Use-case Description:

Coordinator:

1)Login:

Use-case:Login

Purpose: Getting access to the account.

Actors:Teacher

Precondition: The Coordinator need to have an account in the IITBombayX.

Basic Flow:

1. The coordinator need to type his email-Id and password and click on 'Login button'.
2. After clicking on Login button,the coordinator is directed to the dashboard.

Exception Flow:

1. If the coordinator enters the invalid email-Id or password,there will be a message saying “Invalid email-Id or password”.
2. If the coordinator by enter the email-Id or password but he does not have an existing account ,there will be a message saying “Account of the email-Id does not exists ”. The user will be prompted with the option of registering himself on the website.

Postcondition: The coordinator will get access to the dashboard.

2)Registration:

Use-case:Registration

Purpose: Profile of the teacher is created for accessing the system

Actors:Teacher

Precondition: None

Basic Flow:

1. The coordinator accesses the IITBombayX website, and clicks on 'Create Account' link.
2. He is presented with a page which asks him to fill up his personal details. These fields include mandatory and not mandatory fields.
3. Once he has successfully filled in the details, he clicks on Submit button, and receives a confirmation mail, containing a link to activate his account. This link is valid for only a limited period of time.
4. Once he activates his account, the user account is successfully created, and the user can go on to access the services of the platform.

Exception Flow:

* The coordinator does not fill the mandatory fields, or fills the fields with incorrect or inappropriate values.

1. Then the submit button will not be activated, and the validation script running on the front end will highlight the corresponding fields.
2. A corresponding error text will tell the user what the error is:
   1. If the field is not filled, it says - “Please fill the mandatory field”
   2. If a numeric field is filled with text data, it says - “Please input correct data”.
   3. If the password is not strong, then it highlights the field, saying that 'The password is not strong', together with the required specifications for the passwords.

The 'repeat password' field does not match the 'input password' field, then it clears the fields, and highlights both the fields, saying 'The passwords do not match'. He needs retype the password.

3)Issue Notices:

Use-case:Issue Notices

Purpose:The Teacher will issue notices for the students about the enrollment reminders and QUiz

Actors:Teacher

Precondition: The coordinator should have logged in to the system. He should be aware of the courses alloted to him.

Basic Flow:

1. The coordinator need to login into the system,by clicking the “ Login button”.
2. He need to look for the different issues considering the enrollment reminders for the students.
3. He will then send a mail to all the students he has got allocated for.

Exception Flow:

1. If the coordinator fails to send the enrollment reminders on time either to all the students or to few of them,the students will not be able to get there schedule.

Postcondition: The Coordinator have successfully issued the notices to the students.

4)Access to student reports:

Use-case:Access to student reports

Purpose:To get the student details and the student performance reports.

Actors:Teacher

Precondition: The coordinator have successfully issued the notices to all the students regarding different quizzes and the students have appeared for the quizzes held in the IITBombayX.

Basic Flow:

1. The coordinator need to inform the students about the different Quizzes held.
2. After the quizzes have taken place successfully,the coordinator ask for the students report which consists of students performance reports.
3. The coordinator can also ask for the students personal details.

Exception Flow:

1. The coordinator might have not got the proper performance report of the individual students.

Postcondition: The coordinator had access the student report successfully.

Director:

1)Registration:

Use-case:Registration

Purpose: Profile of the director is created for accessing the system

Actors:Teacher

Precondition: None

Basic Flow:

1. The director accesses the IITBombayX website, and clicks on 'Create Account' link.
2. He is presented with a page which asks him to fill up his personal details. These fields include mandatory and not mandatory fields.
3. Once he has successfully filled in the details, he clicks on Submit button, and receives a confirmation mail, containing a link to activate his account. This link is valid for only a limited period of time.
4. Once he activates his account, the user account is successfully created, and the user can go on to access the services of the platform.

Exception Flow:

* The director does not fill the mandatory fields, or fills the fields with incorrect or inappropriate values.
* Then the submit button will not be activated, and the validation script running on the front end will highlight the corresponding fields.

1. A corresponding error text will tell the user what the error is:
   1. If the field is not filled, it says - “Please fill the mandatory field”
   2. If a numeric field is filled with text data, it says - “Please input correct data”.
   3. If the password is not strong, then it highlights the field, saying that 'The password is not strong', together with the required specifications for the passwords.

The 'repeat password' field does not match the 'input password' field, then it clears the fields, and highlights both the fields, saying 'The passwords do not match'. He needs retype the password.

2)Login:

Use-case:Login

Purpose: Getting access to the account.

Actors:Head of Institute

Precondition: The director need to have an account in the IITBombayX.

1. Basic Flow: The coordinator need to type his email-Id and password and click on 'Login button'.
2. After clicking on Login button,the director is directed to the dashboard.

Exception Flow:

1. If the director enters the invalid email-Id or password,there will be a message saying “Invalid email-Id or password”.

Postcondition: The director will get access to the dashboard.

3)Assign Courses to teacher:

Use-case:Assign Courses to teacher

Purpose:To distinguish between the allotment of different courses to different Teachers

Actors:Head of Institute

Precondition: The director here can change the courses.

Basic Flow:

Exception Flow:

Postcondition: The director have successfully assignes the courses to the teacher.

4)Accessing and downloading performance reports:

Use-case:Accessing and downloading performance reports

Purpose:To get a report of all the students or the course wise report of the student

Actors:Head of Institute

Precondition: Director need to have a performace reports of either all the student or the particular student he wants.He should also be able to the access the course wise reports of all he individual students.

Basic Flow:

Exception Flow:

Postcondition: Accessing and downloading performance reports ,was successfully done by the director.

5)Register the institutes:

Use-case:Register the institutes

Purpose:

Actors:Head of Institute,Admin

Precondition: The institute should send a request to the director for the registsration of his institute into the IITBombayX.

Basic Flow:

Exception Flow:

Postcondition: Director have successfully register the institutes.

Admin (IITBombayX):

1)Login:

Use-case:Login

Purpose: Getting access to the account.

Actors:Ad min

Precondition: The Ad min need to have an account in the IITBombayX.

Basic Flow:

1. The Ad min need to type his email-Id and password and click on 'Login button'.
2. After clicking on Login button,the coordinator is directed to the dashboard.

Exception Flow:

1. If the Ad min enters the invalid email-Id or password,there will be a message saying “Invalid email-Id or password”.

Postcondition: The Ad min will get access to the dashboard.

2)Add Institute:

Use-case:Add Institute

Purpose: The ad min can get different request of the institute, to associate them with IITBombayX.

Actors:Ad min

Precondition: There should be a proper description and a proper details of the institute who all have requested to get associated with the IITBombayX.

Basic Flow:

1. The institute need to feel the proper details of there institute.
2. The institute should mention the reasons,for why he need to get associated with the IITBombayX.
3. If the Ad min finds the proper detail of the institute,he will accept his request.
4. Finally the institute will get added up with the IITBombayX.

Exception Flow:

Postcondition: The admin had successfully added the Institute which wants to get associated with the IITBombayX

3)Remove Institute:

Use-case:Remove Institute

Purpose: The ad min can delete the institute associated with IITBombayX,if some problem occurs for a particular reason.

Actors:Admin

Precondition: The admin need to have a watch on all the institute,he is associated with.

Basic Flow:

1. The admin need to login into the system.
2. He needs to check about the performance of the different institute he is associated with.
3. If there is some internal problem with some institute,admin have the authority to remove the the institute from the IIBombayX.

Exception Flow: None

Postcondition: Admin have successfully removed the institute from the IITbombayX.

4)Create Courses:

Use-case:Create Courses

Purpose: Admin can create week courses structure for the student. He can also create quizzes and upload videos for the student.

Actors:Admin

Precondition: Need to login to the system.It should create different courses by keeping it weekwise for the students.

Basic Flow:

1. The admin need to login into the system.
2. He should create different courses related to the student allotted to the each group.
3. He should inform the Head of the institute about the schedule of the courses.

Exception Flow: If the courses have been created successfully but the uploading of the courses fails.

Postcondition:Admin have successfully created the courses for the student.

5)Tasks Reports:

Use-case:Tasks Reports

Purpose:To get a schedule report or the exception report

Actors:Admin

Precondition: The admin should provide the proper task report related to the student.

Basic Flow:

1. Admin should login into the system.
2. He should make schedule reports or the exception report for the student so that the student will get aware of his performance.

Exception Flow:

1. If the admin login into the system and the reports he need to generate is not on time,there will be a delay of the whole schedule, which is to take place.

Postcondition: The task reports have been successfully given to the Head of the institute.