

## # Legal Department AI – End-to-End Test Suite

### ## Test Instructions

1. Convert each `.md` test document to PDF (save with same name, `.pdf` extension)
2. Place PDFs in this folder
3. Upload each PDF to the Legal Department AI at <http://localhost:6101/app/agents/legal-department>
4. Record results in the Results section below

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### ## Test Cases Overview

#	Test Name	Tests	Expected Specialist	Expected Risk Level
1	One-Sided NDA	Risk detection, unfair terms	Contract	HIGH
2	10-Year Confidentiality	Excessive term detection	Contract	MEDIUM-HIGH
3	Missing Clauses Contract	Completeness check	Contract	HIGH
4	Broad Indemnification MSA	Indemnification risk	Contract	HIGH
5	Privacy Policy Agreement	Specialist routing	Privacy	MEDIUM
6	Employment Non-Compete	Specialist routing	Employment	MEDIUM
7	Balanced Standard NDA	Control test (clean doc)	Contract	LOW
8	IP Assignment Agreement	Specialist routing	IP	MEDIUM
9	Compliance Terms	Specialist routing	Compliance	MEDIUM
10	Multi-Issue Contract	Multi-agent coordination	Multiple	HIGH

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### ## Detailed Test Cases

#### ### Test 1: One-Sided NDA (TEST-01-onesided-nda.md)

**\*\*Purpose\*\*:** Verify the system detects heavily one-sided terms

**\*\*Expected Detection\*\*:**

- [ ] Identifies as NDA
- [ ] Flags non-mutual nature (only Recipient has obligations)
- [ ] Flags unlimited liability for Recipient
- [ ] Flags no carve-outs for independently developed info
- [ ] Flags perpetual confidentiality obligation
- [ ] Risk Level: HIGH

**\*\*Pass Criteria\*\*:** At least 3 of 5 issues detected

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**### Test 2: 10-Year Confidentiality (TEST-02-long-term-nda.md)**

**\*\*Purpose\*\*:** Verify detection of excessive contractual terms

**\*\*Expected Detection\*\*:**

- ☐ Identifies as NDA
- ☐ Flags 10-year confidentiality period as excessive
- ☐ Flags 5-year survival period after termination
- ☐ Recommends shorter standard terms
- ☐ Risk Level: MEDIUM-HIGH

**\*\*Pass Criteria\*\*:** Excessive term flagged

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**### Test 3: Missing Clauses Contract (TEST-03-incomplete-contract.md)**

**\*\*Purpose\*\*:** Verify detection of missing essential clauses

**\*\*Expected Detection\*\*:**

- ☐ Identifies missing Governing Law clause
- ☐ Identifies missing Termination clause
- ☐ Identifies missing Dispute Resolution clause
- ☐ Identifies vague/missing Liability limitation
- ☐ Risk Level: HIGH

**\*\*Pass Criteria\*\*:** At least 2 missing clauses identified

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**### Test 4: Broad Indemnification MSA (TEST-04-broad-indemnity-msa.md)**

**\*\*Purpose\*\*:** Verify detection of problematic indemnification terms

**\*\*Expected Detection\*\*:**

- ☐ Identifies as MSA (Master Service Agreement)
- ☐ Flags unlimited indemnification scope
- ☐ Flags indemnification for third-party IP claims
- ☐ Flags lack of indemnification cap
- ☐ Recommends mutual indemnification
- ☐ Risk Level: HIGH

**\*\*Pass Criteria\*\*:** Indemnification issues flagged

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**### Test 5: Privacy Policy Agreement (TEST-05-privacy-agreement.md)**

**\*\*Purpose\*\*:** Verify routing to Privacy specialist

**\*\*Expected Detection\*\*:**

- [ ] Routes to Privacy specialist (not Contract)
- [ ] Identifies data processing terms
- [ ] Flags broad data sharing permissions
- [ ] Identifies GDPR/CCPA compliance gaps
- [ ] Risk Level: MEDIUM

**\*\*Pass Criteria\*\*:** Routed to Privacy specialist

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**### Test 6: Employment Non-Compete (TEST-06-employment-noncompete.md)**

**\*\*Purpose\*\*:** Verify routing to Employment specialist

**\*\*Expected Detection\*\*:**

- [ ] Routes to Employment specialist
- [ ] Flags geographic scope issues
- [ ] Flags duration concerns (2 years)
- [ ] Identifies enforceability concerns
- [ ] Risk Level: MEDIUM

**\*\*Pass Criteria\*\*:** Routed to Employment specialist

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**### Test 7: Balanced Standard NDA (TEST-07-balanced-nda.md)**

**\*\*Purpose\*\*:** Control test – verify clean contracts are recognized

**\*\*Expected Detection\*\*:**

- [ ] Identifies as NDA
- [ ] Recognizes mutual nature
- [ ] Finds standard 2-year term acceptable
- [ ] Identifies proper carve-outs present
- [ ] Risk Level: LOW

**\*\*Pass Criteria\*\*:** Risk level LOW, no critical flags

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**### Test 8: IP Assignment Agreement (TEST-08-ip-assignment.md)**

**\*\*Purpose\*\*:** Verify routing to IP specialist

**\*\*Expected Detection\*\*:**

- [ ] Routes to IP specialist
- [ ] Identifies IP assignment scope
- [ ] Flags broad "all inventions" language
- [ ] Flags lack of prior inventions carve-out
- [ ] Risk Level: MEDIUM

**\*\*Pass Criteria\*\*:** Routed to IP specialist

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### Test 9: Compliance Terms Agreement (TEST-09-compliance-terms.md)

\*\*Purpose\*\*: Verify routing to Compliance specialist

\*\*Expected Detection\*\*:

- [ ] Routes to Compliance specialist
- [ ] Identifies regulatory requirements
- [ ] Flags audit provisions
- [ ] Identifies certification requirements
- [ ] Risk Level: MEDIUM

\*\*Pass Criteria\*\*: Routed to Compliance specialist

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### Test 10: Multi-Issue Contract (TEST-10-multi-issue.md)

\*\*Purpose\*\*: Verify multi-agent coordination when multiple specialists needed

\*\*Expected Detection\*\*:

- [ ] Triggers multi-agent mode
- [ ] Engages Contract specialist for NDA terms
- [ ] Engages Privacy specialist for data handling
- [ ] Engages IP specialist for IP provisions
- [ ] Synthesizes findings from all specialists
- [ ] Risk Level: HIGH

\*\*Pass Criteria\*\*: Multiple specialists engaged, synthesis provided

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## Results Tracker

### Test Run: [DATE]

Test Notes	Specialist Routed	Risk Level	Issues Found	Pass/Fail	
1					
2					
3					
4					
5					

6					
7					
8					
9					
10					

\*\*Summary\*\*:  
 - Tests Passed: \_\_\_\_ / 10  
 - Critical Issues Found:  
 - Observations: