

Testing the ScheduleDB Microservices

Overview

These are my notes for testing the local scheduledb micro-services through the nginx subdomain routing.

The plan is to have the team do the following:

- ☐ Get these tests into Jira Stories and X-ray Test cases.
- ☐ Write automated tests from the gherkin behaviors.
- ☐ Deploy the latest scheduledb to the dev environment.
- ☐ Execute the new tests against the dev environment.

Manual Tests

- mongo-express
Tests that the mongo database is accessible
and has been populated with the preset sample data.
 - when to <http://mongo-express.sdb>
 - then mongo-express shows the necessary collections
- backend
Tests that the backend is accessible
and the backend can access the mongo database
 - when to <http://backend.sdb/meetings/webSchedule/WedGenMtg>
 - then the backend returns json of the next three scheduled events in the mongo database.
- frontend
Tests that the frontend is accessible
and the frontend can access the backend
and the backend can access the mongo database
 - when to <http://frontend.sdb/user/login>
 - then frontend login page opens
 - when user enters valid admin credentials
 - then admin is logged in
 - when any menu list item is selected for each collection
 - then valid list of pre-populated database entries is shown
- website
Tests that the website can access the backend
and that the backend can access the mongo database.
 - when to <http://website.sdb>
 - then tssg website home page opens
 - when Schedule icon is clicked
 - then schedule page opens
 - and the next three upcoming scheduled events are displayed