



# Jones Mulch Service

## Software Requirements Specification (SRS)

### Web Application

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# 1. Introduction

This project aims to create a user-friendly system for managing clients and jobs effectively. It will allow easy input of client details, update profiles automatically, generate quotes, schedule jobs, and send invoices. The system will be integrated for communication. Real-time notifications and a dashboard will enhance user experience. The project will be completed in milestones, ensuring a step-by-step approach to development.

## 2. Milestone 1: UX/UI 25 days

### 2.1 User Interface Design

- Develop and provide complete system UX/UI on figma.
- Design user-friendly interfaces for Client Management, Communication, Quote and task management, Invoicing, Mapping and Visualization, and more.
- Provide a visually appealing but a simple limited admin portal.

## 2.2 Visual Changes

- Allow for minor visual changes based on feedback and review during this milestone.

## 3. Milestone 2: Frontend 15 days

### 3.1 Frontend Development

- Code the frontend based on the approved UX/UI designs from Milestone 1.
- Use HTML, CSS (Bootstrap), and JavaScript for frontend development.
- Ensure responsiveness for different devices and screen sizes.
- Implement user-friendly navigation and form validations.

## 4. Milestone 3: Backend 25 days

### 4.1 Backend Development

- Develop the backend functions and core features of the job portal.
- Use PHP Laravel as the backend technology.
- Establish the necessary databases using MySQL.

### 4.2 Database Design

- Create database schemas to store client information, Quotes, invoices, worker information, and more.
- Data should be easily retrievable.



## 5. System Features and Functional Requirements

### 5.1 Automation for Client

- Use chatbot to gather initial information when clients reach out, update profiles, and assist in automating responses.

### 5.2 Admin Dashboard:

- Admins can register workers and assign them work based on service expertise.

### 5.3 Quote management:

- Admins have control over the quote approval feature. The admin will send quote client.

## 5.4 Job Scheduling and Tracking

- Admins assign jobs to workers, workers receive notifications for assigned jobs and update job status.
- A map visualization displays active jobs, and their status is updated in real-time.

## 5.5 Map Visualization

- Display jobs on a map with customizable markers based on job status.

## 5.6 Job Completion and Invoicing:

- Worker mark jobs as completed in the system.
- Admins receive notifications of completed jobs and generate invoices.
- Clients are notified, presented with invoices, and make payments through integrated payment gateways.
- Clients can make payments in check and upload payment receipts.

## 6. Technical Details

### 6.1 Technologies

- UX/UI: Figma.
- Frontend: HTML, CSS, JavaScript.
- Backend: PHP with Laravel framework.
- Database: MySQL.
- Payment Integration: Stripe
- API Integration: Indeed

## 7. Timeline and Milestones

- Milestone 1: UX/UI Designing (25 days)
- Milestone 2: Frontend Development (15 days)
- Milestone 3: Backend Implementation (25 days)

## 8. Conclusion

The Jones Mulch Service aims to create a seamless workflow for Jobbers, Admins, and Clients, optimizing job assignment, tracking, and invoicing processes. This SRS outlines the core features, modules, and workflows for the successful development and implementation of the system.





# Thank You

