***GK-SBS APPROACH ANALYSIS***

* *GK-SBS Approach*
  + *LEAN adoption*
  + *Focus on Core activities that create value*
  + *Inexperienced users driven design: Simplicity and minimalist*
  + *Good enough rather than perfect*
  + *No customization*
  + *DRY: Don’t Repeat Yourself*
  + *SoC: Separation of Concerns*
  + *Reusability for Testability*
  + *Highly decoupled modular*

***GK-SBS VIEW***

**APPLICATION VIEW**

***T-Code field***

*LOGO*

**SIDEBAR**

* **Menu group**

*Menu item*

*Menu item*

* **Menu group**

*Menu item*

*Menu item*

*Page Breadcrumb*

***Detail***

***Master***

*Router Outlet*

* *Page routing*
* *Page component*
* *Page animation*

*Footer*

**MASTER (GENERAL) VIEW**

***Customize View***

***Data Fields***

*Customize parameters to determine what data fields are GET (Solution, Ref#, Description, Status, Amount, PIC, Creation date)*

*Customize parameters to determine what data is GET (Year, solution, #record, status)*

***DOCUMENT VIEW***

*History*

*Header*

*Content*

*Details*

*Master*

*Form in page for each item of details*

*Documentation*

*Approval*

*Comment*

***MASTER (GENERAL) VIEW 🡨🡪 ANIMATION 🡨🡪 DETAIL VIEW***

***Animation***

* *Background*
* *Transition*
* *Component’s element status*

***Master***

***Detail***

***Implicit execution***

**Customize**

***VD12***

**Bulk Action**

***VD06***

***History Form***

***VD16***

***VD04***

***VD05***

***Confirmation?***

**+ Add new**

***Form (Master/Detail)***

* ***VD01 – Create***
* ***VD02 – Read***
* ***VD03 – Update***

***VD01***

***VD02***

***VD03***

***Upload form***

***Upload result***

***VD11, VD13, VD14, VD15***

***MENU BAR***

* **Group**
  + *Company*
  + *Category*
  + *Request*
  + *ERP (CRUD-RT)*
  + *Reporting & Dashboard*
  + *Master and Dimension Data*
* **Sub-group: What strategy should be selected for grouping and sorting**
  + *Sorting:* 
    - *Solution index Predefined index go end to end of process*
    - *~~Alphabet Title of solution~~*
  + *Grouping:* 
    - *Module [FI, CO, SD, WM, MM, PP, HR…] - Relevancy*
    - *~~No sub-group~~*
    - *~~Process [GPS] – End to end |As solution index already go end to end by process - Duplicate~~*
    - *~~Organization [Function (Quite similar to module), Department (Change & vary]~~*
* **Item:** 
  + *Naming convention: Sort, Simple, Easy to understand*
  + *Menu item support ‘implicit’ execution but the approach for ‘explicit’ execution is also similar via T-Code*
    - *Implicit execution: /t-code*
      * *For non-menu item scenario, implicit execution might be: /t-code/:parameter; parameters*
    - *Explicit execution: /t-code*

**COMPANY**

*Bulletin Board*

*Geode+*

*Contact (Who is who - Org Chart)*

**CATEGORY**

***My Approval***

*Inbox*

*Outbox*

***My Requests***

*Draft*

*In progress*

*Be documented*

*Finished*

***My Office***

*Calendar*

*Tasks/ Objectives*

*Payslip*

**REQUEST**

*Company*

*Memo Publish*

*Document Approval*

*S&G*

*Project Approval*

*Task/ Objective*

*Internal Delegation*

*External Representation*

*R2D*

*M2P*

*Monitored Activities*

*Sample*

*Public Affair*

*Event*

*Interaction*

*P2P*

*Vendor Management*

*Purchase*

*P2M*

*Production Order*

*Item Delivery*

*Item Receipt*

*Item Transfer*

*Asset Maintenance*

*D2C*

*Sales Order*

*Order Release*

*MHC*

*Recruitment*

*Leave*

*Training*

*Resignation*

*MLG*

*Contract Approval*

*MFI*

*Cash Advance*

*Payment*

*Budget*

*Business Travel*

*Expense Report*

*MJEs*

*MIS*

*System Access & Role*

*Change*

*Incident*

*Service*

*INS*

*Record Type Registration*

*Event Registration*

*OTH*

*Out Letter Number*

**MASTER DATA**

*Company*

*S&G*

*R&D*

*M2P*

*Distribution*

*Branch*

*Channel*

*Brand*

*P2P*

*Vendor Group*

*Vendor*

*P2M*

*Inventory Group*

*Inventory*

*SKU*

*D2C*

*Customer Group*

*Customer*

*MHC*

*Organization (BUs, GSFs, Departments)*

*Job Catalogue*

*Employee Group*

*Employee*

*MLG*

*Legal Entity*

*MFI*

*Management Center Group*

*Management Center*

*Profit Center Group*

*Profit Center*

*Cost Center Group*

*Cost Center*

*Internal Order Group*

*Internal Order*

*Cost Element Group*

*Cost Element*

*Reporting Line Group*

*Reporting Line*

*GL Group*

*GL*

*Fixed Asset Group*

*Fixed Asset*

*Tax Group*

*Tax*

*Tax Rate*

*Cash & Bank*

*Cash & Bank Account*

*Bank Group*

*Bank*

*MIS*

*Solution Management*

*Transaction Management*

*Role Management*

*INS*

Record Type Management

**DIMENSION**

*DOA*

*Internal Approval*

*Finance Validation*

*CFO Validation*

**TRANSACTION (CRUD-RT)**

*Company*

*Memo*

*Document (Geode+)*

*S&G*

*HEAT-Hotline Event Activity Tracking*

*Declaration Campaign*

*Tasks/ Objectives*

*Internal Delegation*

*External Representation*

*Segregation of Duties Control*

*Enterprise Risk Management*

*R2D*

*M2P*

*P2P*

*e-Sourcing*

*e-Comply*

*Budget Check*

*Purchase Order*

*Goods (Services) Receipt Note*

*Invoice Receipt*

*Vendor Discount Monitoring*

*P2M*

*Bill of Materials*

*Bill of Routing*

*D2C*

*Tender Management*

*Packing List*

*Picking List*

*Delivery Notes*

*Credit & Payment Control*

*Account Receivable Management*

*MHC*

*On board checklist*

*Employee Profile*

*Pay Slip campaign*

*Development Checklist*

*HR Litigation Tracking*

*Disciplinary Tracking*

*MLG*

*Contract Template Versioning*

*Legal Litigation*

*Intellectual Property*

*MFI*

*TM1 – Plan, Budget, Variance, Report*

*Fixed Asset Management*

*Tax declaration & audit*

**REPORTING & DASHBOARD**

*M2P*

*Channel (Sales-P&L-A&P)*

*Public Affair Spending*

*Interaction Statistics (#, Value)*

*Sales Activities (CRM, SMS, BAS)*

*Sales Force (Allocation, Incentives…)*

*P2P*

*Spending*

*Vendor Discount Monitoring*

*Buyer Performance Monitoring*

*Account Payable*

*P2M*

S&OP

Material Management

Quality Control

*D2C*

Commercial Policies

*MHC*

*Employee*

*Talent*

*C&B*

*Training*

*MLG*

*Litigation Tracking & Reporting*

*Intellectual Property Tracking*

*MFI*

*Plan, Budget, Actual Variance Report*

*Fixed Asset*

*Tax*

*Financial Internal Reports*

*Financial External Reports*

*MIS*

*Incident Management*

*Change Request Management*

*Service Management*

*Asset, Services, License Management*

*INS*

*Insurance Management*

*Record Management + Info Classifiy*

*People Security*

*Physical Building Security / Events*

***WORKFLOW***

* *Workflow is applicable for any Transaction data that* 
  + *Move along from step* ***‘Start’*** *to step* ***‘Finish’***
  + *Change status at particular step*
  + *Involve multiple stakeholders and their decisions*
  + *Interface with different system, module*
* *Workflow is enabling via:*
  + *T-Code: To determine what application is lazy called*
  + *Document: To determine what document is processed and what action is available upon document status*
  + *User: To determine the role of user then applicable action*
* *Workflow essential functions include:*
  + *Standard routing strategy and status*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Initiation*** | ***Pre-activity*** | ***Execution*** | ***Post-activity*** | ***Finished*** |
| *Draft* |  |  |  |  |
|  | *Pending Submit* |  | *Waiting Submit* |  |
|  | *In progress* |  | *-- Checking* |  |
|  | *Pending Withdraw* |  |  |  |
|  | *Pending Cancel* |  |  |  |
|  |  |  |  | *Cancelled* |
|  |  |  |  | *Rejected* |
|  |  | *Closed* |  |  |
|  |  | *Approved* |  |  |
|  |  |  | *Waiting Abort* |  |
|  |  |  | *Request for Abort* |  |
|  |  |  |  | *Aborted* |
|  |  |  | *Waiting Submit* |  |
|  |  |  | *Checking* |  |
|  |  |  |  | *Declined* |
|  |  |  | *Waiting Withdraw* |  |
|  |  |  |  | *Completed* |
|  |  |  |  | *Posted* |

* + *Standard document structure*
    - *Header*
    - *Content*
      * *Financial Data*
      * *Operational Data*
      * *Document*
      * *Approver*
      * *Comment*
      * *History*
  + *Standard and dynamic functionalities*
    - *Sender support and requestor control enabling*
    - *Mandatory and optional approver list enabling*
    - *Delegation before and in process enabling*
    - *Rerouting enabling*

***CRUD-RT FOR MASTER DATA - DIMENSION DATA – NON WORKFLOW TRANSACTION DATA***

* *CRUD-RT approach is applicable for*
  + *Master Data*
  + *Dimension Data*
  + *Non workflow Transaction Data*
* *CRUD-RT supports ‘Implicit’ and ‘Explicit’ execution*
  + *Implicit execution: Mouse driven link, i.e.: VD or VD12*
  + *Explicit execution: Keyboard driven input, i.e.: T-Code execution field*
* *CRUD-RT request will return* 
  + *Success and execute*
  + *Error and Page not found or Access denied*

|  |  |  |
| --- | --- | --- |
| ***CRUD-RT Summary*** | ***VD***  *Just only a container to gather all privileges on a particular object* | |
|  | ***0-Individual*** | ***1-Collective*** |
| ***1–Create*** | ***VD01***   * *Detail form, create* | ***VD11***   * *File upload form, create* * *Upload result form* |
| ***2–Read*** | ***VD02***   * *ID input form* * *Detail form, read* | ***VD12***   * *Field selection form* * *List form, considering actions:*    + *VD01 – Create individual*   + *VD03 – Update individual*   + *VD04 – Disable / Mark individual*   + *VD05 – Revert individual*   + *VD06 – Track change* |
| ***3–Update*** | ***VD03***   * *ID input form, update* * *Detail form, update* | ***VD13***   * *File upload form, update* * *Upload result form* |
| ***4–Disable/***  ***Mark for deletion*** | ***VD04***   * *ID input form, disable* | ***VD14***   * *File upload form, disable/ mark* * *Upload result form* |
| ***5–Revert*** | ***VD05***   * *ID input form, revert* | ***VD15***   * *File upload form, revert* * *Upload result form* |
| ***6–Track change*** | ***VD06***   * *ID input form, track* * *List form (Individual)* | ***VD16***   * *List form (Collective)* |
| ***7–…*** |  |  |
| ***8–…*** |  |  |
| ***9–…*** |  |  |

***Notes:***

* *Code x7, x8 and x9 reserve for other standard transaction in the future*
* *For other non-standard transaction, use x…*

***CRUD-RT Approach Analysis***

**Customize**

***VD12***

**Bulk Action**

***VD06***

***History Form***

***VD16***

***VD04***

***VD05***

***Confirmation?***

**+ Add new**

***Form (Master/Detail)***

* ***VD01 – Create***
* ***VD02 – Read***
* ***VD03 – Update***

***VD01***

***VD02***

***VD03***

***Upload form***

***Upload result***

***VD11, VD13, VD14, VD15***

* *Implicit execution*
* *Explicit execution*

*T-Code field*

***ID form***

***Form (Master/Detail)***

* ***VD01 – Create***
* ***VD02 – Read***
* ***VD03 – Update***

***Confirmation (VD04, VD05)***

***History change (VD06)***

***List Form (VD12)***

***Upload Form***

***Upload Result***

***VD11, VD13, VD14, VD15***