

# American Orchid Society Test Plan

<https://www.aos.org/>

## Overview:

The American Orchid Society is a horticultural society for education, conservation, and research of orchids. The AOS website serves as a library of information for society members and orchid enthusiasts. The website includes articles, videos, webinars, directories, images, news and events calendars. There is also a shop available with typical cart functionality.

## Entry Criteria:

- Exploratory testing to determine the most crucial features of the site
- Detailed test plan outlining in-scope and out-of-scope features and related functionality
- Project, defect and test tracking Trello board to stay organized
- Documented test cases for both automated and manual testing
- Github repository for automation test scripts
- Latest version of Chrome browser for testing
- Automation tools and frameworks
  - Nightwatch.js

## Exit Criteria:

- All major parts of the site functionality have been thoroughly tested
- Automation test scripts designed and executed with assertions
- Manual testing process completed and documented in Trello
- Test cases and confirmation tests completed and documented in Trello
- Bugs documented in Trello and in review

## In-scope:

Features and related functionality:

- UI frontend testing
- Desktop version of the site
- Header navigation menu should display a pop-up menu on hover
  - All header menus, sub-menus and their links:

## ■ About Us

- Following categories have another set of links within them:
  - Officers and Trustees
  - Affiliated Societies
  - Article Submissions
  - Orchid Conservation
  - Orchid Research
  - Policies and Procedures

## ■ All About Orchids

- Following categories have another set of links within them:
  - Beginner's Newsletter
  - Orchid Care
  - Seasonal Orchid Care
  - Culture Sheets
  - Orchids Pests and Diseases
  - AOS Video Library
  - Orchid Source Directory
    - Search feature by state/country
  - Orchids A to Z
  - Collector's Items
  - Orchidist's Glossary
  - Youth Programs
  - Orchid Question and Answer
  - Additional Orchid Resources

## ■ Orchid Awards & Judging

## ■ Shop

- Category buttons
- Side category menu
- Add to cart, change item quantity, update cart, remove from cart, proceed to checkout, fill out form, review order
- Test form requirements, i.e. test input of incorrect characters

## ■ News & Events

- Event Calendar:
  - Event Details buttons
  - See All Our Events button
- Latest News:

- Read More buttons
  - See More News button
- Members Meetings:
  - Schedule link
- Header search bar
- Home page:
  - Featured Content links
  - Orchid articles section and links
  - From Our Shop section and links
  - You May Be Interested In links
- Footer menu links
  - Social media links
  - Navigation links
  - Legal page links

#### Out-of-scope:

- No actual purchases will be made, only the checkout process right up until purchase
- Account creation and members only content
- Donate feature
- Mobile version of website
- API/database testing
- Stress/load testing
- Site speed
- Security testing

#### Links:

- <https://www.aos.org/>
- Github repository: <https://www.github.com/chelseahannan/aos>
- Defect and test tracking: <https://trello.com/b/X9D27IBd/solo-project>