

BackEnd iSi Technology test task

(Simple chat)

We need to provide an application with 2 models:

- Thread (fields - participants, created, updated)
- Message (fields - sender, text, thread, created, is_read)

Thread can't have more than 2 participants.

1. Implement REST endpoints for:

- creation (if a thread with particular users exists - just return it.);
- removing a thread;
- retrieving the list of threads for any user;
- creation of a message and retrieving message list for the thread;
- marking the message as read;
- retrieving a number of unread messages for the user.

2. Customize Django admin.

3. Provide pagination(LimitOffsetPagination) where it is needed.

4. Protect endpoints from invalid query_params or payload.

5. Add a README.md file with a description of how to run the test task.

6. Create a dump of a database to load test data.

7. Give access to the project in the GIT repository. (Public Access)

Requirements:

- Django, DRF

- authentication Simple JWT or Django Token;
- database – SQLite