

Current Code coverage: 72.476% Target: >90%

Unit tests incomplete (In progress to 100% coverage):

***apps/jobs/admin.py* (60.0%)**

To-do:

1. Test case for getting challenge name corresponding to phase in 'get_challenge_name_and_id' method of class 'SubmissionAdmin'
2. Test case for 'submit_job_to_worker' method of SubmissionAdmin class

***apps/jobs/sender.py* (76.92%)**

To-do:

1. Test case for passing an empty queue_name in function 'get_or_create_sqs_queue'
2. Test case for passing a queue_name that would cause an exception other than 'NonExistentQueue' in function 'get_or_create_sqs_queue'
3. Test case for passing an invalid challenge_id in function 'publish_submission_message'

***apps/base/utils.py* (80.0%)**

To-do:

1. Test case for 'encode_data' function
2. Test case for 'decode_data' function

***apps/jobs/serializers.py* (82.76%)**

To-do:

1. Test case for 'get_participant_team_name' method of class 'LeaderboardDataSerializer'
2. Test case for 'get_leaderboard_schema' method of class 'LeaderboardDataSerializer'
3. Test case where a participant team does not exist in 'get_participant_team_members_email_ids' & 'get_participant_team_members' methods of class 'ChallengeSubmissionManagementSerializer'
4. Test if arguments passed to the constructor of class 'CreateLeaderboardDataSerializer' are correctly being modified and passed to 'super'
5. Test case for constructor of class 'LeaderboardDataSerializer'

***evalai/urls.py* (85.71%)**

***apps/accounts/permissions.py* (87.5%)**

To-do:

1. Test case where user has not verified email ('HasVerifiedEmail' method of class HasVerifiedEmail)

apps/web/views.py (87.88%)

To-do:

1. Test case for 'home' method rendering the Home page.
2. Test case with an SMTPException while sending emails (in function 'notify_users_about_challenge')

apps/hosts/serializers.py (94.55%)

To-do:

1. Test case for a host trying to invite themselves (in 'validate_email' method of class 'InviteHostToTeamSerializer')
2. Test case where the email doesn't exist (in 'validate_email' method of class 'InviteHostToTeamSerializer')

apps/jobs/models.py (94.74%)

To-do:

1. Test case where the limit for maximum submissions per month has been reached for a challenge phase ('save' method inside class 'Submission')
2. Test case where the limit for maximum submissions per day has been reached for a challenge phase ('save' method inside class 'Submission')

apps/participants/utils.py (95.0%)

To-do:

1. Test case for - if the participant team participated in a particular challenge (has_participant_team_participated_in_challenge function)

/apps/participants/serializers.py (96.0%)

To-do:

1. Test case for when the participant tries to invite himself ('validate_email' method of class 'InviteParticipantToTeamSerializer')
2. Test case for for a non existing user invited by the participant('validate_email' method of class 'InviteParticipantToTeamSerializer')

Unit Tests required (0% coverage):

scripts/workers/submission_worker.py

apps/base/management/commands/seed.py

Files to be excluded from coverage reports (Omit in .coveragerc file):

(Will increase the coverage by upto 2.4%)

manage.py (This is just to set the environment variable - A config file for tests)

apps/challenges/apps.py (Config file)

apps/web/apps.py (Config file)

apps/jobs/apps.py (Config file)

apps/base/apps.py (Config file)

apps/analytics/apps.py (Config file)

apps/hosts/apps.py (Config file)

apps/participants/apps.py (Config file)

apps/accounts/apps.py (Config file)

evalai/wsgi.py (Config file)

settings/custom_storages.py

settings/staging.py

settings/dev.py (Settings file)