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Business Analyst
  Sunday, April 13, 2025
                              2:17 PM
                    Requirements Analysis
                      Shert regrens
  Advantages
                                             coding El
  -> Bosic model
  -> simple el energy
  -> Small projects
                                                         System Teaturg
                                                                            1 60% efforts
  Disadvantages
                  added in
                                                          Integration
                                                                     Mountainence
                → No barafferm
                                 (Iteratue
  -> No experiment -> High suck
                                                                                Retirement / Phoise down
                                    waterfall model)
  →60% efforts in maintainence
                                             (metric)
                                   Velocity > performance of team in
2 Agile Mothodology (Mous quickly)
                                                        time grame
                 small chunks -> release -> fredback -> enhance
                 (Iterations)
                                               Re Release
                                       Disadvantages
           1 frequent delivery
           2) face to face communication
                                      (E) Less documentation
                                      2 pointainence problem
                weth client
           3 changes 1
           4) Time J
                                     time round activities
                                                             > sprint planning
     -> light weight, iterative & incremental framework
                                                               daily scrum
                                                               sprent revenue
      -> Sprint (2 week -> 1 month)
     > backleg, duly scrum, product auner, serum master
                                                              sprint retrospeture
                                    لمشله حا
                                                        print Burndown Chart
                                                      after sprint, work left
       Business Requirement Document (BRD)
                                                          # days
         -> customer leverness analyst
        Ingh level business requirements
       3 stake holder requirements
       -> high devel business goals
       Softward Requirement Specification (SRS) 7
 2
        Product Regunament Document (PRD)
         Bystem Requirement Document (SRD)
       > leusiners analyst/ system analyst
        bellietels = satranger lancitannel man B lancitannel &
       -> project team
                               -> modules
           Requirements of systems
 (3) functional Requirement Document (FRD)
    Product Spicifications Document (PSD) [planning stage]
     > system analyst & business analysts
       data et developers > filled of modules
     → granular detaila
 1 Process Design -> design El redesign business problem
                       accessing the project's violety
                        Unified Modelling Language
                          morbin son son
                            wageous early
                             sequence diagram
                             activity diagram
                            state
                                   machine diagram
                            ideplayment diagram
     INVES.
                            RFI - heavest for information
                            RFQ -> Request for anotation
     I rdependent
                                 -> Request you proposal
       egotialele
                    user stanus
       dualile
       stimable
                                   Roturn an Investment
        mall
                            BPMN -> Businers process Model El Notation
       estable
  CRUD - aperations son data [ Create Read update Delete]
 COTS - Commercial Off-The-Shell productes

Le ready made software/hardware productes
      SAP-ERP - can be purchased for business needs
  WBS (wark Breakdown Structure)
     Los break down the project into smaller of more manageable tack
   JAD (Joint Application Devolopment)
     La meetinge et workshops with BAs, stakeholders, duelopers.
   SIPOC - Suppliers Inputs Process Outputs Customer
     RACI matrix (Responsibility Assignment Matrix)
       R exponsible -> orders the work to complete the task

A ccountable -> delegates the task and reviews it at the end
       Consulted -> provides inputa
      Informed > need to be informed et kept in loop
                    Responsible
                                           Accountable
                                        1) Repult oriented
             Detroited stant (1)
                                        3 Approves Elseport
                                                                                        RAC EL I
             2 execution
                                        3 can only be one.
             3 can be shared el
                 jument est banqueals
 RTM (Requirement Traceablity Matrix)
   > each requirement can be very sed, validated and tested
  Stakeholder Matrix *
                                                                                                      Koop cativing
                                                                                      High Influence
                                                                                                                     Manage
   mat stakeholders du a project based son their impact El influence on the
                                                                                                                      clasely
   Project.
    -> helps you with identifying rall key stakeholdera
                                                                                                        Natural
                                                                                                                     Keep Inforend
                                                                                      Low Influence
     - helps you with prioritizing your engagement effortse
                                                                                                                       High Interest
                                                                                                        Low Interest
   > tailoring your communication approaches become easier
> helps you in designing appropriate engagement stratiques
        Requirement Elicitation Techniques
                                                                  (II) JAD
                                                   (7) Ilsucasus
                       4 Juneaux and question name
       Interveus
                                                   (8) Prototyping (12) Contextual Enquiry
                       6 Olysenstians
   @ Workshops
                                                   (13) Pata Gathering
       Document Analysis (3) Brain stanming
                                                       Storyboards
          Requirement Brionitization Techniques
                                                                   1 Importance v/s Magency matrix
                                   4 Coat of Delay Method
       1 Mascaw method
                                      Value v/s complexity matrix (8) Analytic Herrarchy process
       @ KAND model
                                  6 Ranking
       3 User Story Mopping
          Importance v/s userncy matur
                                                   Not Urgent
                                   Urgent
                                 high priority
                                                   critical for long term
                Important
                                  careful
                                                    non essential
                                      evaluation
             Not Important
        Mos Cow method
         M > must have (mandatory /critical)

S > should have (unportant but not critical)
           C > could have (good to have, leut OK if don't)
           won't have (meth --)
                             (Normali KANO)
           KANO model
                   Dasic (Expected)
                  D'leyformance (Satisfiera)
                  3 Excitement (Delighters)
                              Methodologila
      Praceso gaps
                                 Process Mapping
       functional gays
                                > SWOT analysis
       Data gaps
                              > Benchmarking
        knowledge gaps
                                 Customer feedbac
      Skills gayes
      Stakeholder gaps
                                 Performance Metric Analysia
      Performance gaps
                                   anality Assessmen
      Compliance gaps
                                   Technology analysis
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