Level 0

Unit level process description

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| **Unit Level Process Description** |
| Process Name: Grade Sheet and Transcript Generation  Process Id: P19 |
| 1) AR Academic can:  (a) generate grade sheet  (b) generate transcript  (c) check if all the faculty members have submitted their respective grade lists  (d) send reminder to the faculty members if they have not submitted the grade lists  (2) They select the batch and branch of students for which they wish to generate the grade sheet and transcript and do it in one go.  (3) The process P19 will check if all the faculty members have submitted their respective grades lists. If not a reminder will be sent to them.  (4) The students can:   1. View their grade sheet   (5) If all the gradesheets are generated without discrepancy, the process P19 will write the generated grade sheets onto the Data Store, DS1 (Student Details). |

Data Flow description

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| **Data Flow** | **Data Item** | **Remarks** |
| DF1: Enrollment no. | 1. Present Semester Course and corresponding grades 2. SPI |  |
| DF2: Grade Sheet, Transcript, Email Notification | 1. Grade Sheet 2. Transcript 3. Notify that grade sheet or transcript is available |  |
| DF3: Grade Sheet, Transcript, send reminder | 1. Grade Sheet 2. Transcript 3. Reminder to faculty alert |  |
| DF4: Status of grades uploaded by faculty | 1. All the grades are uploaded or not. |  |
| DF5: Updated CPI SPI, Registered Courses | 1. Registered courses 2. Course 3. Grades 4. CPI 5. SPI |  |
| DF6: Student Details | 1. Student Name 2. Student ID 3. Registered Courses 4. Course Credit Detail 5. Course Type: Core/Optional | 1. Detail of student from API 12 |
| DF7: Grades | 1. Student ID 2. Course name 3. Course Grade | 1. Grades from API18 |

Data Store description

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| **Data Flow** | **Data Item** | **Remarks** |
| DS1: Student Details | 1. Name 2. Enrollment number 3. Program 4. Year 5. Branch 6. Grade in the subject 7. Registered courses 8. Course Code 9. Course Type:core/elective 10. Course Credit detail |  |