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| **Student and Examination Administration System** | | | | | |
| **Event** | **Trigger** | **Source** | **Use Case** | **Response** | **Destination** |
| **Student wants to check past papers** | **Pass paper listing request** | **Student** | **List down available pass papers** | **Pass paper list** | **Student** |
| **Student wants to submit CA** | **CA submission request** | **Student** | **Submit CA** |  |  |
| **Student wants to submit home works** | **Homework submission request** | **Student** | **Submit homework** |  |  |
| **Student want to do QUIZ** | **QUIZ session request** | **Student** | **Attend QUIZ session** | **QUIZ question table** | **Student** |
| **Student wants to register for Exam** | **Exam registration request** | **Student** | **Register student for exam** |  |  |
| **Student wants to see time table** | **Exam time table request** | **Student** | **Display time table** | **Exam time table** | **Student** |
| **Student wants to check results** | **Result request** | **Student** | **Retrieve and show results** | **Results table** | **Student** |
| **Student wants to apply for re-correction** | **Re-correction request** | **Student** | **Submit re-correction** | **Re-correction request notification** | **Lecturer** |
| **Student wants to see overall GPA** | **Final GPA request** | **Student** | **Display final GPA** | **Overall GPA** | **Student** |
| **Lecturer wants to provide QUIZ** | **QUIZ submission request** | **Lecturer** | **Create QUIZ page** |  |  |
| **Lecturer wants to set homework submission link** | **Submission link creation request** | **Lecturer** | **Create submission link** |  |  |
| **Lecturer wants to update results** | **Update results request** | **Lecturer** | **Update results to database** | **Verification needed notification** | **Registrar** |
| **Lecturer wants to see students’ attendance** | **Students' attendance request** | **Lecturer** | **Display student attendance** | **Student's attendance details** | **Lecturer** |
| **Lecture wants approve re-correction request** | **Re-correction approval request** | **Lecturer** | **Approve re-correction** |  |  |
| **Instructor wants to update attendance** | **Attendance updating request** | **Instructor** | **Update students' attendance** |  |  |
| **Instructor wants to set CA submission link** | **Submission link creation request** | **Instructor** | **Create submission link** |  |  |
| **Instructor wants to pull down CA** | **CA submissions download request** | **Instructor** | **Download CA submissions** | **Downloading CA files** | **Instructor** |
| **Instructor wants to update CA marks** | **CA marks updating request** | **Instructor** | **Update CA marks** | **Updated Mark Sheet** | **Student** |
| **Instructor wants to set eligibility to sit exam** | **Set exam eligibility request** | **Instructor** | **Enable students for exams** |  |  |
| **Instructor wants to pull down homework** | **Homework download request** | **Instructor** | **Download homework submissions** | **Downloading homework files** | **Instructor** |
| **Instructor wants to upload past papers** | **Uploads pass papers request** | **Instructor** | **Upload pass papers** |  |  |
| **Registrar wants to approve marksheet** | **Registrar approves the marksheet** | **Registrar** | **approve mark sheet** | **Results table** | **Student** |

**Usecase Diagram**

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Index No: 160256U

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| --- | --- | --- |
| Usecase detailed description | | |
| Usecase name | Register for an exam | |
| Scenario | Register for an exam online | |
| Trigger | Exam registration request | |
| Brief description | Student register for exams, system checks student’s module registration status and update his name to participants list if it is true. | |
| Actors | Student | |
| Related usecases | Includes check module registration usecase. | |
| Stake holder | - | |
| Pre-condition | Student should have registered with the module. | |
| Post-condition | Time table must be sent to the student.  Registration confirmation should be sent to the student. | |
| Flow of Events | | |
| Actor | | **System** |
| 1. Student register for an exam registration. 2. Student select the module and year | | 1.1) Prompt form  2.1) Check student’s module registration  2.2) Send confirmation to student |
| Exception conditions | | 2.1) If student has not registered for the module, give warning with details.  2.2) If student cannot find out needed module or year, he should contact examination department.  2.3) If student did not receive confirmation, he must re – register for it |

Activity Diagram : Register for examination

|  |  |
| --- | --- |
| Student | System |
| yes  Open exam registration page | Prompt student for module and year |
| Submit necessary details |  |
|  | no  Check module registration status |
|  | Display confirmation of successful registration |
|  | Warn student about it and re-prompt |

