**TEST PLAN**

**SYMPHONY JOB APPLICATION TASK**

**DESCRIPTION**

Our goal is to ensure the seamless functioning of our web application, ensuring optimal user experience (UX) and user interface (UI) design while validating the integrations through API endpoints. First impression is always important and we want to ensure our future clients are impressed when they visit [symphony.is](http://symphony.is) website

**SCOPE OF TESTING**

The following features will be tested (UI/UX):

* “Home page" - All elements are in place and scrolling and navigating through the home page is fluent
* Navigation through header options and verification user is navigated to the correct page
* “Contact Us” page - Verifying that guest users can contact Symphony through email, LinkedIn or through submitting an enquiry
* “Careers” page - Verification that all displayed positions are active and the user can easy apply

The following features will be covered by API testing:

Verification that individual endpoints perform as expected and return the correct response for different inputs

API endpoints covered:

* **POST**: SIGNUP (https://randomlyapi.symphony.is/api/auth/signup)
* **POST**: LOGIN (https://randomlyapi.symphony.is/api/auth/login)
* **POST**: ADD POST (https://randomlyapi.symphony.is/api/posts)
* **POST**: ADD COMMENT (https://randomlyapi.symphony.is/api/post-comments)
* **GET**: READ COMMENTS (https://randomlyapi.symphony.is/api/posts/{id}/comments)

**TEST STRATEGY**

* **Smoke tests** to verify main functions such as opening the home page and navigating through headers
* **Functional testing** to ensure all features work as expected
* **Usability testing** as part of UI/UX testing to verify how easy and intuitive it is for users to interact with the application's interface to accomplish their tasks
* **Integration testing** through Postman to confirm endpoint functions
* **Automation testing** - running all available automation scripts and add/edit new/updated test cases (both Web and API covered)

**TESTING REQUIREMENTS**

* Testing will be performed in the production environment due to a lack of test environments
* System to be tested: Windows and Mac OS
* Browsers: Chrome, Edge, Firefox, Opera
* API testing: Postman
* Tracking and reporting: Monitoring, documenting, and communicating information will be done through Excel