Course tutor module

1. login
2. enter contents – add, edit, delete contents
   1. provide a data entry form
   2. fields are course code, course name, content type drop-down list(A-P), the text box for entering content URL.
3. view learner characteristics – search or view a full list

Course adaptation module

1. match the content entered with learner characteristics
   1. the characteristics can be paired on the table e.g. active or reflective, sensing or intuitive, sequential or global
   2. e.g. if active>0 and reflective= 0 display URL for activities else display summary; if sensing>0 and intuitive= 0 display URL for details else display definitions etc.
2. provide content links ( next to a learners Regno or as clickable URL with learner Regno)
3. the contents should be unique to each learner because they show different characteristics as per the spreadsheet shared

Course learner module

1. login
2. search the details or click the course materials link
3. access materials matching the characteristics ( in a popup window)

student – useid, username, active, reflective….

content – c\_code, type, description, URL

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| course | Code, name | | | | | | | | | | | | | | | |
| type | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P |
| label |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| description |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| URL |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Adaptation criteria | | | | | | | | | | | | | | | | |
| match | active | ref | sen | Int | seq | glo | vis | vb | ALAL  H | ALAR  L | WMCN  L | WMC  H | IPS  H | IPS  L | IRA  L | IRA  H |
| condition | a>r | r>a | s>i | i>s | s>g | g>s | vis>vb | vb>viss | L>R | R>L | N>L | L>N | H>L | L>H | L>H | H>L |
| content | url A | url B | url C | url D |  |  |  |  |  |  |  |  |  |  |  | url P |

Content labels

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Content | Introduction | Definitions | Topics and | Summaries | Activities | illustrations | Time on illustrations | Time on introductions | Time on definitions | time on topics | Time on summaries | Time on activities | Grade on tests | Attempts on test | Percentage content coverage |
| Label |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| --- | --- | --- |
| Letter | Content label ( drop down list label) | Condition to display content to a student |
|  | Learning activity | a>r |
|  | Summary | r>a |
|  | Explanations/facts | s>i |
|  | definitions | i>s |
|  | overview | g>v |
|  | lessons | v>g |
|  | Illustration/image | vis>vb |
|  | Text/audio | vb>vis |
|  | External resources | ALAH>ALAL |
|  |  |  |
|  | Reading comprehension | WMCL>WMCN |
|  | Short notes/key points | WMCN>WMCL |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Example/case study | IRAH>IRAL |

note:

irrespective of the contents displayed to each student, let them appear in a systematic order e.g.

* overview
* definitions
* lessons
* explanations/ facts
* illustrations
* images
* text
* reading comprehension
* example/case study
* summary
* etc.

Summary for instance cannot appear at the beginning. Definitions cannot come at the end. You may ignore the blanks for now.

Lwande