### **Architecture Breakers:**

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# **User Authentication:**

- 1. Verify if the user that has registered is able to login with his valid credentials
- 2. Verify that if user enters wrong credentials, he should not be able to login

# **User Authorization:**

- 1. Verify that if the user is of type 'Author' he is able to submit papers in the application
- 2. Verify that is the user is of type 'PCM' he is able to review the papers in the application
- 3. Verify that if the user is of type 'PCC' he can assign the papers to other users for reading.
- 4. Verify that if the user is of type 'Admin', he can change the user type for other users.

## Session Authentication:

- 1. Verify that the session which is created when a new user logs in every time.
- 2. Verify that the session has the same id as that of the user email id.
- 3. Verify that when a user opens up a new tab, he is logged in into the same user session.

## **Session Timeout:**

1. Verify that the session times out after 5 minutes of inactivity.

# **Session Security:**

1. Verify that the session related data is encrypted and is not accessible without the encryption key.