

## **PROJECT PROPOSAL:** RepairBuddy SaaS Conversion

**Project:** WordPress Plugin to Standalone SaaS Platform

**Proposed Timeline:** 8 Weeks (Phase 1 – Core Platform)

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### **EXECUTIVE SUMMARY**

This proposal outlines the transformation of the RepairBuddy WordPress plugin into a standalone, multi-tenant SaaS platform. By decoupling from WordPress, the system will achieve improved performance, scalability, and long-term maintainability, enabling reliable growth and easier future expansion.

The objective of this phase is to deliver a production-ready core SaaS platform with all essential functionality required for real-world usage, including multi-tenancy, repair workflows, billing readiness, and operational stability. The system will be built with a clear foundation for future enhancements and additional modules.

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### **TARGET ARCHITECTURE**

The recommended architecture is designed to ensure security, scalability, and long-term maintainability:

- Backend: Laravel 11 (Modern PHP)
- Frontend: React 18 (Single Page Application)
- Database: PostgreSQL

This stack enables strong tenant-level data isolation, consistent performance, and clean separation of concerns. The architecture is provider-agnostic and suitable for deployment across multiple hosting environments.

Note: The proposed timeline and cost assume timely feedback, clear requirements, and no major scope expansion during the development phase.

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### **DEVELOPMENT ROADMAP & MILESTONES (Phase 1 – Core SaaS Platform)**

**Milestone 1:** SaaS Foundation & Multi-Tenant Setup

**Duration:** Weeks 1–2

**Investment:** MWK 400,000

**Scope:**

- Analysis and extraction of core logic from the existing WordPress plugin
- Standalone Laravel project setup
- Secure authentication (admin and tenant users)

- Multi-tenant database architecture with strict tenant data isolation
- Base dashboard structure

**Acceptance Criteria:**

- Users can register, authenticate, and access tenant-specific dashboards
- Tenant data is securely isolated
- Development environment is deployed and stable

**Milestone 2:** Core Repair Management Platform

**Duration:** Weeks 3–5

**Investment:** MWK 600,000

**Scope:**

- Repair job intake and management
- Repair status lifecycle (received, in progress, completed)
- Technician assignment and management
- Customer-facing repair status portal
- System notifications (email-based)

**Acceptance Criteria:**

- End-to-end repair workflow is fully functional
- Technicians can manage jobs from the platform
- Customers can securely track repair progress

**Milestone 3:** Billing, Operations & Production Readiness

**Duration:** Weeks 6–8

**Investment:** MWK 500,000

**Scope:**

- Invoicing module
- Subscription billing automational payment recording (Phase 1)
- Automated online payments
- Inventory tracking (core functionality)
- SaaS configuration (tenant limits, basic plan controls)
- Final quality assurance, bug fixing, and deployment preparation

**Acceptance Criteria:**

- Platform is stable and ready for production use
- Core operational and financial workflows are functional
- System is ready for onboarding real tenants

Total Phase 1 Investment: MWK 1,500,000

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## PAYMENT STRUCTURE

To ensure steady progress, quality delivery, and uninterrupted development, payments are aligned with milestone completion.

Payment Terms: Each milestone is payable upon successful delivery and verification against the agreed acceptance criteria. This structure ensures clear visibility into progress, shared accountability, and consistent development momentum throughout the project lifecycle.

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## BUDGET ALIGNMENT

To ensure the scope and delivery approach remain aligned with your expectations, I would be happy to understand if you have an anticipated budget range or maximum planned expenditure for this phase. This will allow fine-tuning of priorities while ensuring the best possible value is delivered within the agreed investment.

I'm flexible and open to discussion, particularly given the opportunity for long-term collaboration across multiple projects.

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## STABILIZATION & FUTURE PHASES

The project includes final stabilization activities such as:

- Bug fixes and refinements
- Performance tuning
- Deployment readiness checks

Future phases may include:

- Advanced reporting and analytics
- Mobile applications
- Third-party integrations

These enhancements can be planned and scoped separately once Phase 1 is complete.

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## NEXT STEPS

1. Confirm approval of the proposed scope, timeline, and budget
2. Finalize milestone start dates and communication cadence
3. Commence development with Milestone 1

I look forward to collaborating with your team to deliver a robust, scalable SaaS platform and to building a strong long-term working relationship.

Kind regards,  
Salvation Makina