

# Test Plan Document

## AstroRudrax Website Testing

### Document Information

- **Project Name:** astrorudrax.com
- **Document Version:** 1.0
- **Date:** August 24, 2025
- **Prepared By:** Krushil Patel
- **Test Manager:** Krushil Patel

### 1. Project Overview

AstroRudrax is an astrology and spiritual guidance website offering various services including Vedic Astrology, Numerology, Vastu Consultation, and Astro-Vastu consultations. The website serves as the primary digital platform for client engagement, service booking, and information dissemination.

#### 1.1 Application Under Test

- **Website URL:** <https://astrorudrax.com>
- **Technology Stack:** Web-based application
- **Target Browsers:** Chrome, Firefox, Safari, Edge
- **Device Compatibility:** Desktop, Mobile

### 2. Objectives

#### 2.1 Primary Objectives

- Ensure all website pages function correctly across different browsers and devices

- Validate user interface elements and navigation flow
- Verify content accuracy and consistency
- Test form functionality and data submission processes
- Ensure responsive design implementation
- Validate booking system functionality

## 2.2 Quality Goals

- **Functionality:** 100% of critical features working as expected
- **Usability:** Intuitive navigation and user experience
- **Compatibility:** Cross-browser and cross-device consistency
- **Performance:** Fast loading times and responsive interface
- **Security:** Secure data handling for contact forms and bookings

## 3. Scope

### 3.1 In-Scope

#### Pages to be tested:

- Homepage (<https://astrorudrax.com>)
- About Page (<https://astrorudrax.com/about>)
- Services Page (<https://astrorudrax.com/services>)
- Testimonials Page (<https://astrorudrax.com/testimonials>)
- FAQ Page (<https://astrorudrax.com/faq>)
- Contact Page (<https://astrorudrax.com/contact>)
- Daily Horoscope Page (<https://astrorudrax.com/horoscopes>)

#### Testing Types:

- Functional Testing
- User Interface Testing

- Navigation Testing
- Content Validation Testing
- Responsive Design Testing
- Cross-browser Testing
- Form Validation Testing
- Link Testing
- Usability Testing

**Browsers:**

- Google Chrome (latest version)
- Mozilla Firefox (latest version)
- Safari (latest version)
- Microsoft Edge (latest version)

**Devices:**

- Desktop (1920x1080, 1366x768)
- Tablet (iPad, Android tablets)
- Mobile (iPhone, Android phones)

### **3.2 Out-of-Scope**

- Backend server testing
- Database testing
- Performance load testing
- Security penetration testing
- Payment gateway integration (if any)
- Third-party integrations testing
- API testing
- Automated testing implementation

## 4. Test Strategy

### 4.1 Testing Approach

- **Manual Testing:** Primary approach for all functional and UI testing
- **Exploratory Testing:** For identifying edge cases and usability issues
- **Cross-browser Testing:** Systematic testing across supported browsers
- **Responsive Testing:** Testing across different screen sizes and orientations

### 4.2 Test Design Techniques

- **Boundary Value Analysis:** For form inputs and validation
- **Equivalence Partitioning:** For categorizing test data
- **Error Guessing:** Based on experience with similar applications
- **User Journey Testing:** End-to-end user scenarios

### 4.3 Test Data Management

- Valid and invalid input data for forms
- Test contact information for form submissions
- Sample birth data for astrology consultations
- Various screen resolutions and device configurations

## 5. Test Deliverables

### 5.1 Test Documents

- Test Plan Document (this document)
- Test Scenarios Document (Excel format)
- Test Cases Document (Excel format)
- Test Execution Report
- Defect Report

## **5.2 Test Artifacts**

- Test data sets
- Screenshots of defects
- Browser compatibility matrix
- Responsive testing results

## **6. Entry and Exit Criteria**

### **6.1 Entry Criteria**

- Website is deployed and accessible
- All target pages are available and functional
- Test environment is set up with required browsers and devices
- Test data is prepared
- Test cases are reviewed and approved

### **6.2 Exit Criteria**

- All planned test cases are executed
- 95% of high and medium priority test cases pass
- All critical and high priority defects are resolved
- Cross-browser compatibility is verified
- Responsive design functionality is confirmed
- Test execution report is completed
- Sign-off from stakeholders is obtained

## **7. Test Environment**

### **7.1 Hardware Requirements**

- **Desktop:** Windows 10/11, macOS, Linux
- **Mobile Devices:** iOS and Android devices
- **Tablets:** iPad and Android tablets

## 7.2 Software Requirements

- **Browsers:** Chrome 116+, Firefox 117+, Safari 16+, Edge 116+
- **Operating Systems:** Windows 10/11, macOS 13+, iOS 16+, Android 12+
- **Testing Tools:** Browser Developer Tools, Responsive Design Tester

## 7.3 Network Requirements

- Stable internet connection
- Various network speeds for performance testing

## 8. Roles and Responsibilities

### 8.1 Test Team Structure

- **Test Manager:** Overall test planning, coordination, and reporting
- **Senior Test Engineer:** Test case design, execution, and defect management
- **Test Engineer:** Test execution and result documentation
- **Business Analyst:** Requirements clarification and acceptance criteria

### 8.2 Responsibilities Matrix

Role	Planning	Design	Execution	Reporting
Test Manager	Lead	Review	Monitor	Lead
Senior Test Engineer	Support	Lead	Lead	Support
Test Engineer	Support	Support	Execute	Support
Business Analyst	Support	Review	Review	Review

## 9. Risks and Mitigation

### 9.1 Technical Risks

Risk	Impact	Probability	Mitigation
Browser compatibility issues	High	Medium	Test on multiple browsers early
Responsive design failures	High	Low	Test on various devices systematically
Form submission failures	High	Low	Validate with different data sets
Slow page loading	Medium	Medium	Monitor performance during testing

### 9.2 Project Risks

Risk	Impact	Probability	Mitigation
Delayed website deployment	High	Low	Buffer time in schedule
Incomplete requirements	Medium	Medium	Regular stakeholder communication
Resource unavailability	Medium	Low	Cross-training team members
Scope creep	Medium	Medium	Clear scope documentation

## 10. Test Schedule

### 10.1 Major Milestones

- **Test Planning:** 1 day
- **Test Case Design:** 2 days
- **Test Environment Setup:** 1 day
- **Test Execution:** 3 days
- **Defect Retesting:** 1 day
- **Test Reporting:** 1 day

**Total Duration:** 9 days

## **10.2 Dependencies**

- Website deployment completion
- Test environment availability
- Stakeholder availability for clarifications

## **11. Communication Plan**

### **11.1 Reporting Structure**

- **Daily Status:** Email updates to project team
- **Weekly Reports:** Detailed progress reports to stakeholders
- **Issue Escalation:** Immediate notification for critical defects

### **11.2 Meetings**

- **Test Kickoff:** Project initiation and requirement clarification
- **Daily Standups:** Progress updates and issue resolution
- **Test Review:** Test case and result reviews
- **Test Closure:** Final sign-off meeting

## **12. Sign-off Criteria**

### **12.1 Test Completion Criteria**

- All test cases executed with results documented
- Critical and high priority defects resolved
- Cross-browser compatibility verified
- Responsive design functionality confirmed
- Test execution report approved

### **12.2 Acceptance Criteria**



- **Functional Requirements:** All core features working correctly
- **UI/UX Requirements:** Consistent design and user experience
- **Performance Requirements:** Acceptable page load times
- **Compatibility Requirements:** Works across target browsers and devices

### 12.3 Sign-off Authorities

- **Test Manager:** Technical sign-off on test completion
- **Business Analyst:** Functional sign-off on requirements
- **Project Manager:** Overall project sign-off
- **Client Representative:** Final acceptance sign-off

## 13. Assumptions and Constraints

### 13.1 Assumptions

- Website will be stable during testing period
- All required browsers and devices are available
- Test data can be safely used without affecting production
- Stakeholders are available for clarifications

### 13.2 Constraints

- Testing limited to manual approach only
- No access to backend systems for debugging
- Limited time for comprehensive performance testing
- No automated test script development

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