

1. Open url of CMS
2. User enter log-in information
 - 2a. Failed or role is not admin
 - 2a.1 Number of re-tries < 4
 - 2a.2 Number of re-tries >= 4
3. Correct role
4. Admin types information of course to be Created/updated/deleted
 - 4a. Course to be updated/deleted does not exist
 - 4a.1 Unsuccessful creation/deletion operation
 - 4b. Course to be created already exists
 - 4b.1 Unsuccessful creation operation
6. Update database
7. Successful operation

