London's legal company

SciPunch

February 5, 2025

Contents

1 Client's request

Looking for: Full Team Tech Stack: n/a, integration with WP website Level: Senior English: Not needed Rate: n/a. Workload: Full-time Location: Any Duration: n/a Industry: Law Description: Create AI model that integrates with CRM of legal company that processes inbound leads, categorises by services and subservices, automatically directs to paid or unpaid consultation, allocates a responsible lawyer (potentially with dashboard for lawyers workload), pushes reminders to the team of lawyers for various actions, automates contracting and payments. Client location: London, UK Start: Asap Note: Share similar examples of work.

2 Field research

2.1 Lead processing and service categorization

2.1.1 Description

The system analyzes the incoming information using natural language processing to identify key elements such as:

- The type of legal assistance needed

- Case urgency and complexity

- Potential value of the case

- Client's location and jurisdiction

- Any deadlines or time-sensitive matters

2.1.2 Solution

1. Aggregate different possible inputs (raw text, web form, audio and etc.)

2. Provide it in the unified way to the distilled LLM prompt

3. Gather extracted features

2.1.3 Business value

- Minimized lead response time

- Consistent categorization

2.2 Consulatation direction system

2.2.1 Description

Intelligently route leads based on the data from Lead processing and service categorization results

- Consultation type (category -> payed or free)

- Availability of appropriate consultation slots

- Schedule meeting based on the time zone of the client's location, his calendar or preferencesa

2.2.2 Solution

TBD

2.2.3 Business value

- Minimized time of onboarding

- Reduced scheduling conflicts

2.3 Lawyer allocation system

2.3.1 Description

Match cases with appropriate lawyers based on expertise, workload, and availability.

- Tracks current workload

- Matches case requirements with lawyer expertise

- Identifies potential bottlenecks

2.3.2 Solution

Integrate a set of heuristics with general purpose task tracking software (huly.io, linear.app etc)

2.3.3 Business value

- Robust workload control

- Clean workers performance metrics

2.4 Reminder system

2.4.1 Description

Utility based service which helps to notify any kind of events or urgent situations

2.4.2 Solution

Could be implemented as a messsanger bot or dedicated simple app

2.4.3 Business value

- Centralized way of fast messages delivery across the company

2.5 Contract automation

2.5.1 Description

Streamline contract generation and management processes.

- Template selection based on the case

- Electronic signature integration

- Risk assessment

2.5.2 Solution

TBD

2.5.3 Business value

- Batter worker experience

- Additional layer of contract correctness validation (according to the location's laws)

2.6 Payment processing

2.6.1 Description

TBD

2.6.2 Solution

TBD

2.6.3 Business value

TBD

3 Similar examples of work

3.1 Google docs generator for the generic website WCAG audit

3.2 ChatGPT driven bot integration for the tasks classification with futured bottle necks indication and employees allocation

3.3 Skin care products extraction from the raw text with futured classification

3.4 Sport teams names grouping with help of a bunch string fuzzy search algorithms

4 Approximate time and cost

Cost Analysis at €30/hour

Working hours per month: 160 hours Monthly cost per developer: €4,800 Two developers for 3 months: €28,800 total base cost

4.1 Revised Project Scope for 3 Months

4.1.1 Lead Processing and Service Categorization

- Basic NLP for lead classification

- Integration with WordPress forms

- Simple categorization system

Cost: €9,600 (2 months of one developer)

4.1.2 Lawyer Allocation System

- Basic workload dashboard

- Manual override capabilities

- Integration with existing task tracking software

Cost: €7,200 (1.5 months of one developer)

4.1.3 Payment Processing

- Standard payment gateway integration

- Basic invoice generation

Cost: €4,800 (1 month of one developer)

4.2 Features to Simplify or Postpone

4.2.1 Consultation Direction System

Replace automated routing with semi-automated system Use existing scheduling software Simplified paid/unpaid classification Cost: €4,800 (1 month of one developer)

4.2.2 Features to Exclude for Initial Release

4.2.3 Contract Automation

Can be handled manually in initial phase High complexity for proper implementation Significant legal considerations needed

4.2.4 Advanced Reminder System

Can be replaced with existing tools (Email, Slack) Complex to implement properly Not critical for core business operations