Locawork Whitepaper

Introduction

Locawork is a location-based platform that connects employers, couriers, and event organizers, offering both paid and free services. Each role has a main interface consisting of a map with actionable points; users can click on these points to engage with the relevant activity.

Role Types and Features

Paid Roles include job posting and management, shipment coordination, and event creation. Users can view and manage their jobs, applicants, shipments, and events, as well as generate reports.

Free Roles allow users to search for jobs, apply, track their completed tasks, and get insights into nearby shipments and events without any additional cost.

Smart Notifications and Communication

Locawork enhances the user experience and business efficiency through push notifications and email systems. Notifications alert users when significant actions occur-such as arriving within 200 meters of a job, shipment, or event location.

Smart Ticket Validation

Ticket validation processes are automated using QR codes or RFID. When participants arrive at an event, their location is detected and their ticket validated automatically, reducing queues and increasing satisfaction.

Offline Functionality and Security

Login and data synchronization use local device memory. Secure local storage allows partial offline usage, syncing when internet is restored. Sensitive data such as card information is stored only locally.

Geolocation and Monitoring

The platform continuously tracks location. If a user or courier loses connection, the last GPS location is used.

Couriers going offline will trigger server warnings to service providers.

Conclusion

Locawork combines real-time technologies with offline capabilities, smart notifications, and geolocation tracking to optimize workflows in job searching, deliveries, and event management.