

# Test Plan

The Borne Collective: NKUNet

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## **UC1: View Class**

1. From the home page click on one of the user enrolled classes (forums).
2. Verify that the layout is correct and that the system displays all of the threads associated to the selected class.

## **UC2: Ask Question**

1. Open a Class (forum).
2. Click on "Submit Question".
3. Enter the title and content of the question.
4. Click "Create Post".
5. Verify that the question was added to the class.

## **UC3: Answer Question**

1. Open a Thread.
2. Click on "Submit an Answer".
3. Enter the content of question.
4. Click "Create Reply".
5. Verify that the answer was added to the thread.

## **UC4: View Thread**

1. Open a Class (forum).
2. Click on any question.
3. Verify that the questions title and content are displayed correctly.
4. Verify that the questions answers are displayed correctly (if the question has any).

## **UC5: Manage Thread**

1. Login as an Administrator.
2. Open a Thread.
3. Click the "Destroy" (found to the right of any question answer).
4. Verify that that answer was removed.

## **UC6: Manage User**

### Create User

1. Log in as an Administrator.
2. Click on "Account" ⇒ "Create User" from the menu bar.
3. Enter new user's credentials.

4. Click "Create User".
5. Select user course associations.
6. Click on "Users" from the menu bar.
7. Verify that the new user has been added to the list.

#### Delete User

1. Log in as an Administrator.
2. Click on "Users" from the menu bar.
3. Click "Delete" next to the user you wish to remove.
4. Verify that the user has been deleted from the users page.

## UC7: Manage Schedule

1. Log in as registrar or administrator.
2. Click "Users".
3. Find the user for whom to manage schedule and click "manage courses".
4. Select user course associations.
5. Verify that user can view and post in registered courses.
6. Verify that course is listed on user's schedule on their profile.

## UC8: Authenticate User

#### Happy Case:

1. Click "Log in" from the menu bar.
2. Obtain user credentials.
3. Enter email and password.
4. Click "Log in".
5. Verify that the user was logged in and redirected to the home page.

#### Sad Case:

1. Click "Log in" from the menu bar.
2. Enter illegitimate email and password
3. Click "Log in".
4. Verify that the system rejected the users login.

## UC9: Vote

1. Open a thread.
2. Upvote or downvote an answer.
3. Verify that the vote count updated appropriately.
4. Verify that a user can only vote once for each answer.
5. Verify that ONLY users have the ability to vote.

## UC10: Manage Class

### Create Course

#### Happy Case

1. Log in as registrar or administrator
2. Click "Account".
3. Click "Create Course".
4. Fill out required fields.
5. Click "Submit".
6. Verify that course has been created.

#### Sad Case

1. Required fields are missed or incorrectly filled.
2. Verify that fields are validated.

### Edit Course

#### Happy Case

1. Log in as registrar or administrator.
2. Open a course view.
3. Click on "manage course".
4. Change any desired fields.
5. Verify that information has been successfully modified for the course.

#### Sad Case

1. Required fields are missed or incorrectly filled.
2. Verify that fields are validated.

### Delete Course

1. Log in as registrar or administrator
2. Open a course view.
3. Click on "manage course".
4. Click on "delete course".
5. Verify that course has been deleted.

## UC11: View User

1. Click on a users name.
2. Verify that their profile displays the following:
  - a. User's picture
  - b. User's reputation

- c. User's Class Schedule

## **UC12: Search**

Happy Case:

1. Enter thread search criteria.
2. Verify that appropriate results are displayed.

Sad Case:

1. Enter illegitimate search criteria.
2. Verify that nothing no results are displayed.