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1 | from app import db
2 |
3 | def add_new_article(title, author, doi, url, owner, tag=[]):
4 |     sql = "INSERT INTO article (title, author, doi, url, tag, created_at, owner) \
5 |         VALUES (:title, :author, :doi, :url, :tag, NOW(), :owner)"
6 |     db.session.execute(sql, {"title":title, "author":author, "doi":doi, "url":url, "tag":tag, "owner":owner})
7 |     db.session.commit()
8 |     return True
9 |
10 | def get_all():
11 |     sql = "SELECT * FROM article WHERE visible=1"
12 |     result = db.session.execute(sql)
13 |     articles = result.fetchall()
14 |     return articles
15 |
16 | def get_by_user(owner):
17 |     sql = "SELECT * FROM article WHERE visible=1 AND owner = :owner"
18 |     result = db.session.execute(sql, {"owner":owner})
19 |     articles = result.fetchall()
20 |     return articles
21 |
22 | def get_one(id):
23 |     sql = "SELECT * FROM article WHERE id=:id"
24 |     result = db.session.execute(sql, {"id":id})
25 |     article = result.fetchone()
26 |     return article
27 |
28 | def hide(item_id):
29 |     sql = "UPDATE article SET visible = 0 WHERE id=:item_id"
30 |     db.session.execute(sql, {"item_id":item_id})
31 |     db.session.commit()
32 |     return True
33 |
34 | def search(key, owner):
35 |     sql = "SELECT * FROM article WHERE (visible=1 AND owner=:owner) \
36 |         AND (title ILIKE :key OR author ILIKE :key OR :key_tag = ANY(tag))"
37 |     result = db.session.execute(sql, {"owner":owner, "key": "%" + key + "%", "key_tag":key})
38 |     article = result.fetchall()
39 |     return article
40 |
41 | def update(id, attributes):
42 |     if not attributes:
43 |         return False
44 |     try:
45 |         if attributes["resource_id_type"] == "doi":
46 |             url = ""
47 |             doi = attributes["resource_id"]
48 |         else:
49 |             doi = ""
50 |             url = attributes["resource_id"]
51 |             tag = attributes["tag"]
52 |             tag = [t.strip() for t in tag.split(";")]
53 |             sql = "UPDATE article SET title=:title, author=:author, doi=:doi, url=:url, tag=:tag \
54 |                 WHERE id=:id"
55 |             db.session.execute(sql, {"title": attributes["title"],
56 |                                     "author": attributes["author"],
57 |                                     "doi": doi,
58 |                                     "url": url,
59 |                                     "tag": tag,
60 |                                     "id": id})
61 |             db.session.commit()
62 |     except:
63 |         return False
64 |     return True
```

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