

Skills Test S1, Version A

COMP 4081 • Software Engineering • Fall 2019

Name: _____, _____
Last name First name

Rules:

- No potty breaks.
- No devices, except for your laptop.
- Paper notes are allowed. Having digital notes on your laptop is allowed.
- Closed neighbor.
- No texting/messaging/posting. Searching the web for documentation and existing forum posts is OK.

Reminders:

- Don't forget to write your name.
- Read the instructions carefully.
- Don't forget to complete all requirements.

BEFORE you open this test:

- Start the screen-capture recording (e.g., using OBS).
- In your web browser, google the query string "current time", so the current time is displayed and captured in the recording.

For this skills test, you must do the following:

1. In your VM, clone the Git repository at <https://github.com/memphis-cs/s01a-app-2019-08fall>.
2. Install the Gems for the project using `bundle`, install the JavaScript dependencies for the project using `yarn`, and reset the database using `rails`.
3. Run the automated tests for the project using `rails`.

Take a screenshot that shows the test results, and save it with the file name `s1` (and whatever file suffix is appropriate).

4. Start the development web server using `rails`, and open the web app in your browser.

Take a screenshot that shows both the terminal and the browser, and save it with the file name `s2` (and whatever file suffix is appropriate).

5. Sign in to the app using the username “`alice@email.com`” and the password “`password`”.
6. Create a new quiz called “`S1 Test Quiz`”.
7. Edit the quiz, adding the multiple-choice question “`S1 test question?`” with the answers being your first name, your last name, and your memphis email.
8. Navigate to the `Multiple Choice Questions` navbar item.

Take a screenshot that shows the browser with your question visible, and save it with the file name `s3` (and whatever file suffix is appropriate).

9. Launch `pgAdmin`, and display all rows in the `questions` table.

Take a screenshot that shows the browser with all the table data visible (including the question you created above), and save it with the file name `s4` (and whatever file suffix is appropriate).

Once you’ve completed all of the above, upload all 4 screen shots and your `.flv` video recording to the eCourseware dropbox labeled `Skills Test S1, Version A`.