DW BI - Unit 6
Designing and Developing → BI Applications

Contents in Unit 6

(1) Lifecycle Timing
BI Application Resource Planning
-ll- Specification

(2) 5 Major Activities in BI apps specification
(i) Create → application standards &
application templates
(ii) Determine → Intial Application set
(iii) Develop → Detailed -ll- specification
(iv) Design → Navigation framework & portal
(v) Review and Validate → Applications & Model

(3) Create appli. standards & templates
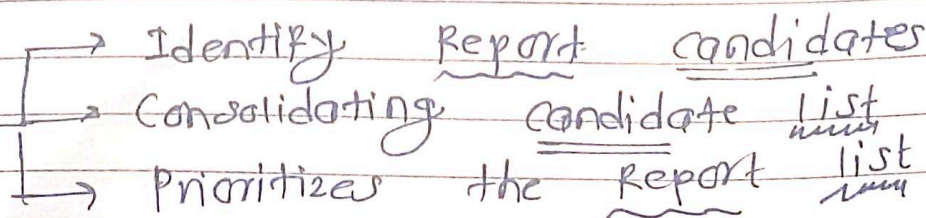(i) Determine Naming standards
(ii) Create application Templates

(4) Standards elements needed in BI report/Application
(i) Report Name   (iv) layout of data
(ii) -ll- Title   (v) Heading format
(iii) -ll- Body   (vi) Background colors

(5) Determine the intial application set
A small set of high value reports is created
that provide a range of report types.
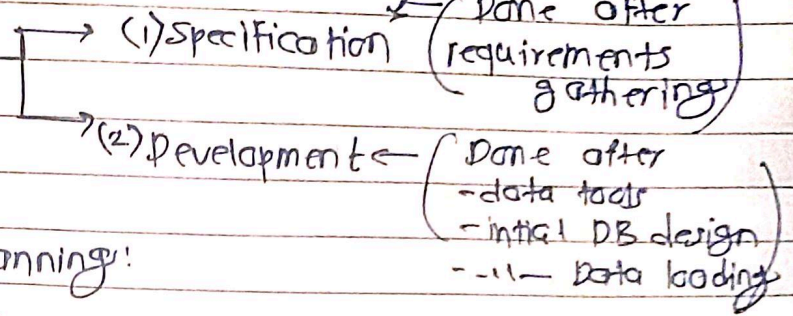10 or 15 reports are enough to start with
some organisations.

process of
generating
target list
have 3 tasks

→ Identify Report candidates
→ Consolidating candidate List
→ Prioritizes the Report list

(1-1) Lifecycle Timing

BI application process → (1)Specification ← (Done after requirements gathering)
is 2 stage -ll-

→ (2)Development ← (Done after
  - data tools
  - intial DB design
  - -ll- Data loading)

(1-2) BI appli. Resource Planning:

(i) Role of BI Developer

└→ Develop BI applications
└→ provide solutions

(ii) ~~Hho~~ Who does the BI applications Job?

└→ central group of BI Developers

(1-3) BI appli. specification

└→ Refer point (2)

(5-1) Identify Report candidates

(i) It requires involvement of core business users who are familiar with intial business process

(ii) use a spredsheet

(5-2) Consolidating candidate list

(i) Identify those reports from list that are essentially different versions of same report.

(ii) categorize according to items in spreadsheet

(5-3) Prioritize Report list

(i) Assign priority to each report

(ii) If can't rank the reports, try to split them into 3 groups → A, B, C

(iii) A group contain → reports with high Business value and easy to create.

(iv) Size of A list → 15 reports (Max)

(v) keep B list handy → If you have extra time

(6) Develop Detailed Appli. Specifications.

   (i) involve business users.

   (ii) specification process :

     (a) capture information

     (b) ensure DW/BI

   (iii) Dellvering → some value to → Business Community

   (iv) specify report → Divide & conquer

   (v) split the target list of reports.

   (vi) Result → Group review

(7) Each report/Appli. → have set of documentation.

   (i) Mock up.

   (ii) User interaction

   (iii) Datasets

   (iv) Algorithms , Business rules.

   (v) Interactions with other reports

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(9) 2 parts of BI application specification :

   (i) Mock up   (ii) Definition

       ↓   ↓

provides visual   provide Basic inform.

representation of   about report.

"How the content

will look on page".