

Secure the Application

Configure access controls for restricted course content based on user groups

- An **ACL file** is uploaded and applied to the relevant data source.

The screenshot shows a code editor displaying an `ACL JSON` file named `course_USER_access_acl.json`. The file contains two main entries for S3 key prefixes:

- Entry 1:** `keyPrefix": "s3://career-coach-catalog-files-nandini/Data/Security/"`
 - aclEntries:** [
 - `"Name": "qbusiness@vocareum.com", "Type": "USER", "Access": "ALLOW"`
 - `"Name": "qbusiness_2@vocareum.com", "Type": "USER", "Access": "ALLOW"`
- Entry 2:** `keyPrefix": "s3://career-coach-catalog-files-nandini/Data/Medicine/"`
 - aclEntries:** [
 - `"Name": "qbusiness@vocareum.com", "Type": "USER", "Access": "ALLOW"`
 - `"Name": "qbusiness_2@vocareum.com", "Type": "USER", "Access": "DENY"`

Two specific entries are highlighted with red boxes and arrows pointing to them from the right side of the screen:

- An arrow points to the first entry under the `Medicine` prefix, labeled `career.coach.one user`.
- An arrow points to the second entry under the `Medicine` prefix, labeled `career.coach.two user`.

```
1 [  
2   {  
3     "keyPrefix": "s3://career-coach-catalog-files-nandini/Data/Security/",  
4     "aclEntries": [  
5       {  
6         "Name": "qbusiness@vocareum.com",  
7         "Type": "USER",  
8         "Access": "ALLOW"  
9       },  
10      {  
11        "Name": "qbusiness_2@vocareum.com",  
12        "Type": "USER",  
13        "Access": "ALLOW"  
14      }  
15    },  
16    {  
17      "keyPrefix": "s3://career-coach-catalog-files-nandini/Data/Medicine/",  
18      "aclEntries": [  
19        {  
20          "Name": "qbusiness@vocareum.com",  
21          "Type": "USER",  
22          "Access": "ALLOW"  
23        },  
24        {  
25          "Name": "qbusiness_2@vocareum.com",  
26          "Type": "USER",  
27          "Access": "DENY"  
28        }  
29      }  
30    }  
31  ]  
32 ]  
33 ]
```

Figure 1 View of ACL file

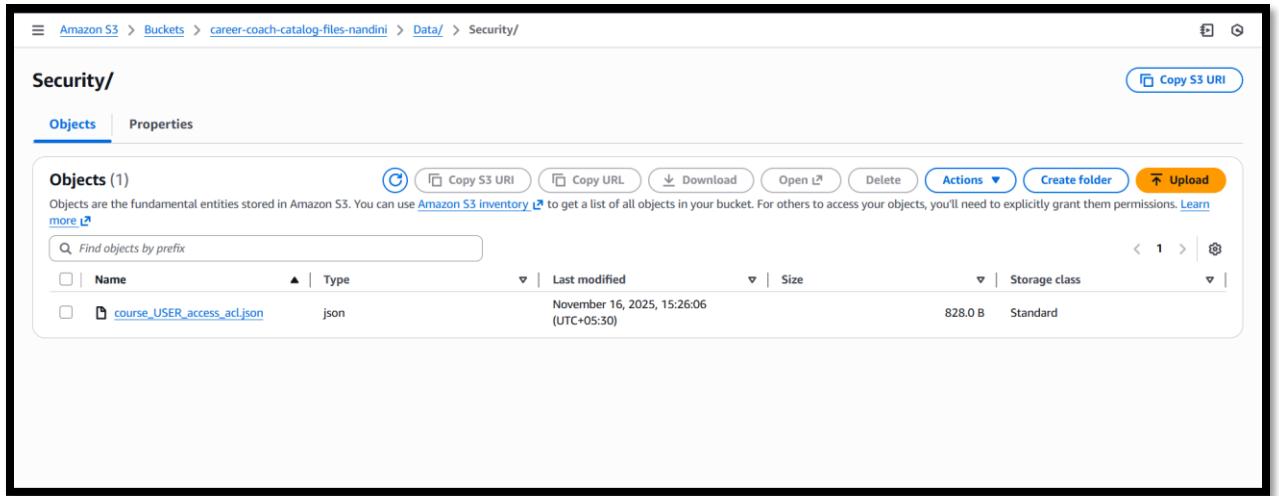


Figure 2 ACL file is uploaded to s3 bucket

Figure 3 Located the above ACL file in ACL configuration of s3 data source

- Verification shows restricted courses are visible only to approved users.

Career Coach Assistant

as per the Medicine-Course-Catalog-A.pdf what are the requirements for admission?

 Admission Requirements for Medical University of the Americas

The Medical University of the Americas (MUA) has established several educational prerequisites for admission. Applicants must complete standard pre-medical requirements including one year of general biology or zoology with laboratory component, one year of inorganic chemistry and one year of organic chemistry with laboratory component (biochemistry can substitute for organic chemistry), and one year of college-level English literature or composition. [\[1\]](#)

The application process requires several documents:

- Completed application form with personal statement
- Official transcripts from all colleges/universities attended
- MCAT official report (required for U.S. citizens, nationals, or permanent residents)
- Two letters of recommendation (at least one assessing academic ability) or a Pre-medical advisor's committee report
- TOEFL scores if applicable
- Two passport-size color photographs [\[2\]](#)

The Admissions Committee evaluates candidates based on multiple criteria including:

 Company knowledge  General knowledge 

Figure 4 Response of q chat for query when logged in as career.coach.one



REQUIRED DOCUMENTS FOR APPLYING

The following documents are required to complete the application process:

- Completed application form along with a personal statement
- Official transcript(s) sent directly from each college/university attended.
- MCAT official report (MCAT scores are required for all U.S. citizens, nationals or permanent residents).
- Two letters of recommendation (at least one should be from an individual capable of assessing the applicant's academic ability), or a Pre-medical advisor's committee report
- TOEFL scores, official report if applicable.
- Two passport-size (2" x 2"), color photographs.

Figure 5 verifying answer in pdf document at desktop

Correct Answer found

- Verification shows restricted courses are not accessible to denied users.

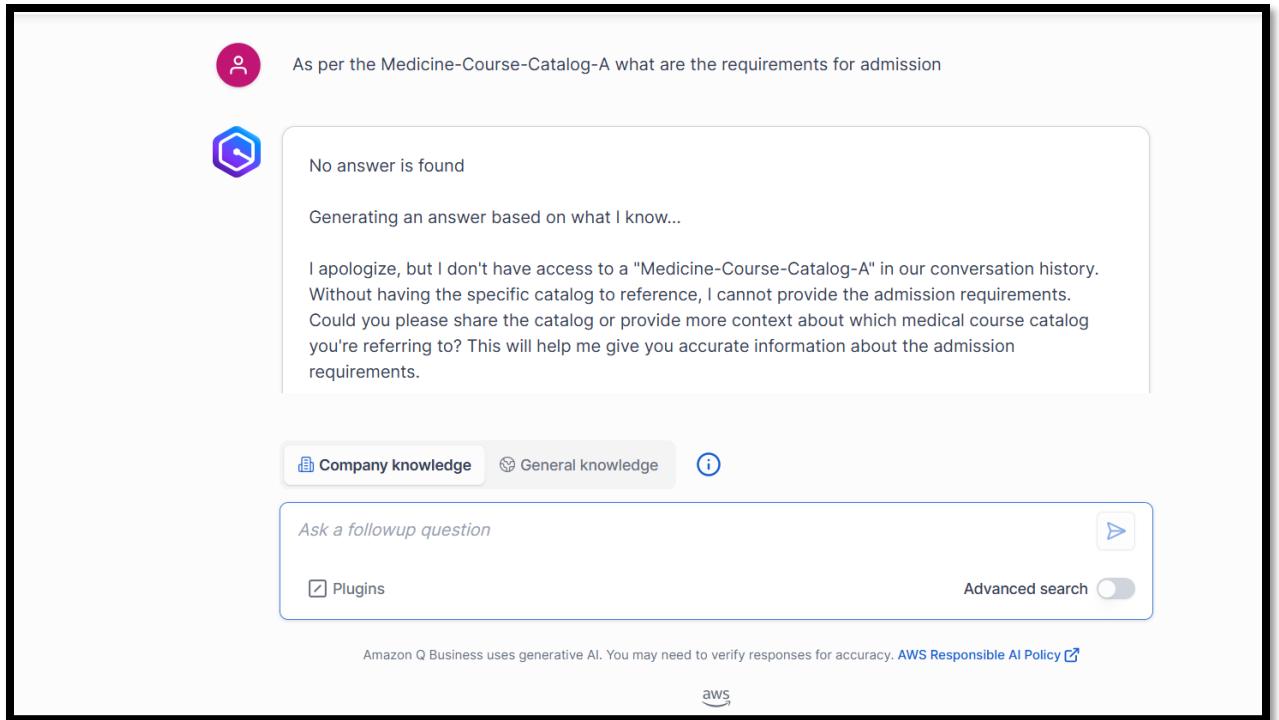


Figure 4 Response for career.coach.two user

- Screenshots of both access success and denied scenarios are included.

ACL ACCESS DEMO IN WEBAPPLICATION

Please click the above link for the video demo

Implement content moderation by defining restricted keywords.

- A Global Controls list in Amazon Q is configured to block specific keywords (e.g., Gambling, Casino).
- A screenshot of keyword blocking configuration is provided.

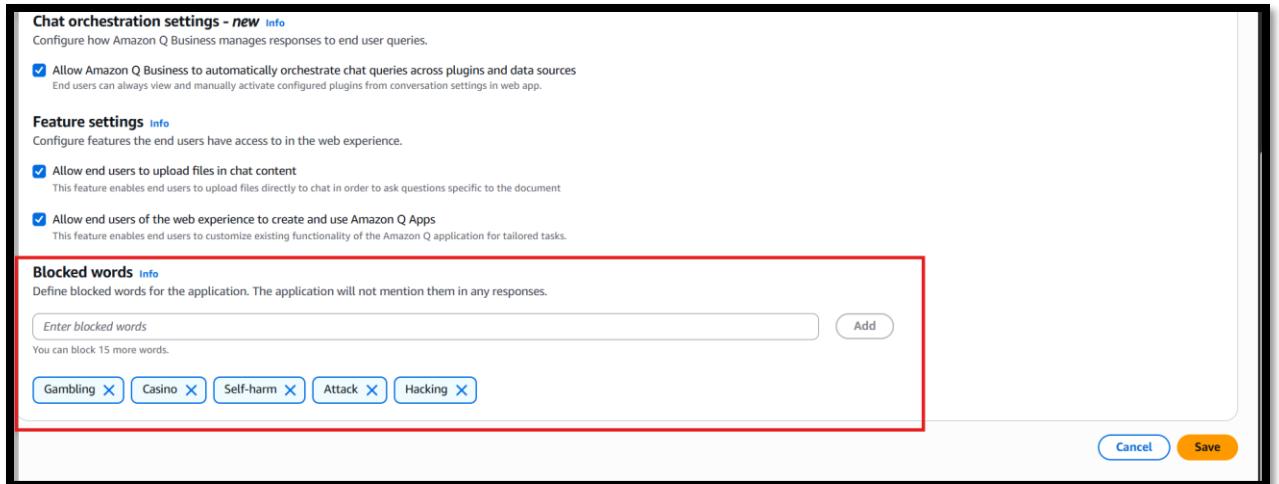


Figure 6 Configuring the Keyword blocking

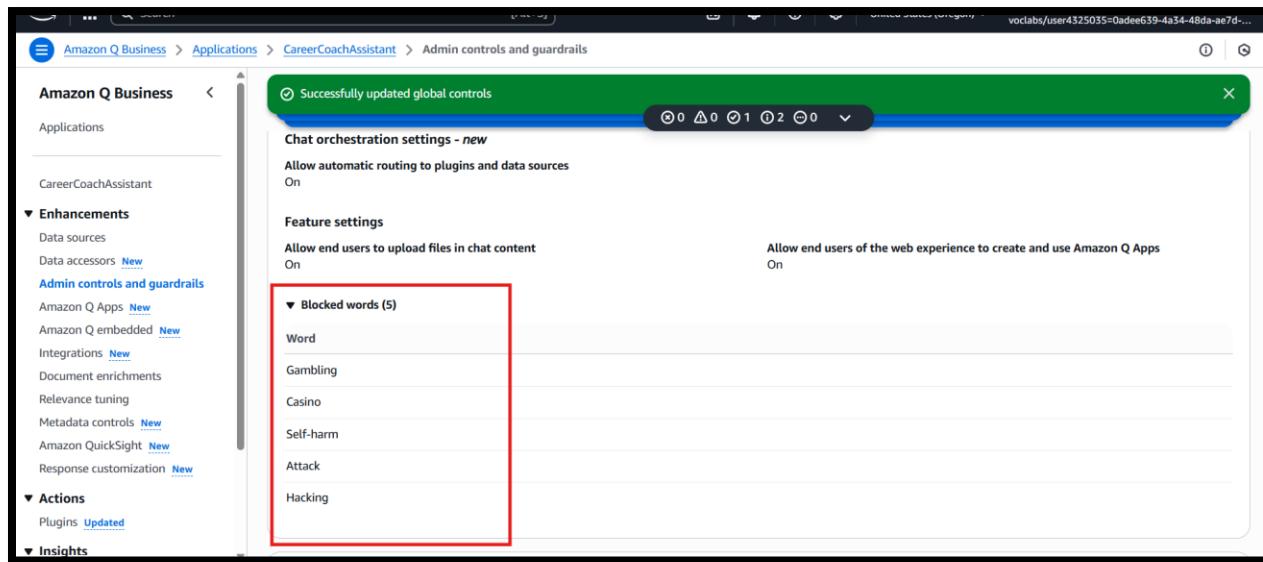


Figure 7 Screenshot of blocked keywords configuration after save