**THIS DOCUMENT CONTAINS REQUIREMENT TRACIBILITY MATRIX AND DEVELOPMENT TRACIBILITY MATRIX AND ALSO UNIQUE ID OF USE CASES & REQUIREMENT.**

|  |  |  |
| --- | --- | --- |
| Requirement ID | Requirement name | Requirement info |
| R1 | Tracking of concept | Lecture wise tracing of concepts/ course handout |
| R2 | Rating aspect | Like practical concept, numerical etc for some topics |
| R3 | Rating of concept | Student must rate the concept on the basis of their understanding |
| R4 | Faculty review | After students have rated , teachers should be able to know the frequency and avg rating |
| R5 | Request to meet faculty | Based on project related or lecture related |
| R6 | HOD review | Lectures of their particular subjects |
| R7 | Project progress | Tracing of project works and deadline to submit |
| R8 | Suspension/rescheduling of class | Lectures and tutorials |
| R9 | Profile | About research work and interested feilds |
| R10 | Mid sem feedback | Discussion , rating and solutions |

|  |  |
| --- | --- |
| **Use case id** | **Use case name** |
| UC1 | View ratings |
| UC2 | Upload concepts/ course handout |
| UC3 | Trace concept |
| UC4 | Aspect of concept |
| UC5 | Take request for meetings |
| UC6 | Schedule meeting |
| UC7 | Include project/assignment |
| UC8 | Edit submissions |
| UC9 | submissions |
| UC10 | Request the faculty to meet |
| UC11 | Project related topic |
| UC12 | Course related topic |
| UC13 | Subparts |
| UC14 | Deadline |
| UC15 | Take Mid semester feedback |
| UC16 | Discussion forum |
| UC17 | Take attendance |
| UC18 | Create alert |
| UC19 | Rate the concept |
| UC20 | Profile |
| UC21 | Research work |
| UC22 | Current research |
| UC23 | Past research |
| UC24 | View ratings |
| UC25 | Rescheduling class |

**REQUIREMENT TRACIBILITY MATRIX**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | R1 | R2 | R3 | R4 | R5 | R6 | R7 | R8 | R9 | R10 |
| R1 | \* | R, | D,I | D | R | R,V | \* | \* | \* | D |
| R2 | R | \* | D,I | R | \* | D,I | \* | \* | \* | \* |
| R3 | D | D | \* | D | \* | D | \* | \* | \* | D |
| R4 | R | D | R | \* | \* | \* | \* | \* | \* | D |
| R5 | R | R | \* | \* | \* | \* | R | \* | \* | D |
| R6 | I,V | V | D | D | \* | \* | R | \* | \* | R |
| R7 | \* | \* | \* | R | R | \* | \* | \* | \* | \* |
| R8 | \* | \* | \* | \* | \* | \* | \* | \* | \* | \* |
| R9 | I | I | \* | \* | \* | \* | \* | \* | \* | \* |
| R10 | I | I | R | I | I | \* | \* | \* | \* | \* |

R-related I-included V-view D-dependent

**DEVELOPMENT TRACIBILITY MATRIX**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Use case addressing the Requirement | Classes Addressing the Requirement | Methods Addressing the Requirement | Unit Test cases addressing the Requirement |
| R1 | UC2,UC3 |  |  |  |
| R2 | UC2,UC4 |  |  |  |
| R3 | UC2,UC3,UC4,UC17 |  |  |  |
| R4 | UC2,UC3,UC4,RC24 |  |  |  |
| R5 | UC10,UC11,UC12 |  |  |  |
| R6 | UC2,UC3,UC4,UC25,RC24 |  |  |  |
| R7 | UC7,UC8,UC9 |  |  |  |
| R8 | UC25 |  |  |  |
| R9 | UC20,UC21,UC22,UC23 |  |  |  |
| R10 | UC15,UC16 |  |  |  |