

# Dogtor Web Application: Veterinary Scheduling and GateKeeping Application

Unit Implementation and Testing

ENGG4000 FR03X

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**GitHub Link:** <https://github.com/jmitch-gitgud/Dogtor>

**Unit:** Pet Profiles

**Description:** Currently, our team has jest unit tests in the backend/test/App.jest.js file. These tests are currently only concerned with the “Pet Profiles” page of the Dogtor system, but it will expand to contain tests for the entire product. These unit tests check to see whether or not the desired value is returned from API calls, which is a large part of our system and is how data is passed back and forth between components (data communication). The tests can be run after changing to the directory mentioned above and running the “jest” command in the command line. Our team will be adding GitHub Actions to run all unit tests whenever a branch has been merged into main (after an approved PR), and would like to add regression testing in the future (using Reflect). The “Pet Profiles” page allows veterinary staff to search for a client’s pets (alive or deceased) easily either by using the client’s name or ID.