**System Functional Requirements - updated**

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| **UC ID** | **Process** | **Description** | **Priority** | **Present in form** |
| UC01 | Login/ | Users enter their username and password to access the system. | High | YES |
| UC02 | Refresh database/ | Scenario to trigger:  A recent change has been made.  Refreshes the data items in the database to show recent changes | Medium | YES |
| UC03 | Query Selection | Scenario to trigger:  Scheduled reports needs to be generated  User utilizes database query builder for simple report generation. User can select these reports in the available queries. | Low | NO |
| UC04 | Add Teacher Profile data to database/ | Scenario to trigger: Teacher profile data is now at hand and can be uploaded  Adds a participant entity to the database based on user input from Teacher Profile form | High | YES |
| UC05 | Add Student profile to database | Scenario to trigger: Student profile data is now at hand and can be uploaded  Adds a participant entity to the database based on user input from Student Profile form | High | YES |
| UC06 | Edit Teacher data in database | Scenario to trigger: Teacher profile data needs to updated/edited  Edit teacher data in database | Medium | NO |
| UC07 | Edit Student data in database | Scenario to trigger: Student profile data needs to be updated/edited  Edit Teacher data in database | Medium | NO |
| UC08 | Add Teacher for Adept/ | Scenario to trigger: List of Adept Teacher is already at hand  Add data from teachers participating in Adept. | High | YES |
| UC09 | Add Teacher for BEST/ | Scenario to trigger: List of BEST Teacher is already at hand  Add data from teachers participating in BEST. | High | YES |
| UC010 | Edit Teacher for Adept/ | Scenario to trigger: Teacher Adept data needs to be edit/updated  Edits data from teachers participating in Adept. | Medium | NO |
| UC011 | Edit Teacher for BEST/ | Scenario to trigger: Teacher BEST data needs to updated/edit  Edits data from teachers participating in BEST. | Medium | NO |
| UC012 | Add Teacher Attendance for Adept Training/ | Scenario to trigger: Teacher Attendance data for adept is already at hand.  Adds data regarding attendance in Adept Training | High | YES |
| UC013 | Add Teacher Attendance for BEST/ | Scenario to trigger: Teacher Attendance data for BEST is already available  Adds data regarding attendance in BEST training | High | YES |
| UC016 | Submit Teacher Application for SMP/ | Scenario to trigger:  Submit the teacher’s application for SMP with the necessary information filled up | Low | YES |
| UC017 | Add Teacher Attendance in SMP/ | Scenario to trigger: Teacher Attendance in SMP is already at hand  Adds data regarding the attendance of SMP participants in a particular date. | High | YES |
| UC018 | Edit SMP Teacher Attendance/ | Scenario to trigger:  SMP Teacher Attendance needs to be edited/updated  Edits the attendance data of the list SMP participants in a chosen day. | Medium | NO |
| UC019 | Add SMP Stipend Track/ | Scenario to trigger: SMP Stipend is already at hand  Adds a stipend process track data to the database to be used for reporting purposes | Medium | YES |
| UC020 | Edit SMP Stipend Track | Scenario to trigger:  SMP Stipend data needs to be edited/updated  Edit the stipend process track data in the database | Low | YES |
| UC021 | Display Summary of Attendance/ | Scenario to trigger:  The Attendance of a specific event/entity needs to be displayed  Displays the attendance summary of a particular event | Low | NO (YES in general) |
| UC022 | \*Add Teacher in Immersion/ | Scenario to trigger:  Teacher Immersion data is already at hand and can be uploaded  Adds information about a teacher participating in immersion as part of training | High | NO |
| UC023 | Display Participant Master List/ | Scenario to trigger:  There is a need to see the participants of a particular program  Displays the master list of the participants in a particular program | Low | NO (YES per category example per program, per student, per teacher etc) |
| UC025 | \*Add SMP student/ | Scenario to trigger:  SMP Student data is already at hand and can be uploaded  Adds a participant entity to the database based on user input from SMP Student | High | YES |
| UC026 | \*Edit SMP student / | Scenario to trigger:  An SMP student entity needs to updated/edited  Edits the information of a particular participant’s SMP Student information in the database | Medium | NO |
| UC027 | \*Add GCAT proctor/ | Scenario to trigger:  GCAT proctor data is already at hand and can be uploaded  Adds a participant entity to the database based on user input from GCAT Proctor Application | High | NO (YES in general) |
| UC029 | Delete GCAT proctor / | Scenario to trigger:  A GCAT proctor entity needs to deleted  Deletes a proctor entitiy from the database. | Low | NO (YES in general) |
| UC030 | Batch Upload GCAT Grades/ | Scenario to trigger: Batch of GCAT grades is now at hand and can now be uploaded to the system  Uploads a batch of student GCAT grades | High | YES |
| UC031 | Batch Upload BEST Grades/ | Scenario to trigger: Batch of BEST grades is now at hand and can now be uploaded to the system  Uploads a batch of student BEST grades. | High | YES |
| UC032 | Batch Upload E-ADEPT Grades/ | Scenario to trigger: Batch of E-Adept grade is now at hand and can now be uploaded  Uploads a batch of student E-ADEPT Grades. | High | YES |
| UC033 | Batch Upload SMP Grades/ | Scenario to trigger: Batch of SMP grades is now at hand and can be upgraded.  Uploads a batch of student SMP Grades. | High | NO |
| UC038 | Delete GCAT Grades/ | Scenario to trigger: A Selection of GCAT grade needs to be deleted  Deletes student’s GCAT grades. | High | NO |
| UC039 | Delete BEST Grades/ | Scenario to trigger:  A BEST grades entity needs to be deleted  Deletes student’s BEST grades. | Low | NO |
| UC040 | Delete E-ADEPT Grades/ | Scenario to trigger:  A E-ADEPT grades entity needs to be deleted  Deletes student’s E-ADEPT grades. | Low | NO |
| UC041 | Delete SMP Grades/ | Scenario to trigger:  A SMP Grade entity needs to be deleted  Deletes student’s SMP grades. | Low | NO |
| UC042 | Generate BEST student sheet/ | Scenario to trigger:  Need to generate the BEST Student participants  This generates a student sheet containing the student's control number, username, name, sex, and current status with regards to the BEST program. | Low | YES (form of tracker) |
| UC043 | Export BEST student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports BEST student sheet as PDF | High | YES (form of tracker) |
| UC044 | Export BEST student sheet as Excel file./ | Scenario to trigger:  Enable to export as Excel file for printing  This exports BEST student sheet as Excel file. | High | YES (form of tracker) |
| UC045 | Generate BEST teacher sheet/ | Scenario to trigger:  Need to generate BEST teacher participants  This generates a teacher sheet containing the teacher's control number, username, name, sex, and current status with regards to the BEST program.. | High | NO (YES in general) |
| UC046 | Export BEST teacher sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports BEST teacher sheet as PDF | High | NO (YES in general) |
| UC047 | Export BEST teacher sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports BEST teacher sheet as an Excel file | High | NO (YES in general) |
| UC048 | Generate e-ADEPT student sheet/ | Scenario to trigger:  Need to generate e-ADEPT student participants  This generates a student sheet containing the student's control number, username, name, sex, and current status with regards to the e-ADEPT program. | Low | YES (form of tracker) |
| UC049 | Export e-ADEPT student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports e-ADEPT student sheet as PDF | High | YES (form of tracker) |
| UC050 | Export e-ADEPT student sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports e-ADEPT student sheet as Excel file | High | YES (form of tracker) |
| UC051 | Generate e-ADEPT teacher sheet/ | Scenario to trigger:  Need to generate e-ADEPT teacher participants  This generates a teacher sheet containing the teacher's control number, username, name, sex, and current status with regards to the e-ADEPT program. | High | NO (YES in general) |
| UC052 | Export e-ADEPT teacher sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports e-ADEPT teacher sheet as PDF | High | NO (YES in general) |
| UC053 | Export e-ADEPT teacher sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports e-ADEPT teacher sheet as an Excel file | High | NO (YES in general) |
| UC054 | Generate consolidated BEST and e-ADEPT student sheet/ | Scenario to trigger:  Need to generate consolidated BEST and e-ADEPT student participants  This generates the number of students per SUC participating in BEST and E-ADEPT | Medium | NO |
| UC055 | Export consolidated BEST and e-ADEPT student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports consolidated BEST and e-ADEPT student sheet as PDF | High | NO |
| UC056 | Export consolidated BEST and e-ADEPT student sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports consolidated BEST and e-ADEPT student sheet as Excel file | High | NO |
| UC057 | Generate consolidated BEST and e-ADEPT teacher sheet/ | Scenario to trigger:  Need to generate consolidated BEST and e-ADEPT teacher participants  This generates the number of teachers participating in BEST and E-ADEPT per SUC. | Medium | NO |
| UC058 | Export consolidated BEST and e-ADEPT teacher sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports consolidated BEST and e-ADEPT teacher sheet as PDF | High | NO |
| UC059 | Export consolidated BEST and e-ADEPT teacher sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports consolidated BEST and e-ADEPT teacher sheet as Excel file | High | NO |
| UC060 | Generate a departmental level BEST and e-ADEPT student sheet / | Scenario to trigger:  Need to generate a departmental level BEST AND e-ADEPT student participants  Generates the number of students who participated in BEST and E-ADEPT and the number of students who completed with other remarks such as e-learning feedback, competitiveness assessment, and analysis. | Medium | NO |
| UC061 | Export a departmental level BEST and e-ADEPT student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports a departmental level BEST and e-ADEPT student sheet as PDF | High | NO |
| UC062 | Export a departmental level BEST and e-ADEPT student sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports a departmental level BEST and e-ADEPT student sheet as an Excel file | High | NO |
| UC063 | Generate a departmental level BEST and e-ADEPT teacher sheet | Scenario to trigger:  Need to generate a departmental BEST and e-ADEPT teacher participants  Generates the number of teachers who participated in BEST and E-ADEPT and the number of students who completed with other remarks such as e-learning feedback, competitiveness assessment, and analysis. | Medium | NO |
| UC064 | Export a departmental level BEST and e-ADEPT teacher sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports departmental level BEST and e-ADEPT teacher sheet as PDF | High | NO |
| UC065 | Export a departmental level BEST and e-ADEPT teacher sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports departmental level BEST and e-ADEPT teacher sheet as an Excel file | High | NO |
| UC066 | Generate GCAT project level student sheet/ | Scenario to trigger:  Need to generate GCAT project level student participants  Generates a student sheet of the number of students who took GCAT courses and shows their respective grades separated by SUCs | Medium | NO |
| UC067 | Export GCAT project level student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports GCAT project level student sheet as PDF | High | NO |
| UC068 | Export GCAT project level student sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports GCAT project level student sheet as Excel file | High | NO |
| UC069 | Generate GCAT department level student sheet/ | Scenario to trigger:  Need to generate GCAT departmental level student participants  Generates a student sheet of the number of students who took GCAT courses, the number of student who passed, and the average grades of students. Also included are competitive assessments and analysis of results. | Medium | NO |
| UC070 | Export GCAT department level student sheet as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports GCAT department level student sheet as PDF | High | NO |
|  | Export GCAT department level student sheet as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports GCAT department level student sheet as Excel file | High | NO |
| UC072 | CHED Program Tracker per SUC/ | Scenario to trigger:  Need to generate CHED Program Tracker per SUC  Generates the number of students per school participating in each of the subjects offered by CHED in the program. | Medium | NO |
| UC073 | Generate SMP-T3 Tracker per SUC / | Scenario to trigger:  Need to generate SMP-T3 Tracker per SUC  Generates the number of teachers per school training for SMP. | Medium | NO (YES in general) |
| UC074 | Export SMP-T3 tracker per SUC as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports SMP-T3 tracker per SUC as PDF | High | NO (YES in general) |
| UC075 | Export SMP-T3 tracker per SUC as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports SMP-T3 tracker per SUC as Excel file | High | NO (YES in general) |
| UC076 | Generate SMP-SUC Tracker per Subject/ | Scenario to trigger:  Need to generate SMP-SUC Tracker per Subject  Generates the number of teachers per subject in SMP. | Medium | NO (YES in general) |
| UC077 | Export SMP-SUC Tracker per Subject as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports SMP-SUC Tracker per Subject as PDF | Medium | NO (YES in general) |
| UC078 | Export SMP-SUC Tracker per Subject as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports SMP-SUC Tracker per Subject as Excel file | High | NO (YES in general) |
| UC079 | Generate SMP Report SUC Level/ | Trigger to scenario:  Need to generate SMP Report SUC Level  Generates the name of teachers and other information participating in SMP in a SUC. | Medium | YES |
| UC080 | Export SMP Report SUC Level as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports SMP Report SUC Level as PDF | High | YES |
| UC081 | Export SMP Report SUC Level as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports SMP Report SUC Level as Excel file | High | YES |
| UC082 | Generate SMP Report Project Level (Student)/ | Scenario to trigger:  Need to generate SMP Report Project Level (Student)  Generates the number of students and their average grade in a particular subject per school. | Medium | YES |
| UC083 | Export SMP Report Project Level (Student) as PDF/ | Scenario to trigger:  Enable to export as PDF for printing  This exports SMP Report Project Level (Student) as PDF | High | YES |
| UC084 | Export SMP Report Project Level (Student) as Excel file/ | Scenario to trigger:  Enable to export as Excel file for printing  This exports SMP Report Project Level (Student) as Excel file | High | YES |
| UC085 | SMP Report Department Level (Student)/ | Scenario to trigger:  Need to generate SMP Report Department Level (Student)  Generates the number of students participating in SMP and other information regarding the participants in each school. | Medium | NO |
| UC086 | Print Participant List for Trainers/ | Scenario to trigger:  Enable to print Participant List for Trainers  Generates the list of teachers participating in the training. | Low | YES |
| UC087 | Add Company/ | Scenario to trigger:  Company data is already at hand and can be uploaded  Adds a company entity to the database. | High | NO |
| UC088 | Add GCAT Master Trainer / | Scenario to trigger:  GCAT Master Trainer data is at hand and can be uploaded  Adds a participant entity to the database based on user input from GCAT master trainer. | High | YES |
| UC090 | Delete GCAT Master Trainer/ | Scenario to trigger:  GCAT Master Trainer entity needs to be deleted  Deletes a master trainer entity from the database. | High | YES |
| UC091 | Add user/ | Scenario to trigger:  User data is at hand and can be uploaded  Adds a user entity by filling in required information | Medium | YES |
| UC092 | Delete user/ | Scenario to trigger:  User entity needs to be deleted  Deletes the information of a specific user | Medium | YES |
| UC093 | View user/ | Scenario to trigger:  User entity needs to be viewed  Allows the user to view details of a specific user | Medium | YES (in form of edit) |
| UC095 | View Notification/ | Scenario to trigger:  Notifications needs to be viewed  Gives the user the ability to view details of a notification | Medium | YES |
| UC096 | Send Notification/ | Scenario to trigger:  User needs to send notification  Gives a user the ability to send notifications to other users. | Medium | NO |
| UC097 | View Progress Chart/ | Scenario to trigger:  User needs to view Progress Chart  Gives the user the ability to view the progress of the program. | Medium | NO |
| UC098 | Search | Scenario to trigger:  User needs to search something  Allows the user to search the database containing the particular word/words | Medium | YES (available on specific tabs only) |
| UC099 | Cross Check Class List with Student Database | Scenario to trigger:  User needs to cross check Class Lists with Student Database  Checks if the students in a class are stored in the database. | High | NO |
| UC100 | Print Confirmed and Unconfirmed Students | Scenario to trigger:  Need to print Confirmed and Unconfirmed Students  Generates a list of students that are confirmed and not confirmed in the class. | Medium | YES |
| UC101 | Upload class list | Scenario to trigger:  Class lists needs to be uploaded  Uploads the list of students belonging to a particular class. | High | YES |
| UC 102 | Generate notification board | Scenario to trigger:  Need to generate notification board  Generates a dashboard that will display notification about current activity in the system | Low | NO |
| UC 103 | Batch Upload Attendance | Scenario to trigger:  Need to batch upload attendance  Uploads attendance per batch | High | YES |
| UC 104 | Batch upload class list | Scenario to trigger:  Need to batch upload class lists  Upload class list data per batch | High | NO |
| UC 105 | Batch Upload SMP Product Tracker | Scenario to trigger:  Need to batch upload SMP product tracker  Upload SMP Product Tracker data per batch | High | NO |
| UC 106 | Batch Upload GCAT Product Tracker | Scenario to trigger:  Need to batch upload GCAT Product Tracker  Upload GCAT Product Tracker data per batch | High | NO |
| UC 107 | Batch Upload BEST Product Tracker | Scenario to trigger:  Need to batch upload BEST product tracker  Upload BEST Product Tracker data per batch | High | NO |
| UC 108 | Batch Upload Adept Product Tracker | Scenario to trigger:  Need to batch upload Adept Product Tracker  Upload Adept Product Tracker data per Batch | High | NO |
| UC 109 | Batch Upload SMP Status Tracker | Scenario to trigger:  Need to batch upload SMP status tracker  Upload SMP Status Tracker data per batch | High | NO |
| UC 110 | Batch Upload GCAT Status Tracker | Scenario to trigger:  Need to batch upload GCAT status tracker  Upload GCAT Status Tracker data per batch | High | NO |
| UC 111 | Batch Upload BEST Status Tracker | Scenario to trigger:  Need to batch upload BEST status tracker  Upload BEST Status Tracker data per batch | High | NO |
| UC 112 | Batch Upload Adept Status Tracker | Scenario to trigger:  Need to batch upload Adept status tracker  Upload Adept Status Tracker data per batch | High | NO |
| UC 113 | Save Draft | Scenario to trigger:  User needs to save draft  Allows Users to save the draft of their work to be continued on another time | Low | YES |
| UC 114 | Reset Fields | Scenario to trigger:  User needs to reset fields  Reset fields to their default value | Low | YES |

**System Non-Functional Requirements**

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| **UC ID** | **Process** | **Description** | **Priority** |
| UC099 | Backup database/ | The entire database is exported/dumped to a file. | High |
| UC0100 | Restore database/ | The entire database is replaced by a previous backup file. | High |
| UC0101 | Password hardening/ | The root access password for the database is changed from default to a more secure one. | Medium |
| UC0102 | Audit trail/ | A log file is kept to keep track of when and which user made changes to the data in the database. | High |
|  | Add |  |  |

**Forms to be done**

**1. proctor form for GCAT, Adept, Best**

**2. Batch upload of student grades template**

**3.**

**List of Recommendations**

**-communication mechanism**

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