A logo for a software company

AI-generated content may be incorrect.

Linkient

Client Management Software

“Software for Software Developers”

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# Introduction

## Name and Slogan

Linkient “LINK-ee-uhnt”. Software for Software Developers.

## Core Concept

Linkient is a software application it will be built to simplify and centralise client interaction for software developers while also offering powerful project tracking capabilities. It should provide a dedicated space for managing all client communications, from initial requirements and ongoing feedback to approvals and status updates. Beyond communication, Linkient will support both Agile and Waterfall development methodologies, giving developers the flexibility to track progress in a way that aligns with their workflow. The platform must ensure visibility into every stage of a project's lifecycle. By combining client collaboration tools with robust project management features, Linkient should help developers maintain focus, improve transparency, and deliver high-quality results on time.

## Core Features

* Project Progression Tracker for developers – Agile and Waterfall Support.
* Project Timeline – Visible to Clients.
* Client Messaging.
* Client Calls – Audio and Video.
* File Transfer and File Preview – all file versions should be saved.
* Contract Signing.

Everything should be tracked recorded and saved.

The system should replace platforms like Trello, Microsoft teams, DocuSign, WeTransfer, Dropbox.

# Designs

## Functional and Non-Functional Requirements

### Functional Requirements

* Support for Agile and Waterfall project management methodologies.
* Project progression tracker for developers to manage and monitor tasks.
* Project timeline feature visible to clients for real-time updates.
* Client messaging system for direct communication.
* Audio and video calling functionality for client-developer interaction.
* Ability to record and save all communications, including calls and messages.
* File upload, transfer, and preview capabilities for various file types.
* File versioning to store and access all historical versions.
* Secure contract signing feature using electronic signatures.
* Role-based access control to manage visibility and permissions for developers and clients.
* Activity logging of all user interactions, including changes, messages, file actions, and project updates.

### Non-Functional Requirements

* User-friendly and intuitive UI design for ease of use.
* System should respond to actions within 2 seconds under typical conditions.
* Maintain 99.9% uptime for high availability.
* Regular automatic data backups to prevent data loss.
* Scalable infrastructure to handle growth in users, projects, and files.
* All data must be encrypted in transit and at rest for security.
* Support for two-factor authentication (2FA) for secure login.
* Compliance with GDPR and other relevant data protection regulations.
* Built with modular architecture for easy updates and maintenance.
* Fully responsive design compatible with desktop and mobile browsers (Chrome, Firefox, Safari).