert | Inactivate | Activate | Mark | Unmark | Clean | History |
| **Form** | uploadForm |  | uploadForm | uploadForm | uploadForm | uploadForm | uploadForm | uploadForm |  |
| **Confirm** | Y |  | Y | Y | Y | Y | Y | Y |  |
| **MsgBox** | Y |  | Y | Y | Y | Y | Y | Y |  |