Sign in (UC-B1)

Actors: Student, Admin, Teacher.

Brief description: This use case describes How to sign in.

redirect the user to their view that Available to them.

Pre-conditions: no Pre-conditions.

Post-condition: redirect the user to view.

.

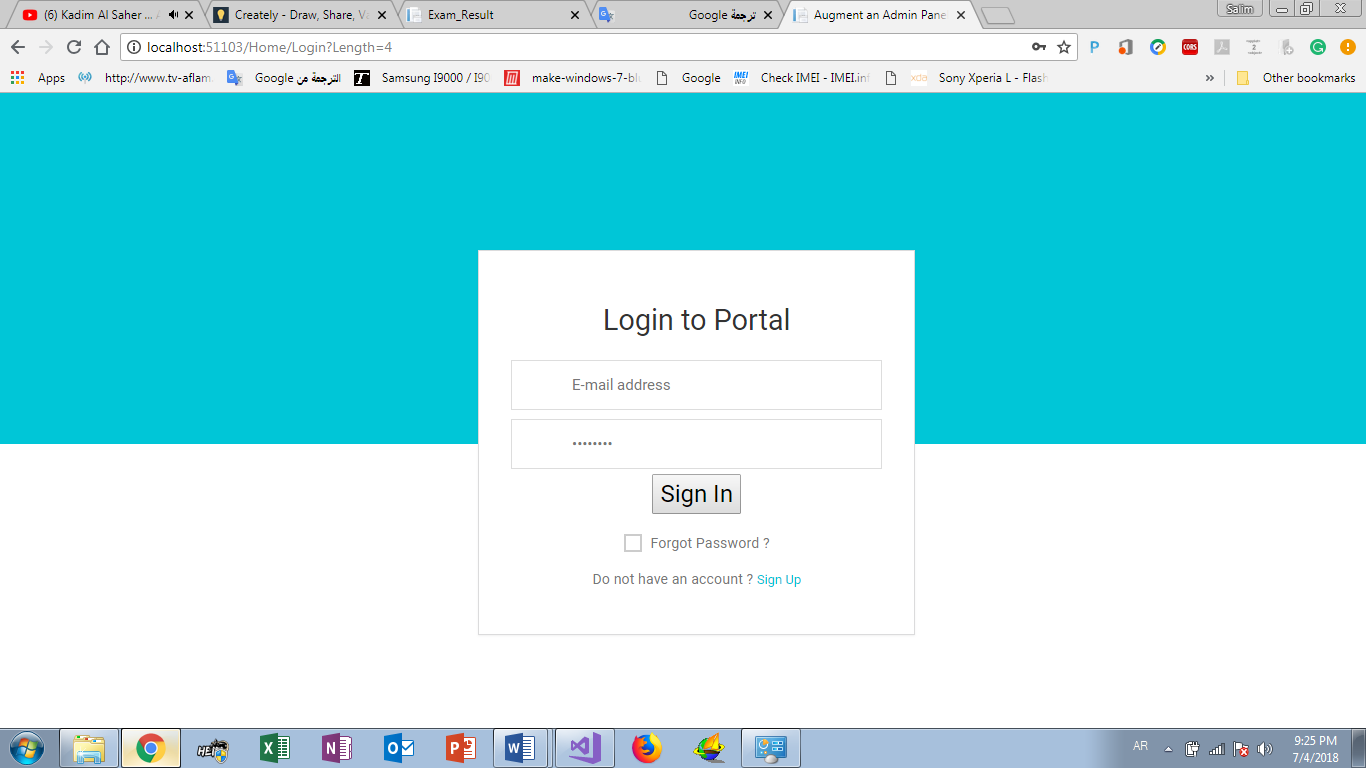
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Enter login information. |  |
| 2.Click Button “Sign in” |  |
|  | 2.Request for view that Available to this user. |
|  | 3.Rediret to the view. |

Figure : Sign in flow of events

Critical scenario:

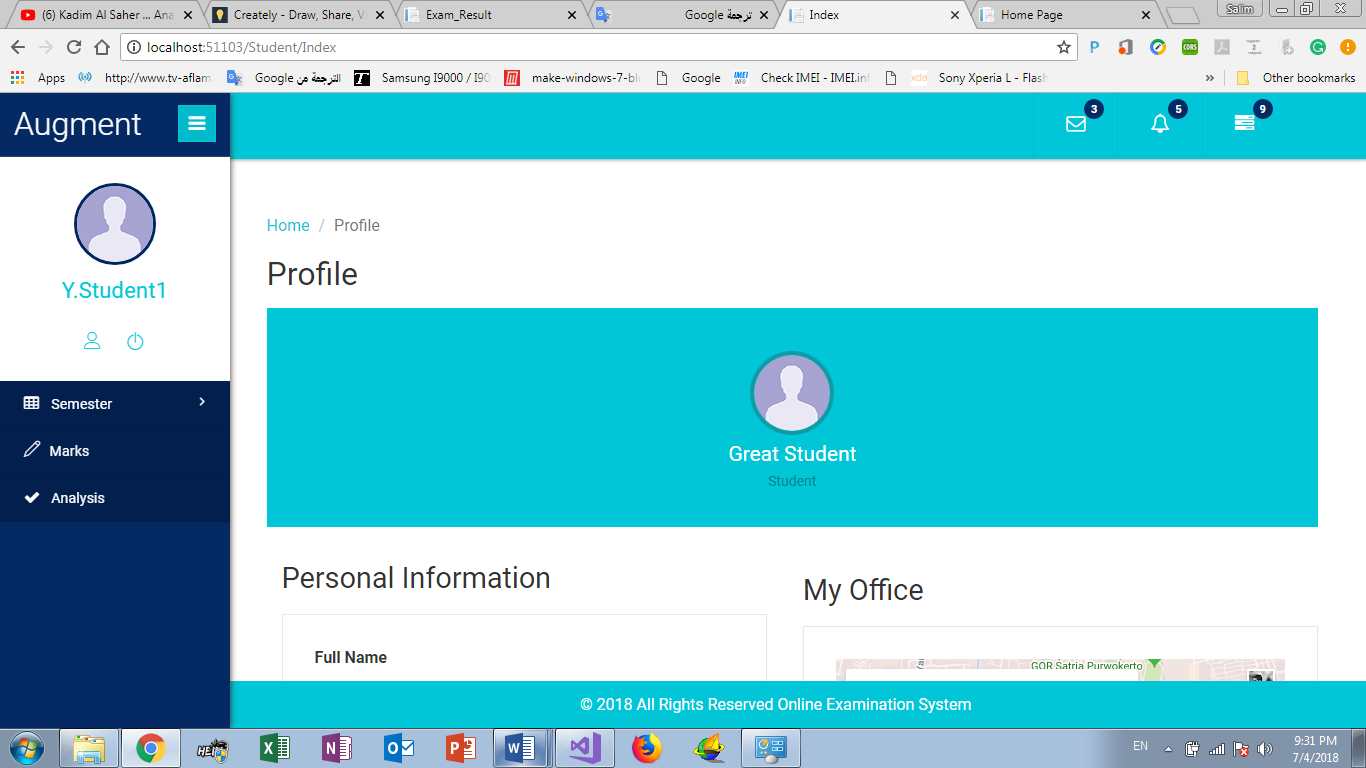
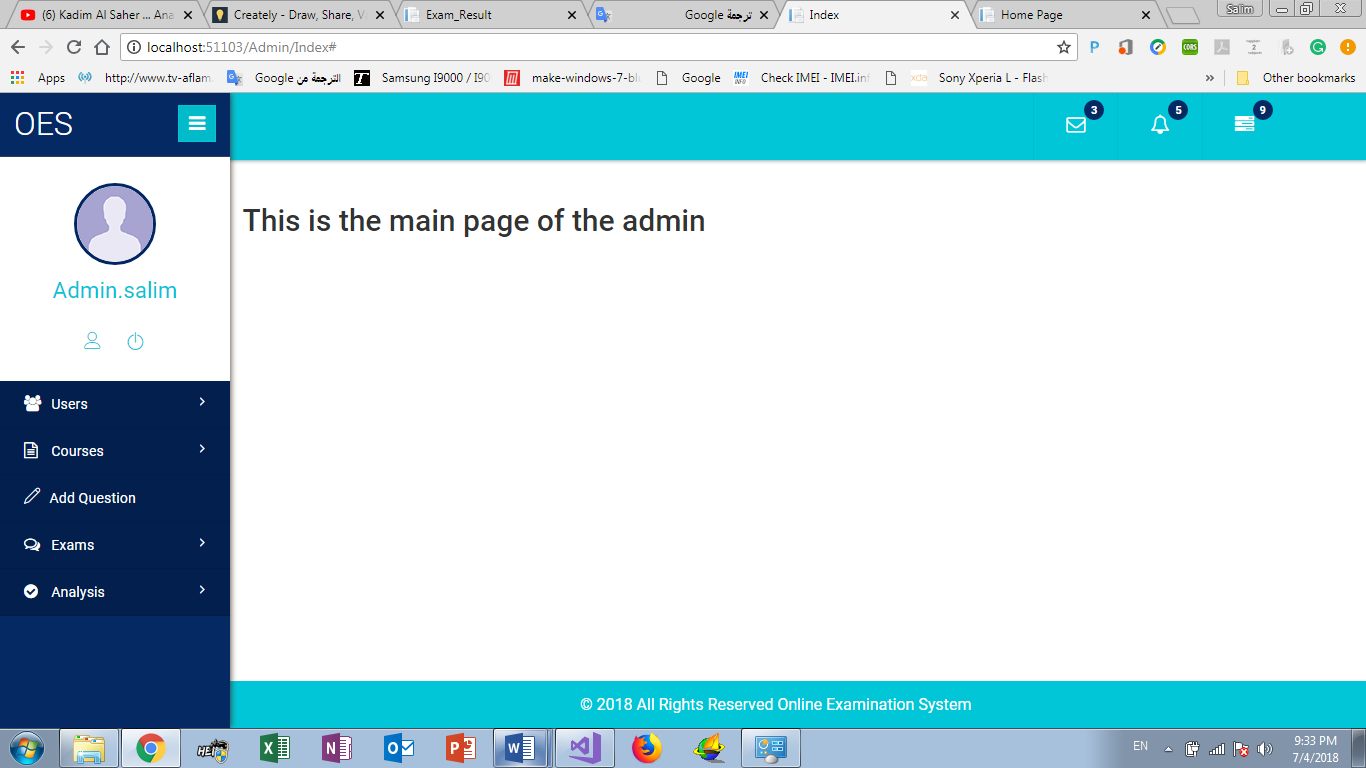
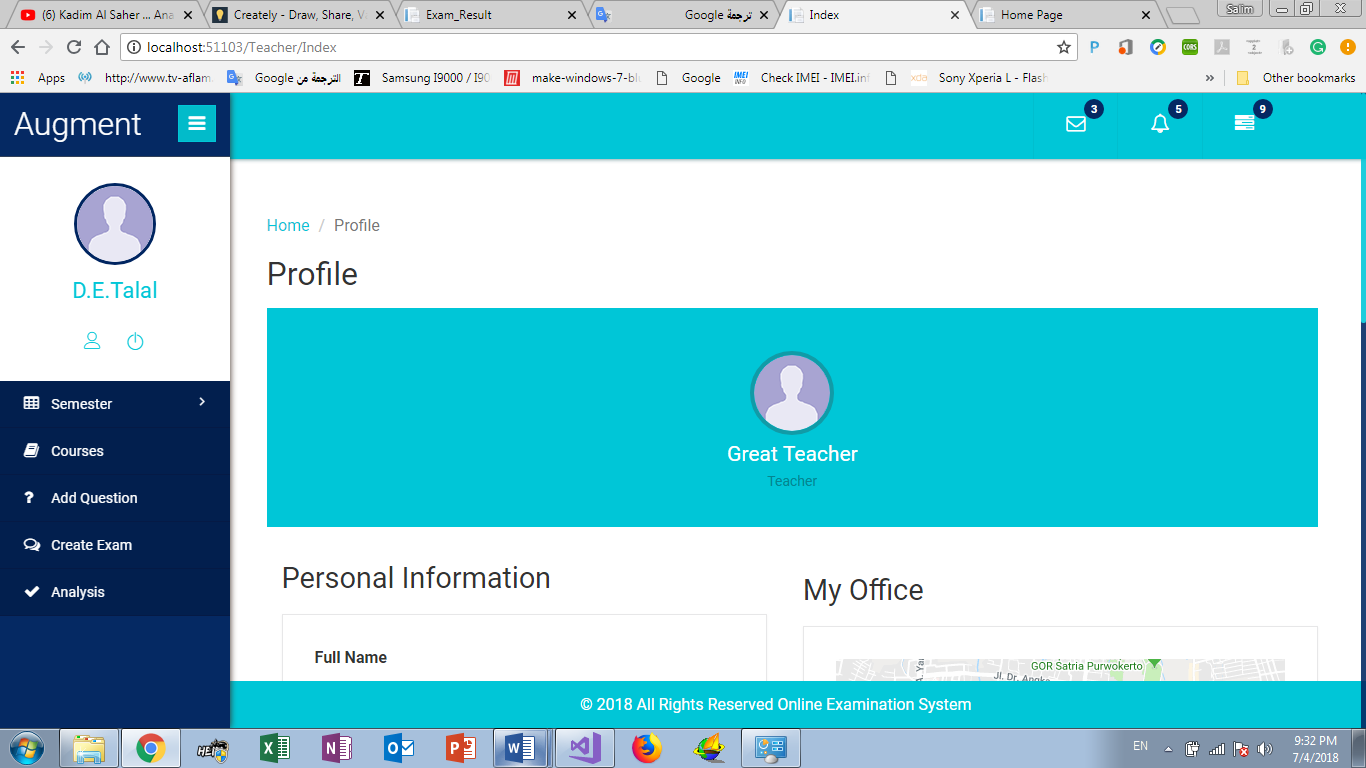
Error with login information

User interface prototype:

student

Teacher

Admin



GPA (UC-B2)

Actors: Student.

Brief description: This use case describes how student can get his GPA

Pre-conditions: Log in as Student.

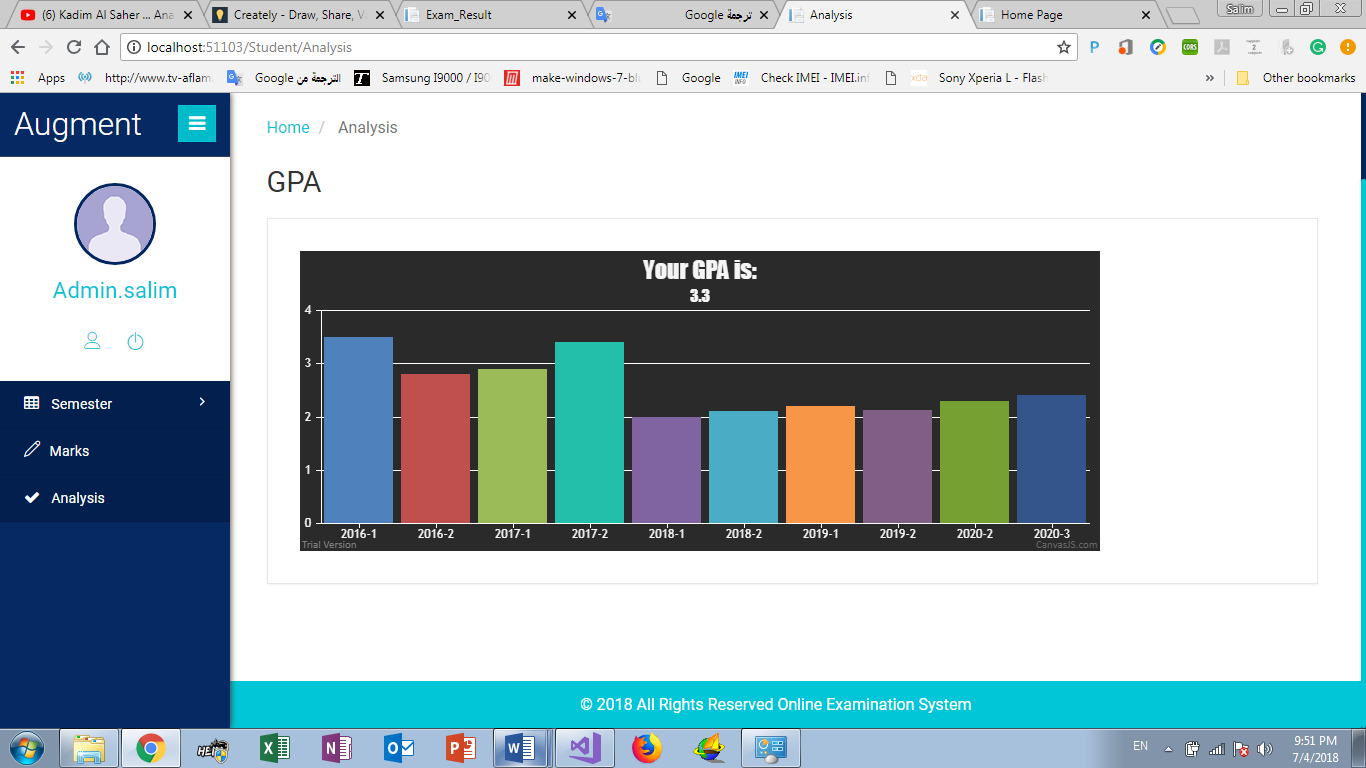
Post-condition: show student rate in each semester than calculate student GPA

Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click”GPA ” |  |
|  | 2.Request for get student rate in each semester. |
|  | 3.show student rate and his GPA. |

Critical scenario:

Begin of semester

User interface prototype:

Marks (UC-B3)

Actors: Student.

Brief description: This use case describes how student can show his marks in each course

Pre-conditions: Log in as Student.

Post-condition: show student’s marks in each course in the end of semester

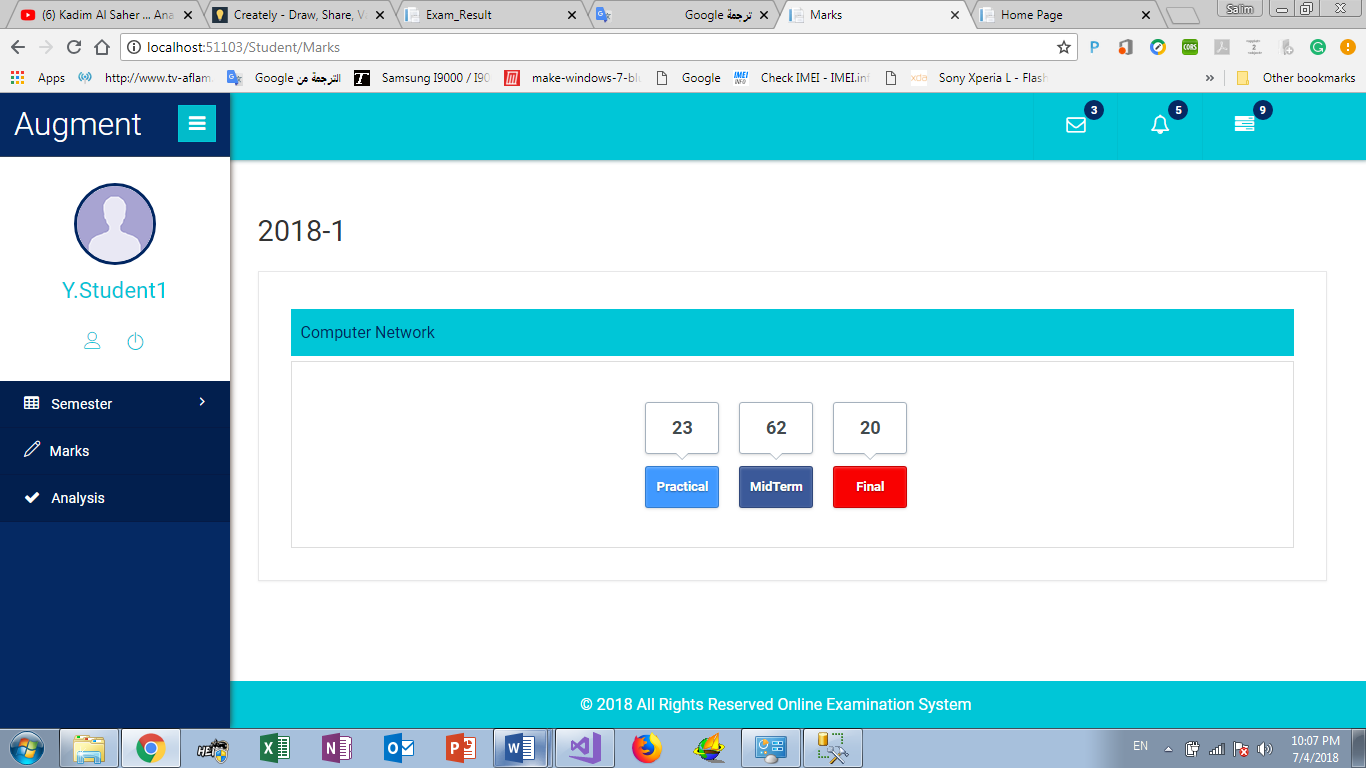
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click”Marks ” |  |
|  | 2.Request for get student Marks in each Course. |
|  | 3.show student Marks |

Critical scenario:

Begin of semester

User interface prototype:



Add Question (UC-B4)

Actors: Teacher.

Brief description: This use case describes how Teacher can Add new Question

Pre-conditions: Log in as Teacher.

Post-condition: Teacher add new question in course

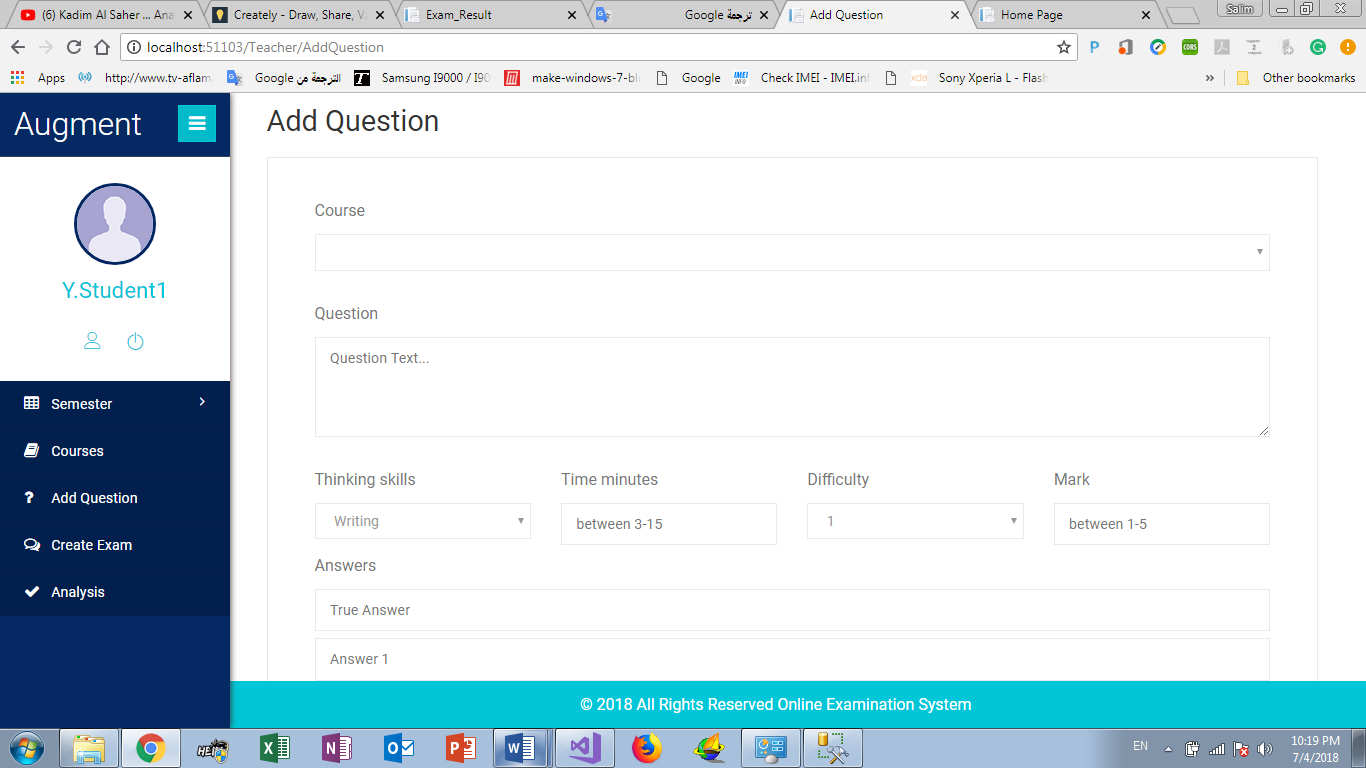
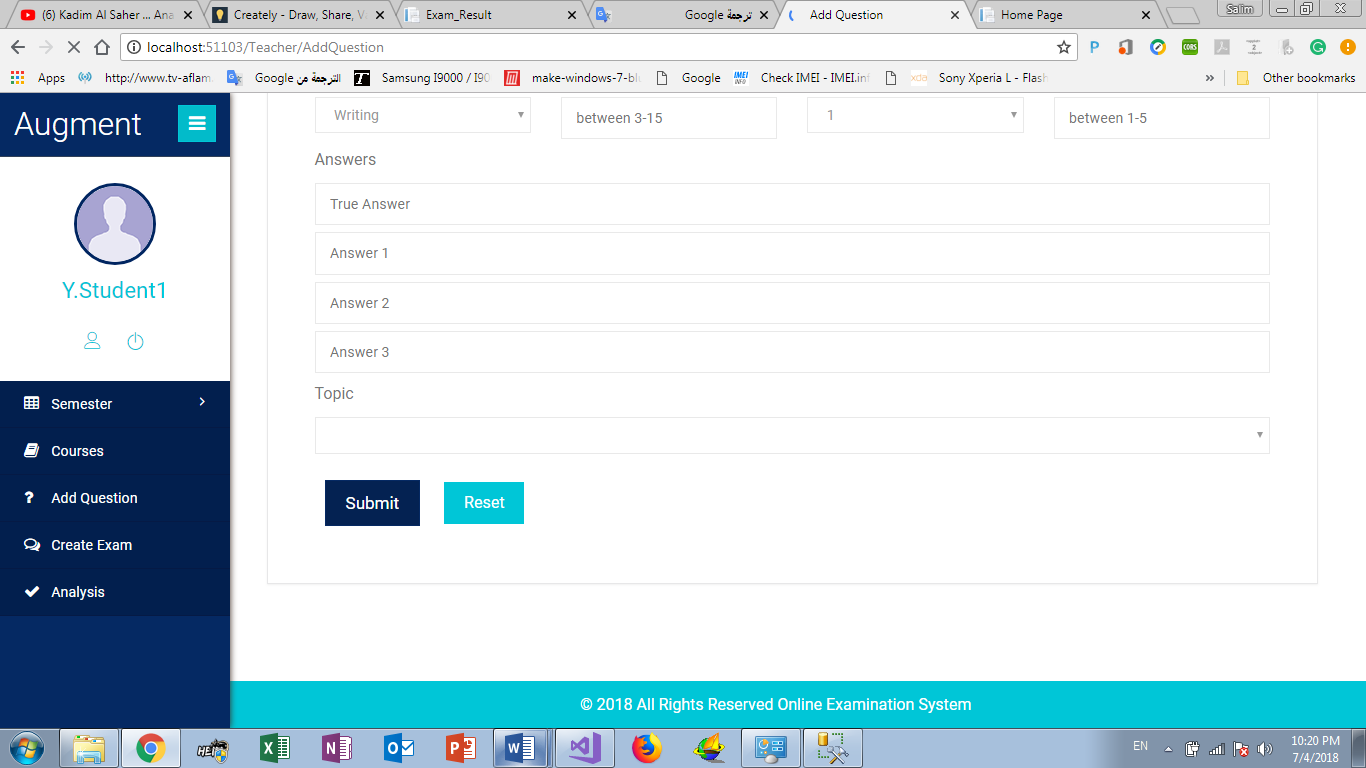
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click”Add Question ” |  |
| select course |  |
| insert question text |  |
| Insert question 4 Answers |  |
| Insert question thinking skills |  |
| Insert question time |  |
| Insert question difficulty |  |
| Insert question marks |  |
| Select topic |  |
| Click”Add” |  |
|  | Request for add new question |
|  | Show “Success” |

Critical scenario:

Error in question information

User interface prototype:



Create Exam (UC-B5)

Actors: Teacher.

Brief description: This use case describes how Teacher can create Exam

Pre-conditions: Log in as Teacher.

Post-condition: Teacher create exam and select exam topic and information

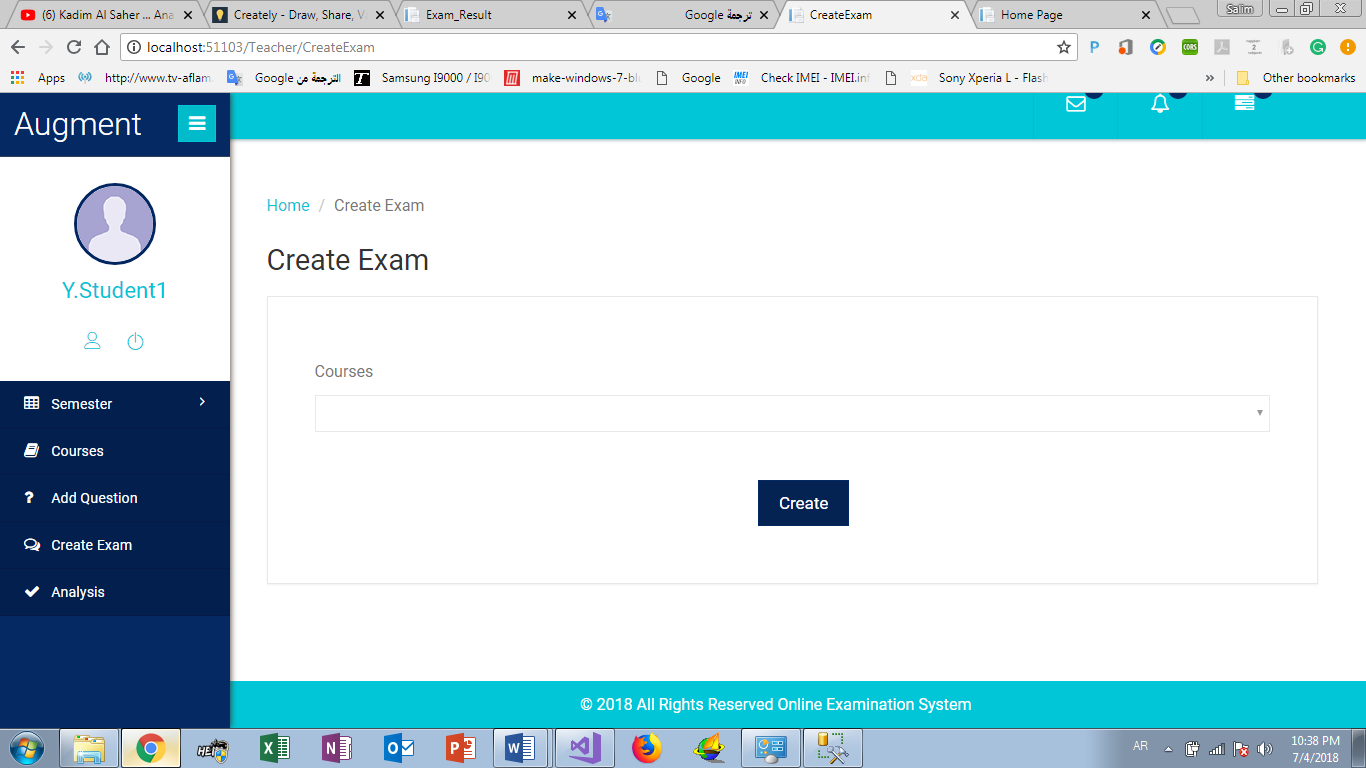
Flow of event:

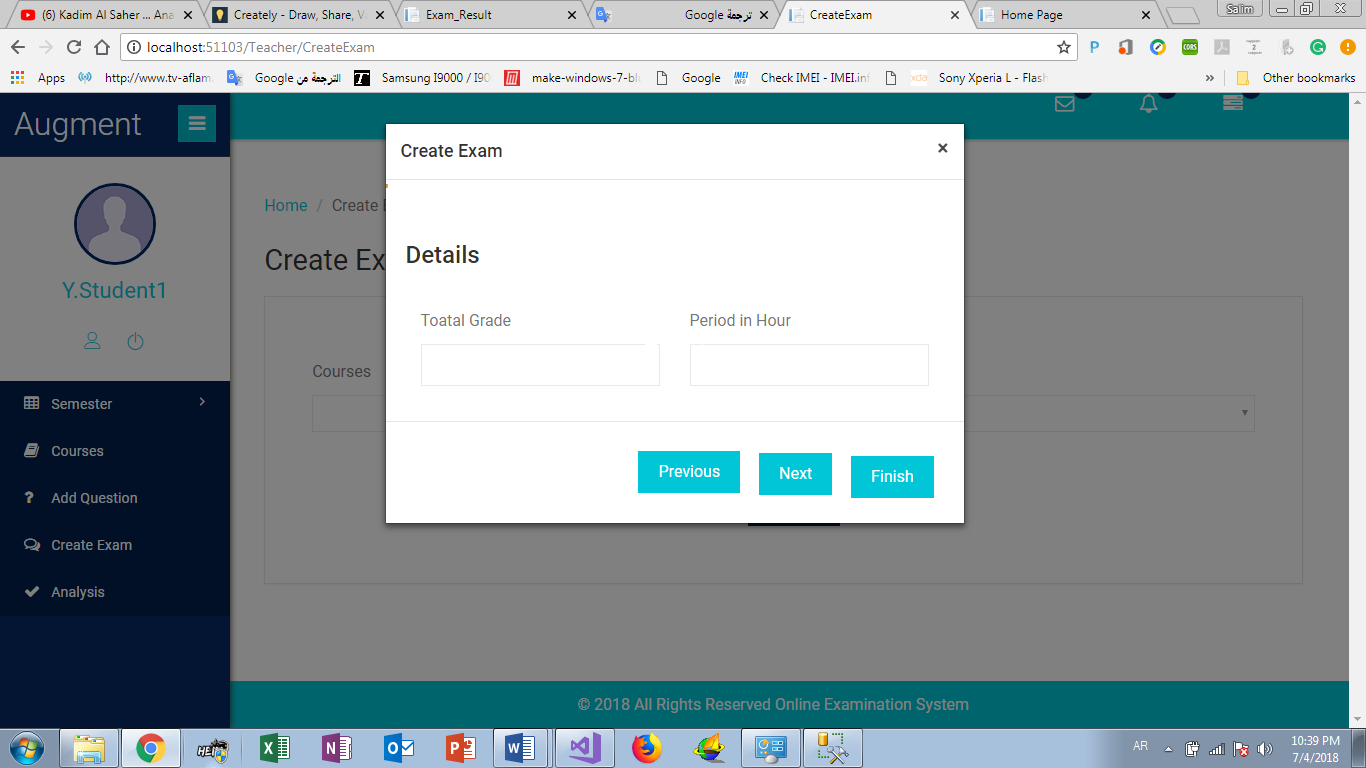
|  |  |
| --- | --- |
| Actor | System |
| Click”Create Exam” |  |
| select course |  |
| Insert Exam total Grade |  |
| Insert Exam period |  |
| Select Exam topic |  |
| Select exam thinking skills |  |
| Select Exam difficulty |  |
| Click”finash” |  |
| making sure the information is good |  |
| Click”Generate” |  |
|  | Request for create exam |
|  | Show “success” |

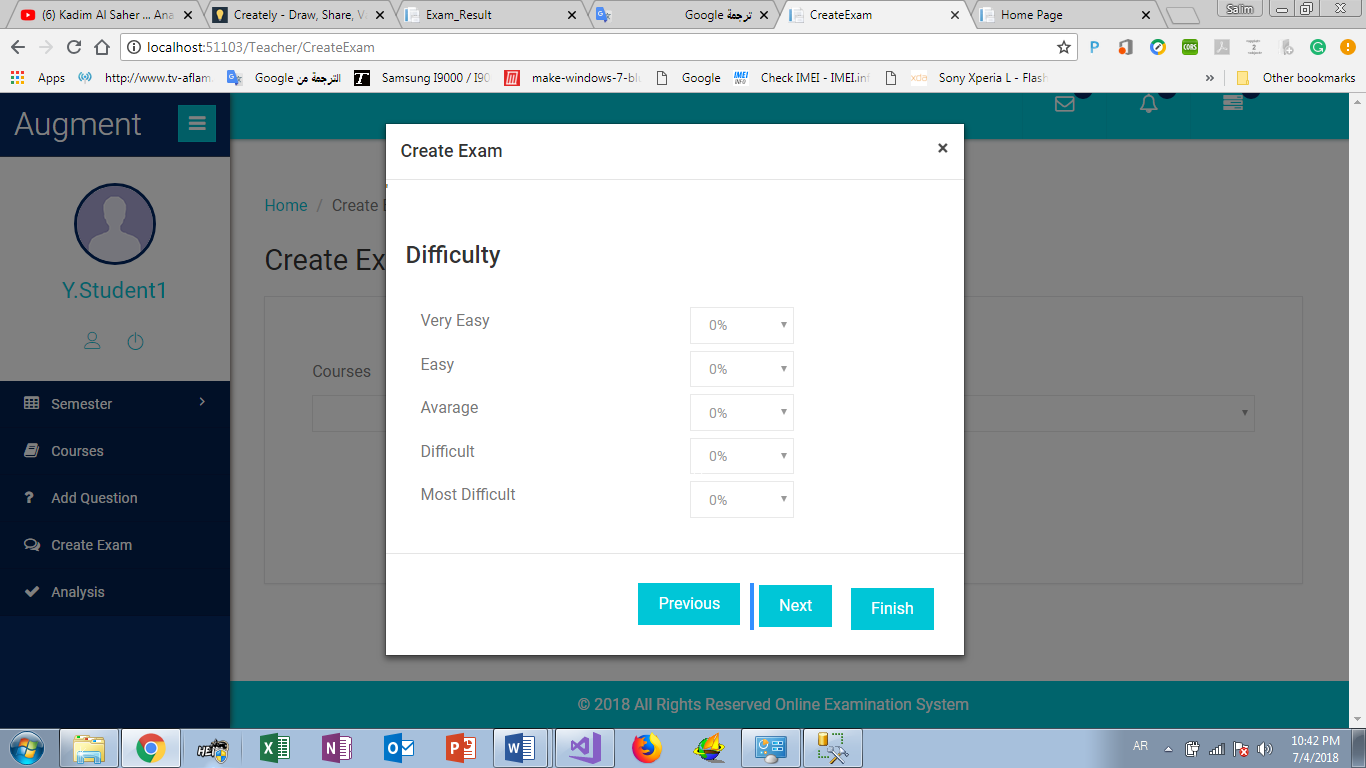
Critical scenario:

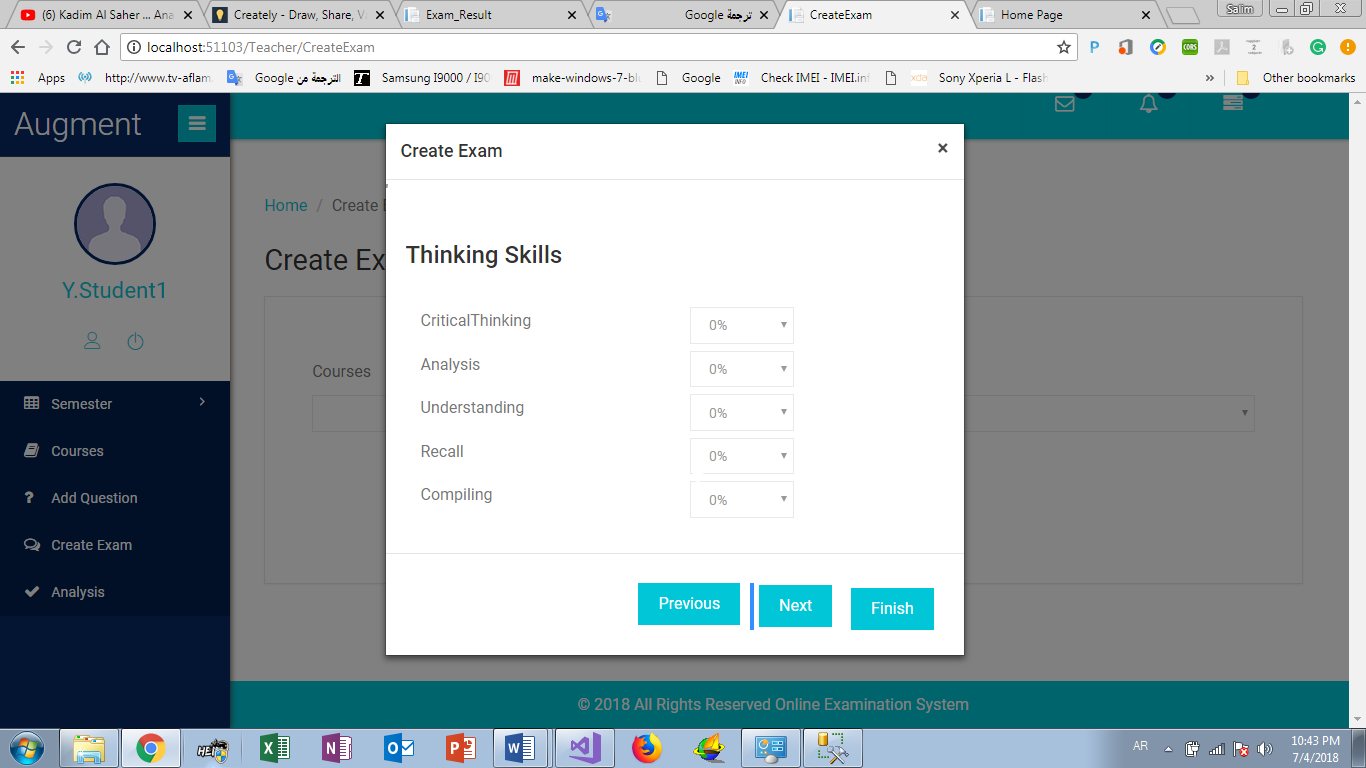
Error in Exam information

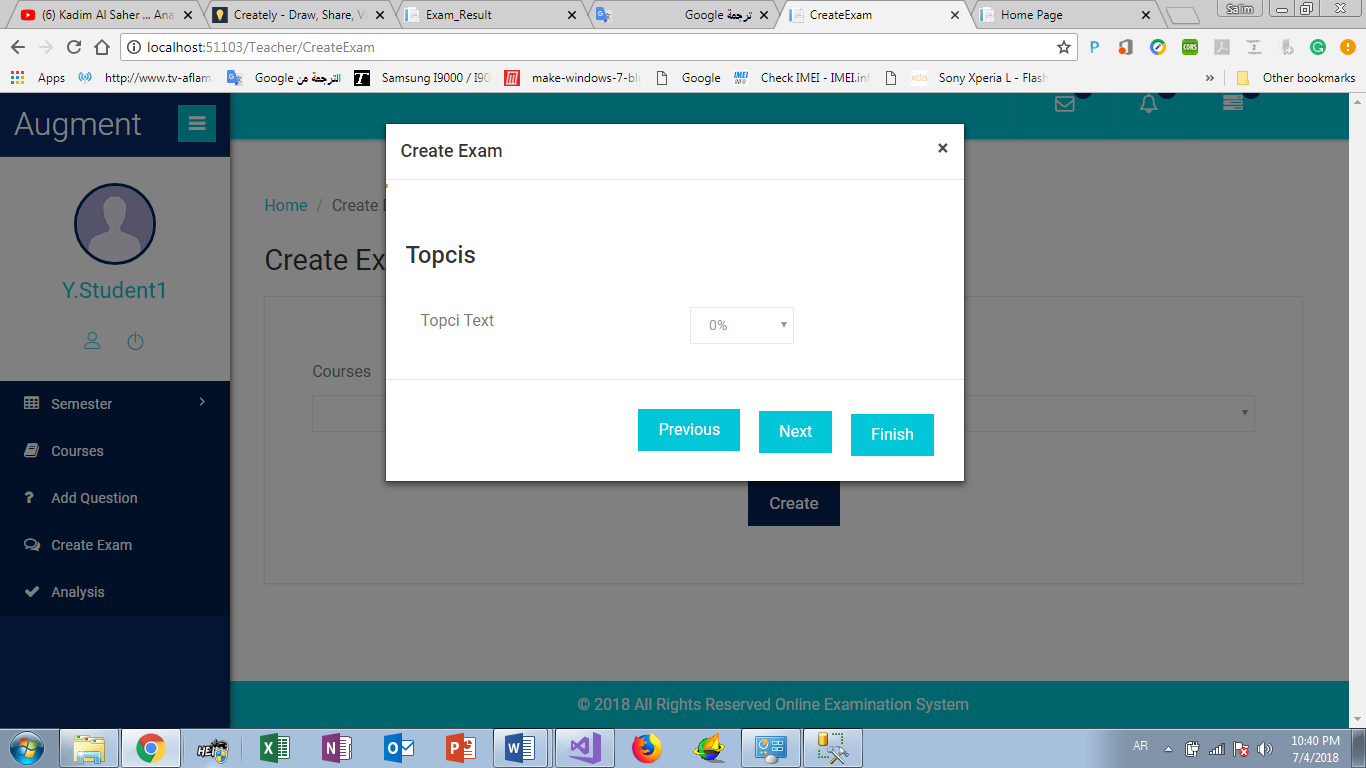
User interface prototype:











Course Analysis (UC-B6)

Actors: Teacher.

Brief description: This use case describes how Teacher can get information about his courses

Pre-conditions: Log in as Teacher.

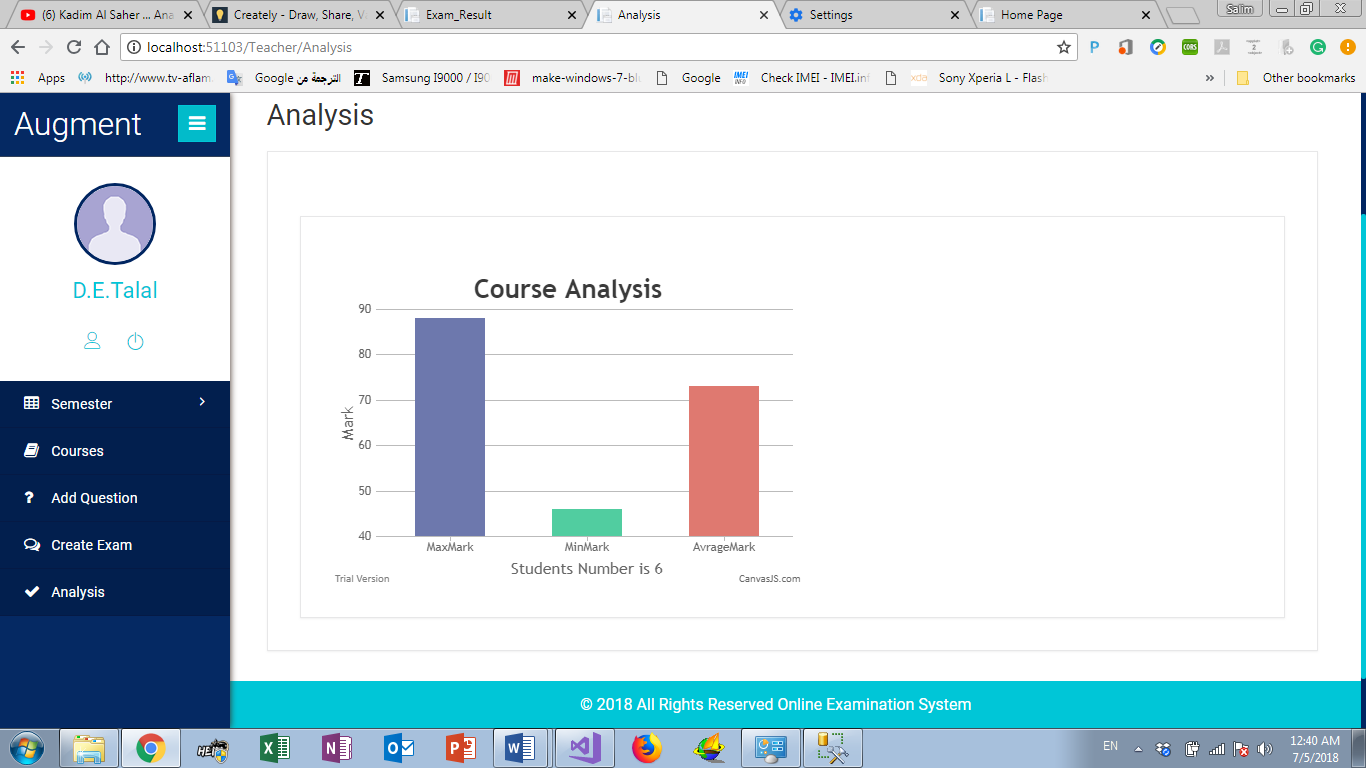
Post-condition: Teacher get information about his courses like max mark, min mark and average mark

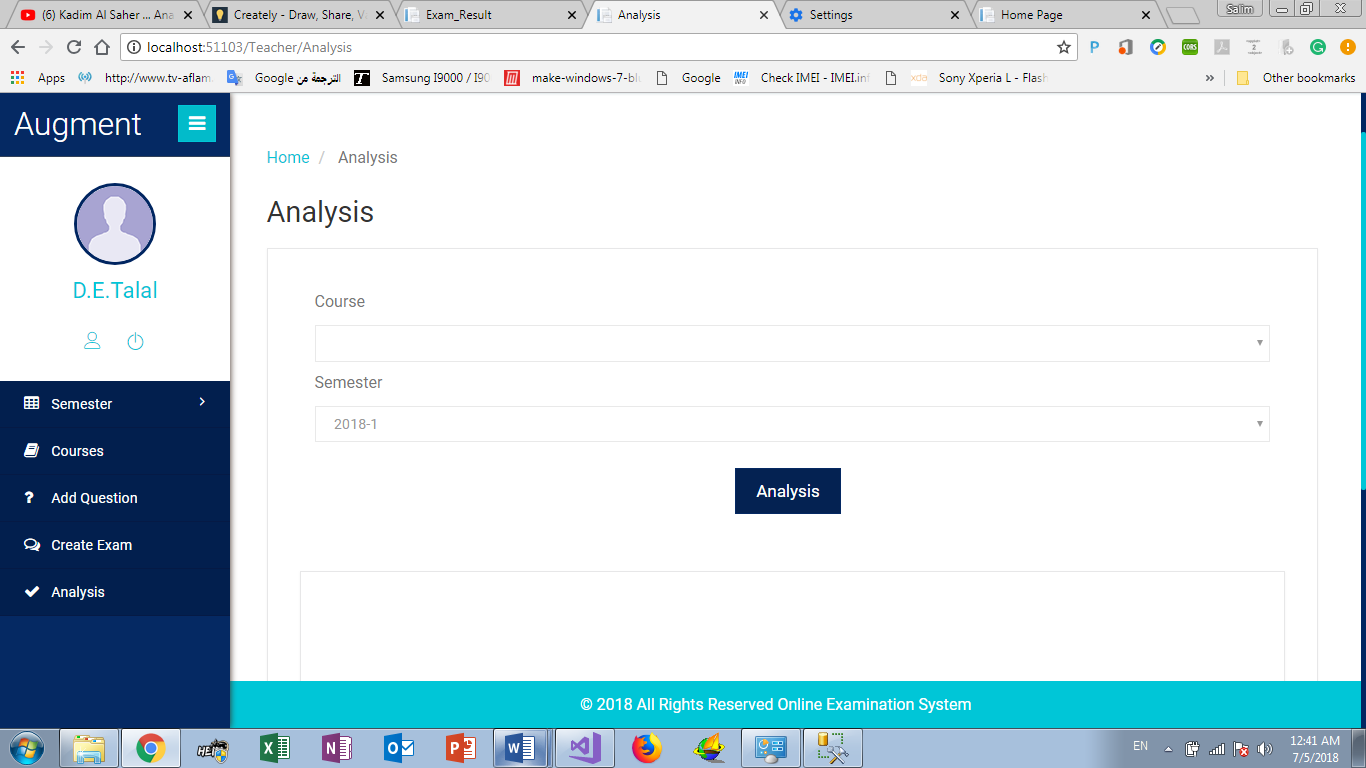
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click “Analysis” |  |
| Select Semester |  |
| 3. Select Course | 2.Request for get Course Information. |
|  | 3.show chart about course information. |

Critical scenario:

No information about course

 User interface prototype:



Add User (UC-B7)

Actors: Admin.

Brief description: This use case describes how Admin can add new user (Teacher or Student or Admin)

Pre-conditions: Log in as Admin.

Post-condition: add user information’s, and send username and password in email to user, after that he can login the system

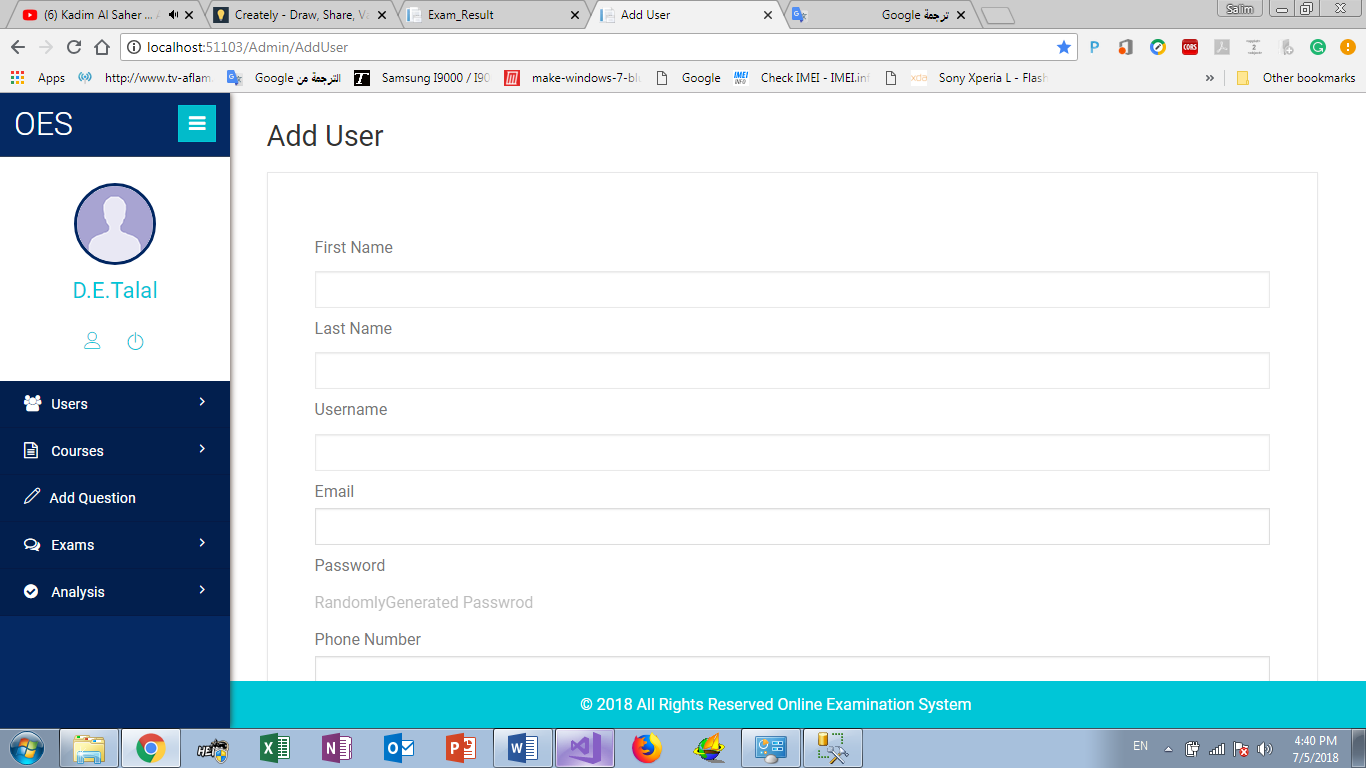
Flow of event:

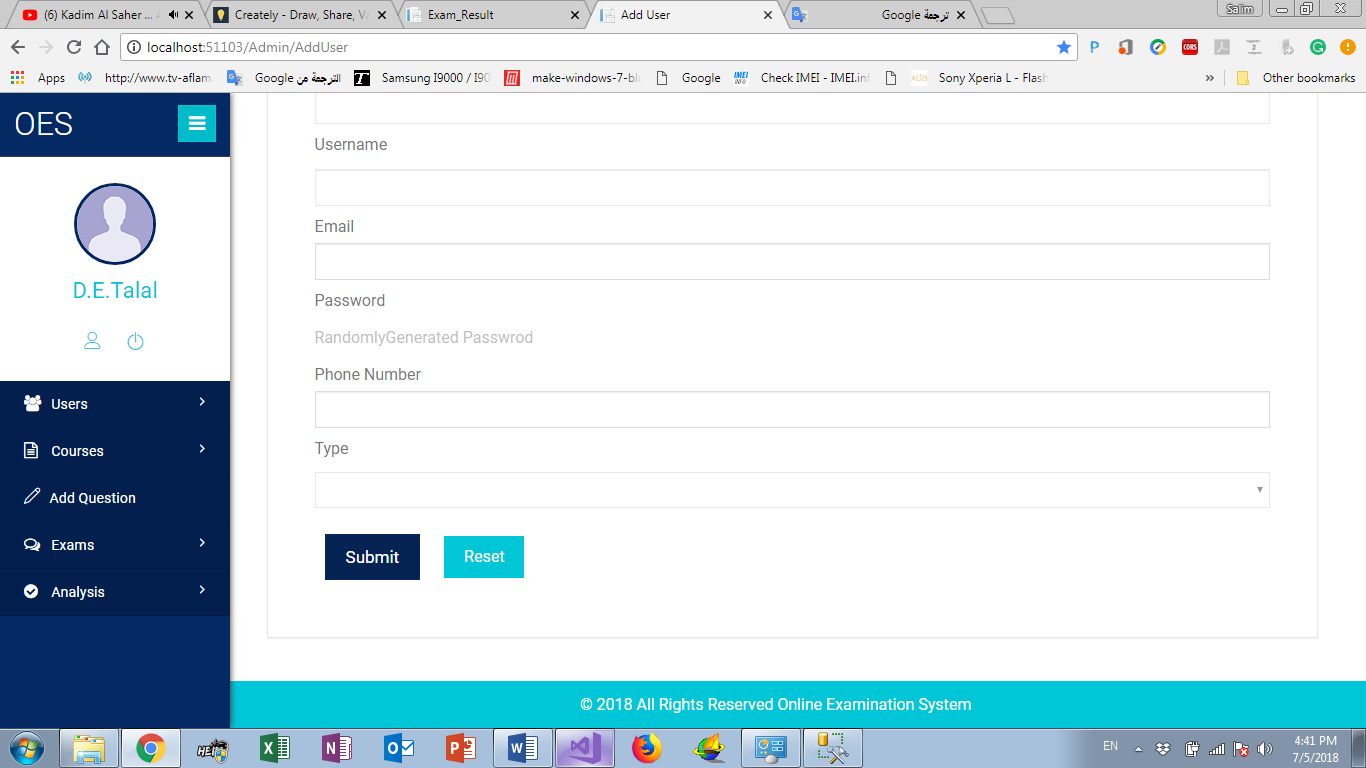
|  |  |
| --- | --- |
| Actor | System |
| Click “Add User” |  |
| Add user information |  |
| Click” Add” | Generate random password |
|  | check the information and request for add new user . |
|  | show “success” |

Critical scenario:

error in user information

User interface prototype:





Add New Course (UC-B8)

Actors: Admin.

Brief description: This use case describes how Admin can add new course with his ILOS

Pre-conditions: Login as Admin.

Post-condition: add new course to university courses with his Intended Learning Outcomes (ILOS)

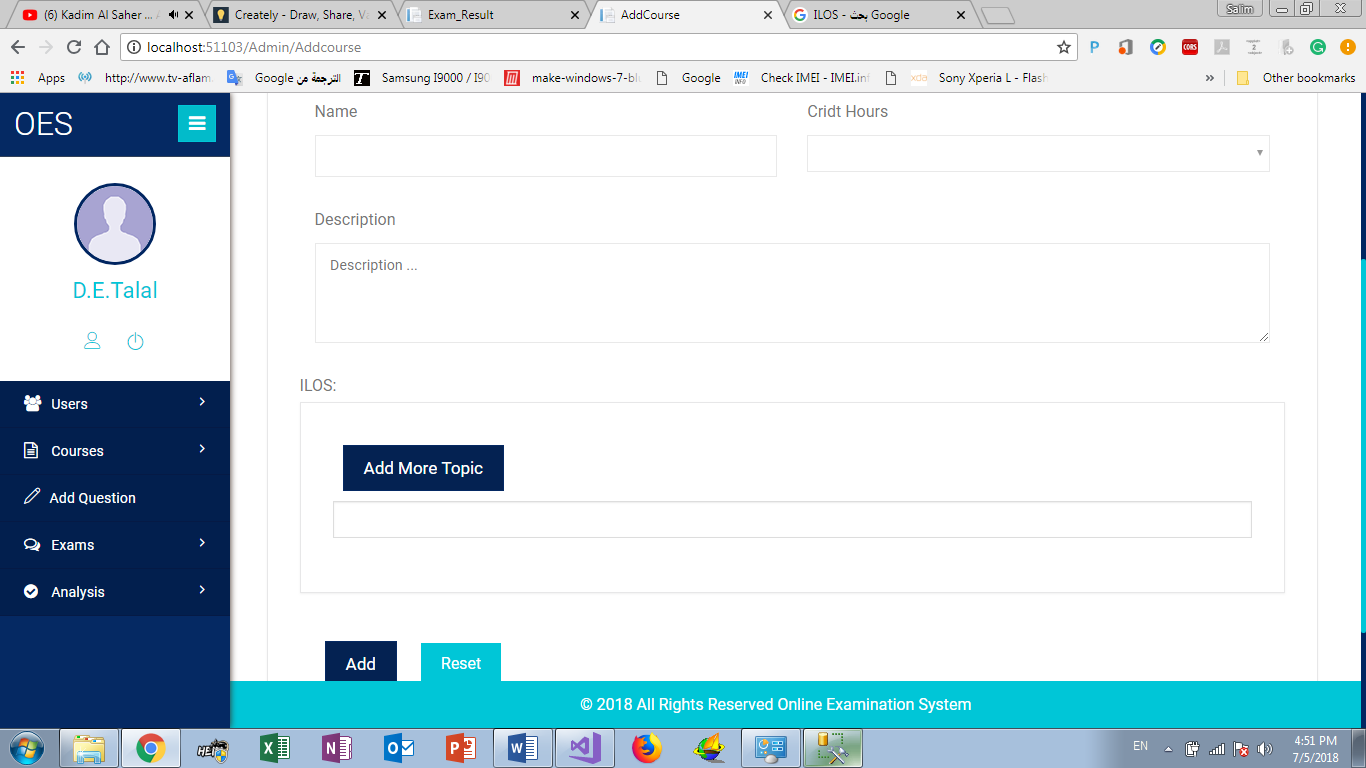
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click “Add Course” |  |
| Add Course information and ILOS |  |
| Click” Add” | check the information and request for add new user. |
|  | show “success” |
|  |  |

Critical scenario:

error in Course information’s

User interface prototype:



Course statistics (UC-B9)

Actors: Admin.

Brief description: This use case describes how Admin can get students marks in course

Pre-conditions: Login as Admin.

Post-condition: get students marks and show the mark in chart

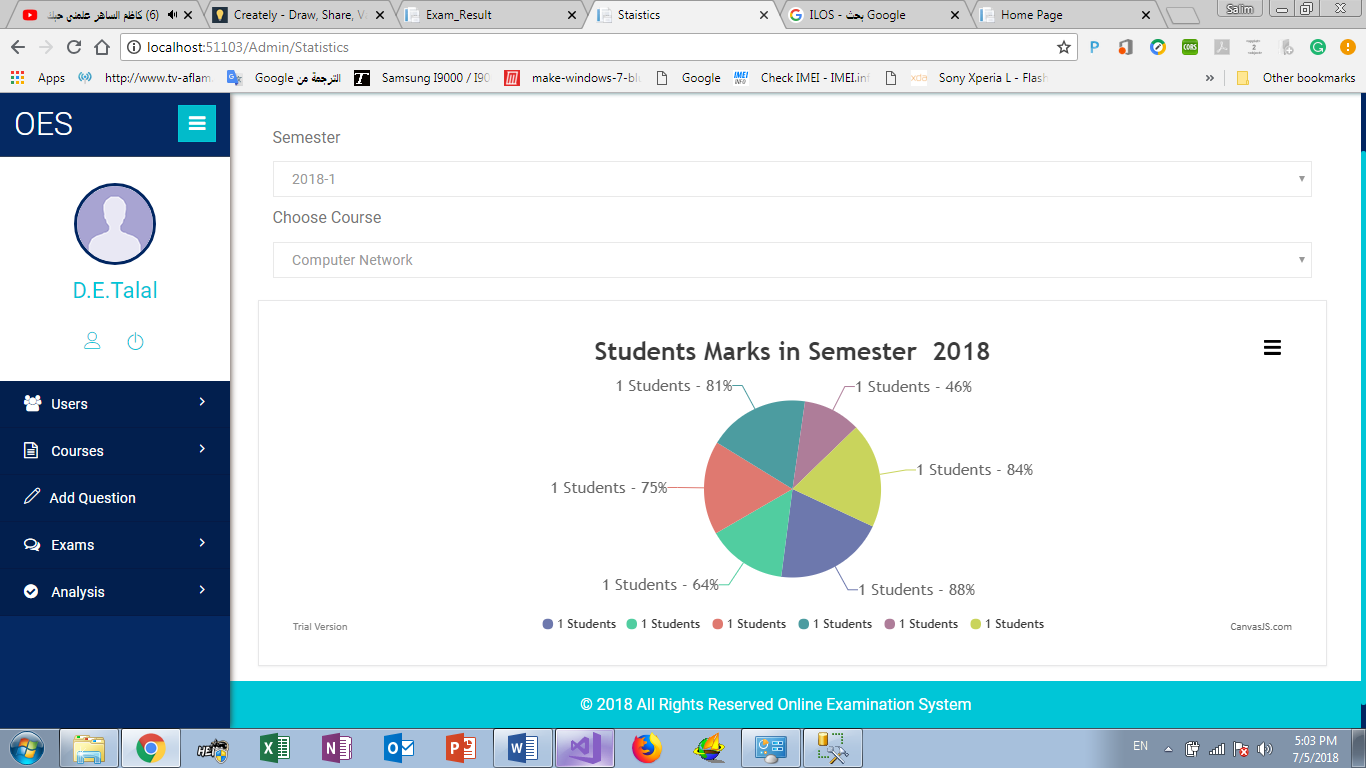
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click “course statistics” |  |
| Select Course |  |
| Select semester |  |
|  | check the information and request for get students mark |
|  | show “Student mark in chart” |

Critical scenario:

no students mark.

User interface prototype:



Course statistics (UC-B10)

Actors: Admin.

Brief description: This use case describes how Admin can add new Exam

Pre-conditions: Login as Admin.

Post-condition: add new exam

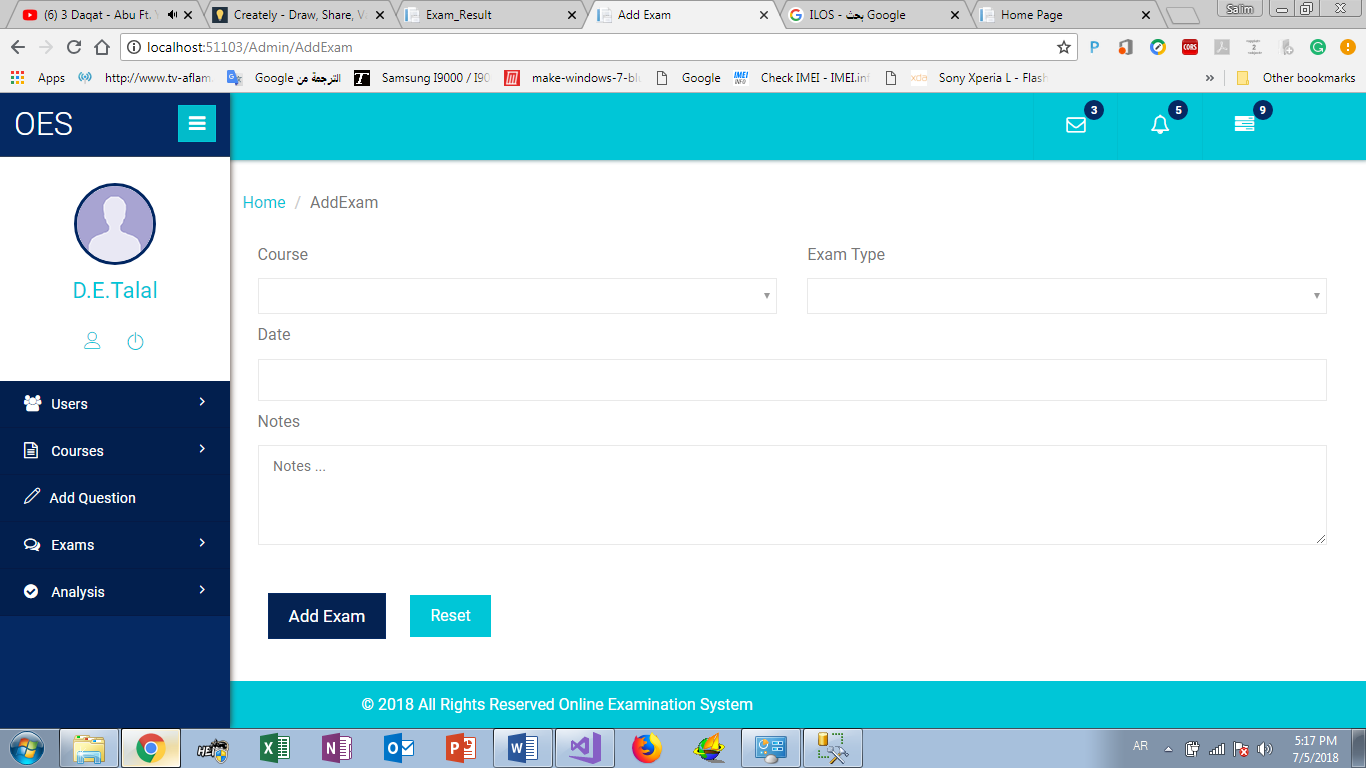
Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click “Add Exam” |  |
| Select Course |  |
| Select Exam Type |  |
| Add Exam information | check the information and request for get add new exam |
|  | show “Success” |

Critical scenario:

Exam added by another Admin

User interface prototype:



Exam Analysis (UC-B11)

Actors: Admin.

Brief description: This use case describes how Admin can Analysis any Exam

Pre-conditions: Login as Admin.

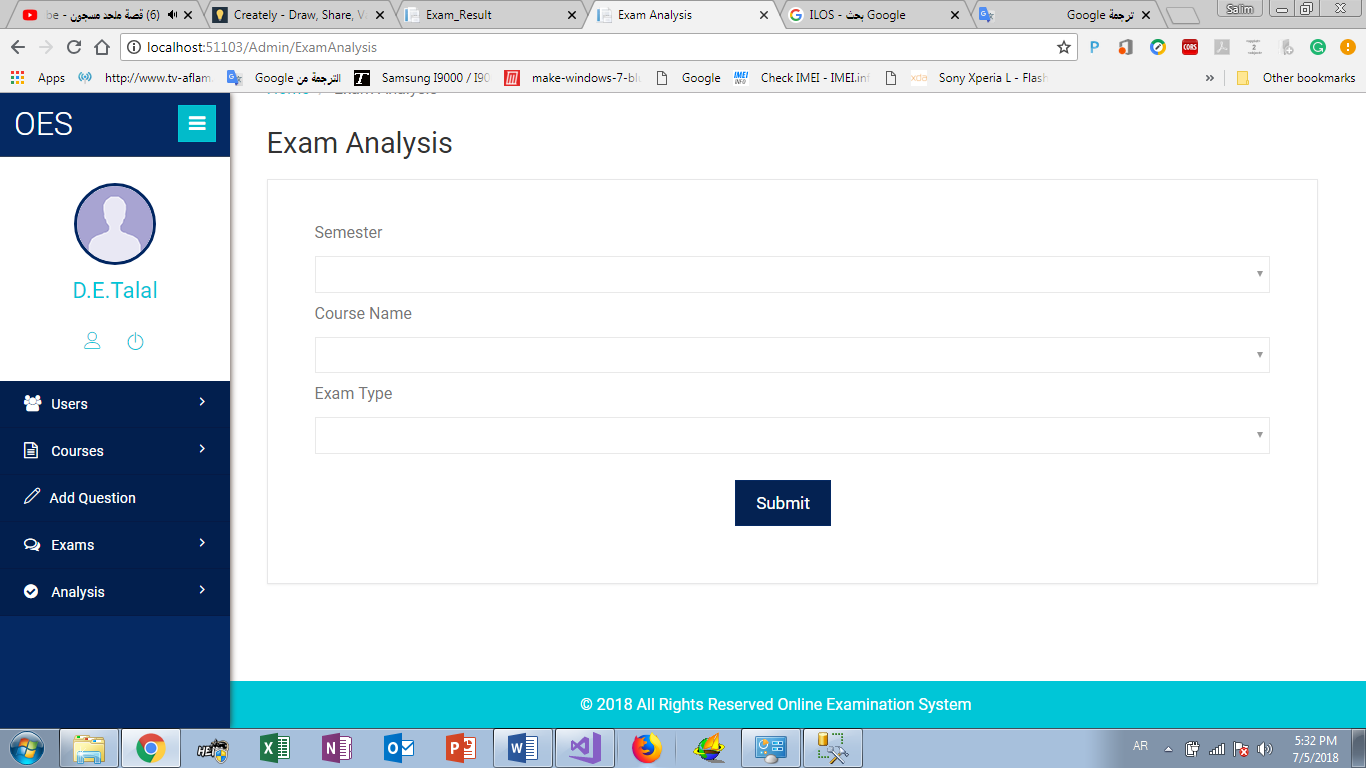
Post-condition: get information about Exam like ILOS,Topic, success percentage ….

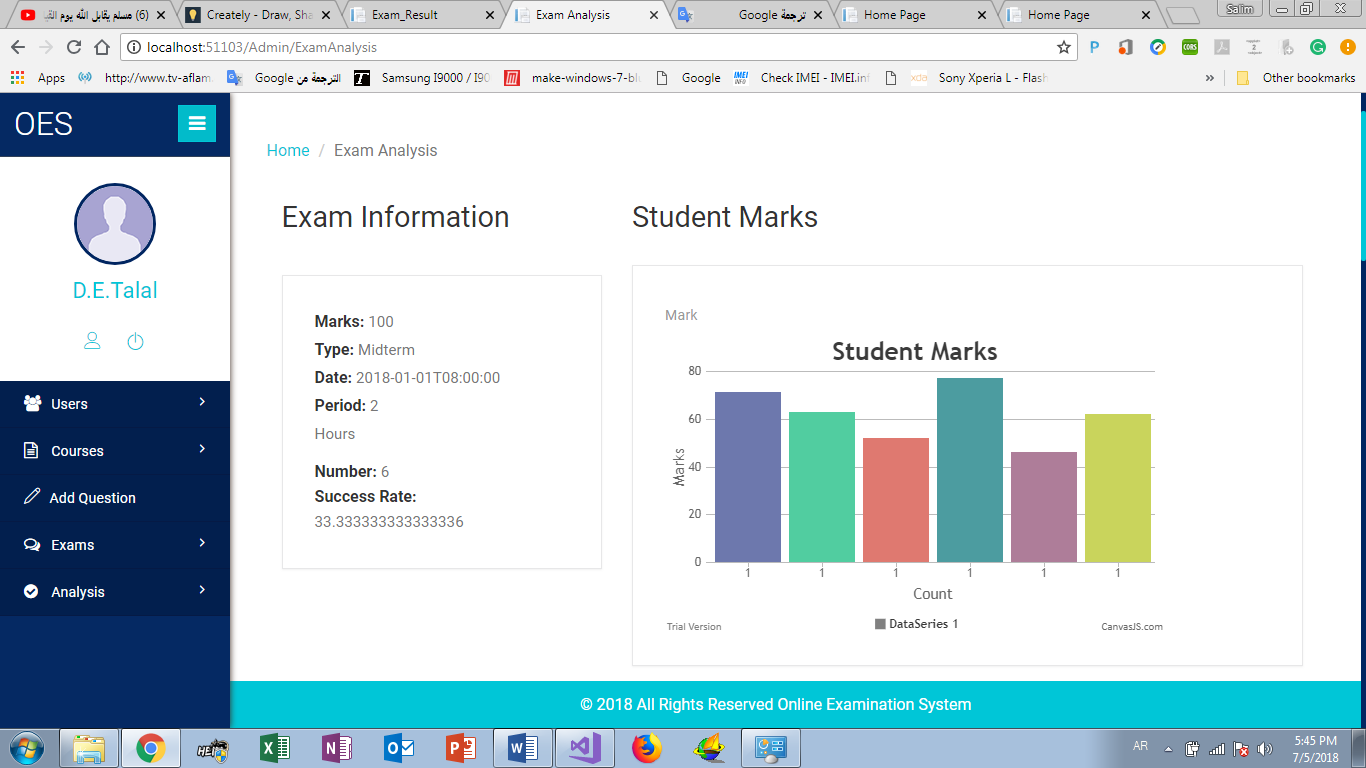
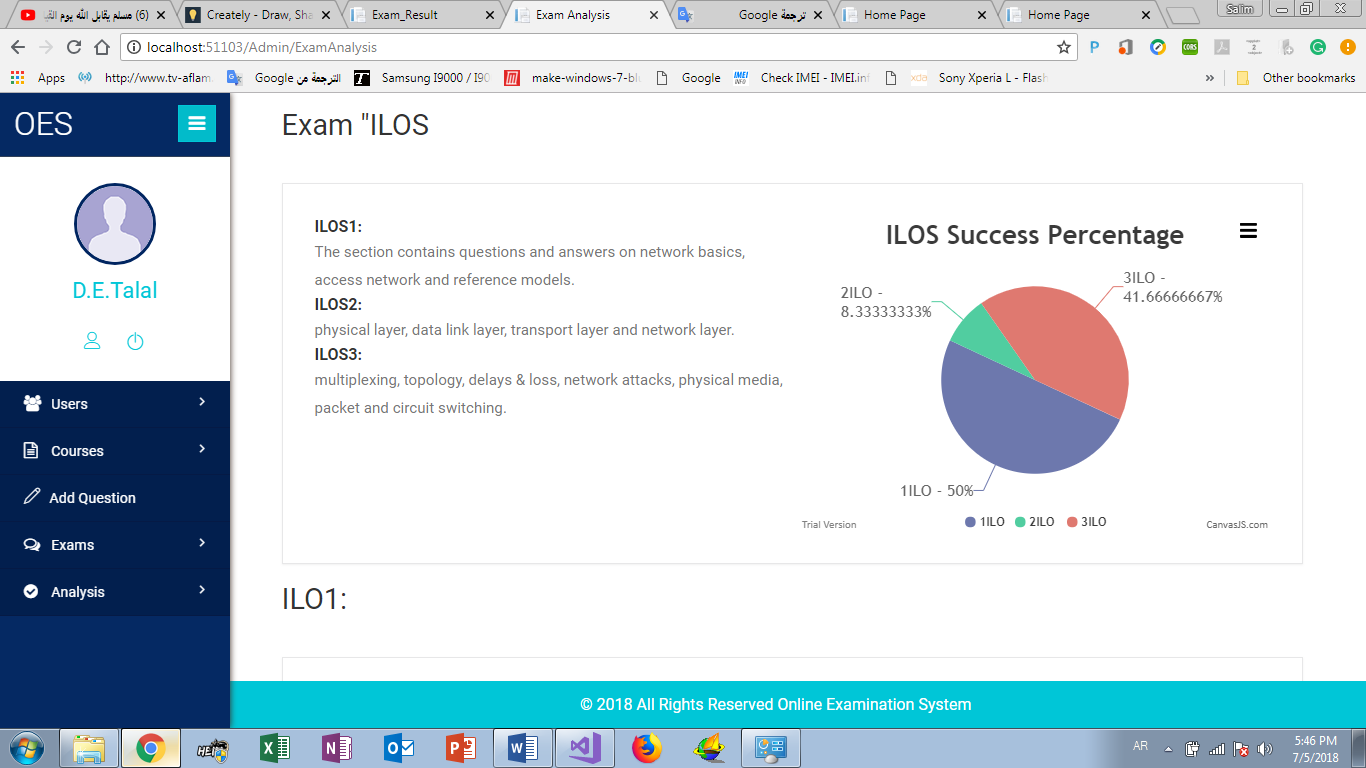
Flow of event:

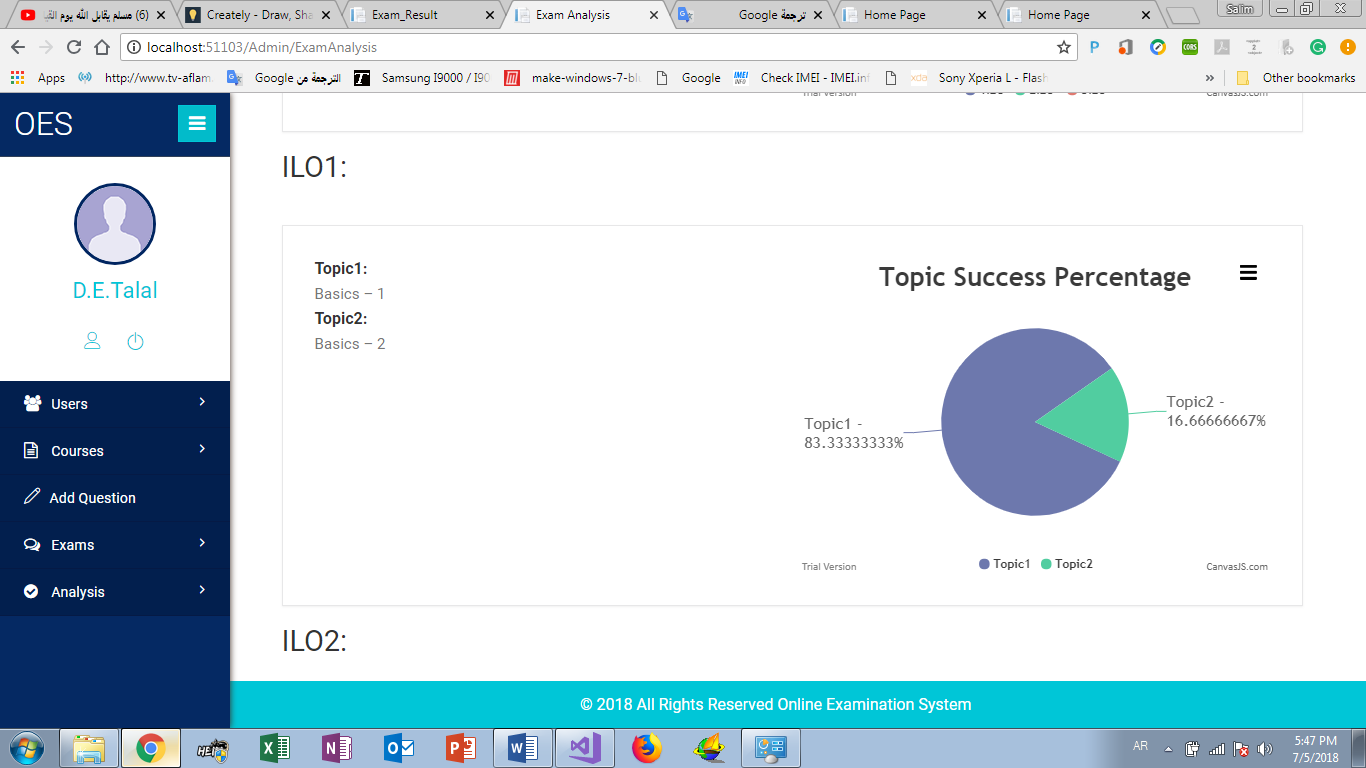
|  |  |
| --- | --- |
| Actor | System |
| Click “Exam Analysis” |  |
| Select Course and semester |  |
| Select Exam Type |  |
| Click “Analysis” |  |
|  | check the information and request for get Exam information’s |
|  | show “Exam information’s” |

Critical scenario:

Not the exam time

 User interface prototype:





Exam Analysis (UC-B12)

Actors: Admin.

Brief description: This use case describes how Admin can Analysis any Course

Pre-conditions: Login as Admin.

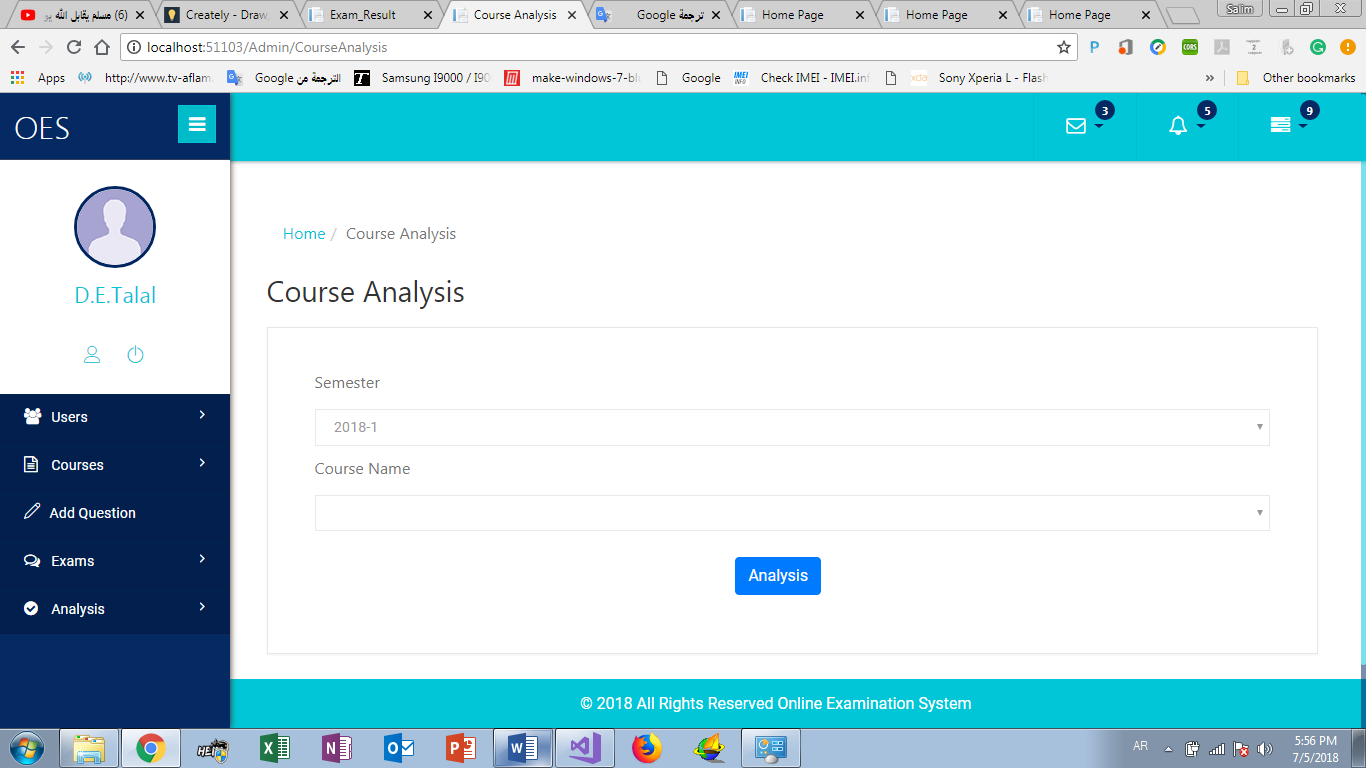
Post-condition: get information about Exam like Course like Marks, percentage ….

Flow of event:

|  |  |
| --- | --- |
| Actor | System |
| Click “Course Analysis” |  |
| Select semester |  |
| Select Course |  |
| Click “Analysis” |  |
|  | check the information and request for get Course information’s |
|  | show “Course information’s” |

Critical scenario:

No information about Course

 User interface prototype:

