**3.2. Functional Requirements**

Fuctional requirements indicate the functions the system offers to the user.Therefore,in this part we will specify the functions of our three-actor system

\* Instructor Functions

\* Student Functions

\* Admin Functions

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| --- |
| Login the system |
| Change password |
| Reset password |
| Prepare and publish exam |
| Upload Results |
| Upload Correct Answer |
| Cancel Exam |
| Set Time Limit For Exams |

**Instructor Functions**

**Login The System:**Instructor must login the system ,if he/she wants to do any operation in the OES such as examine.

**Change password:**Instructor want to change password and he/she click the change password button then changed password on opened page.

**Reset password:** Maybe he/she forgat his/her password in this system.This function provide an opportunity to user to take an new password.

**Prepare And Publish Exam:**Instructor prepare exam in this system.She/he do some operation when prepare exam such as addquestion,delete question,edit question.After that,she publish exam on the OES when he/she finished prepare exam.

**Upload Results:**Instructor prepare and publish exam one or more course in the system then student take an exam and start exam.When student finished exam , system save this exam.After that,ınstructor view an exam and form an estimate of exam.With this function Instructor can upload exam results on the system.

**Cancel Exam:**Instructor use this function in two situation.First one is instructor publish wrong exam in this system and he/she want to cancel this wrong exam and in this situation he/she use this function to resolve this problem.The other one is ınstructor can cancel exam when he/she perform this exam if she/he wants.

**Set Time Limit For Exam:**This function is necessary for OES.Instructor set a limit time for exam and exam must finished when this time is over.

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| --- |
| Login the system |
| Change password |
| Reset password |
| Taking exam |
| Pass Question |
| Save Exam |
| View Exam Results |

**Student Functions**

**Login The System:** Student must login the system ,if he/she wants to do any operation in the OES such as take an exam.

**Change Password:** Student wants to change password and he/she click the change password button then changed password.

**Reset Password:** Maybe he/she forgat his/her password in this system.This function provide an opportunity to user to take an new password.

**Taking Exam:**This function is very important for this system because this system for this operation.Student select course and he/she start exam when he/she took the exam.

**Pass Exam:**Pass exam function is usefull and required to doing exam.Student maybe unknown some questionand this function if not student must finish exam or wait to finish exam.

**Save Exam:**This function is neccessary to finish exam.Student take an exam and they finish the exam.İf student do not save exam ,ınstructor can not form an estimate of exam.

**View Exam Result:**If student view exam result in this system,they must use this function.

|  |
| --- |
| Login the system |
| Change password |
| Reset password |
| View user |
| View Course And Their Information |
| Add/Delete/Edit Course |
| Add/Delete/Edit User |

**Admin Functions**

**Login The System:** Admin must login the system ,if he/she wants to do any operation in the OES such as add user.

**Change Password:** Admin wants to change password and he/she click the change password button then changed password

**Reset Password:** Maybe he/she forgat his/her password in this system.This function provide an opportunity to user to take an new password.

**View User:**Admin add or delete user on this system.Therefore,he/she must view user for those operations.

**View Course And Their Information:**View function is neccessary for some operations.Admin add/delete or edit course and view property is for this operations.

**Add/Delete/Edit Course:**Thisfunction is only use by admin in OES.Only Admin has permission to do add/delete/edit course operations .

**Add/Delete/Edit User:** Thisfunction is only use by admin in OES.Only Admin has permission to do add/delete/edit user operations.