QuadraWeb Powered By QuadraSoft

(Framework to build web applications)

A Good-Performance Web Engine for Scalable, Responsive Business Applications.

Problem Statement

Modern web application development comes with several challenges:

- Difficulty building **high-performance, scalable web applications**
- Rewriting business logic separately for **web, desktop, and mobile platforms**
- Managing **performance, sessions, and database integration**
- Lack of **structured logging, monitoring, and support systems**
- Complex frontend–backend integration
- Time wasted handling **infrastructure, async behavior, and optimization**

Resulting Impact:
Slower development, inconsistent systems, and performance issues in production.

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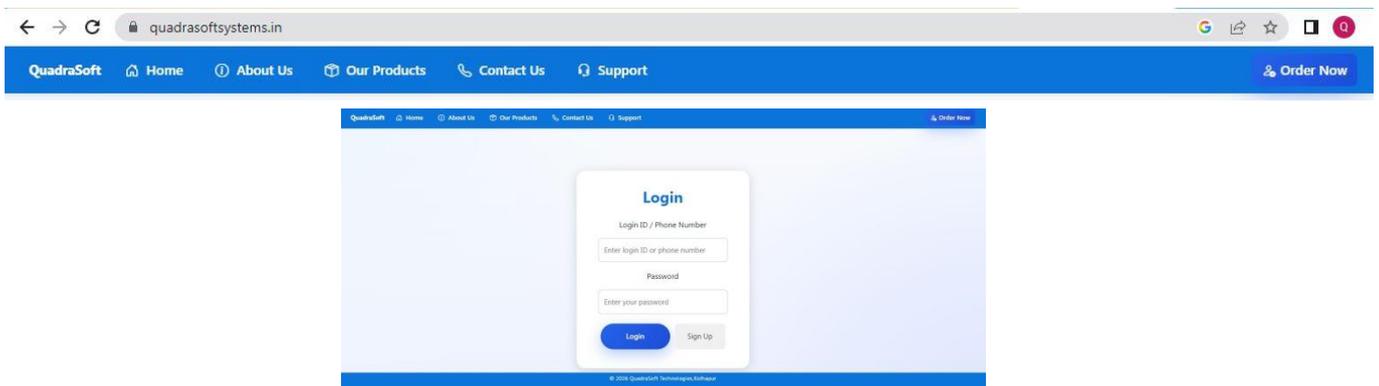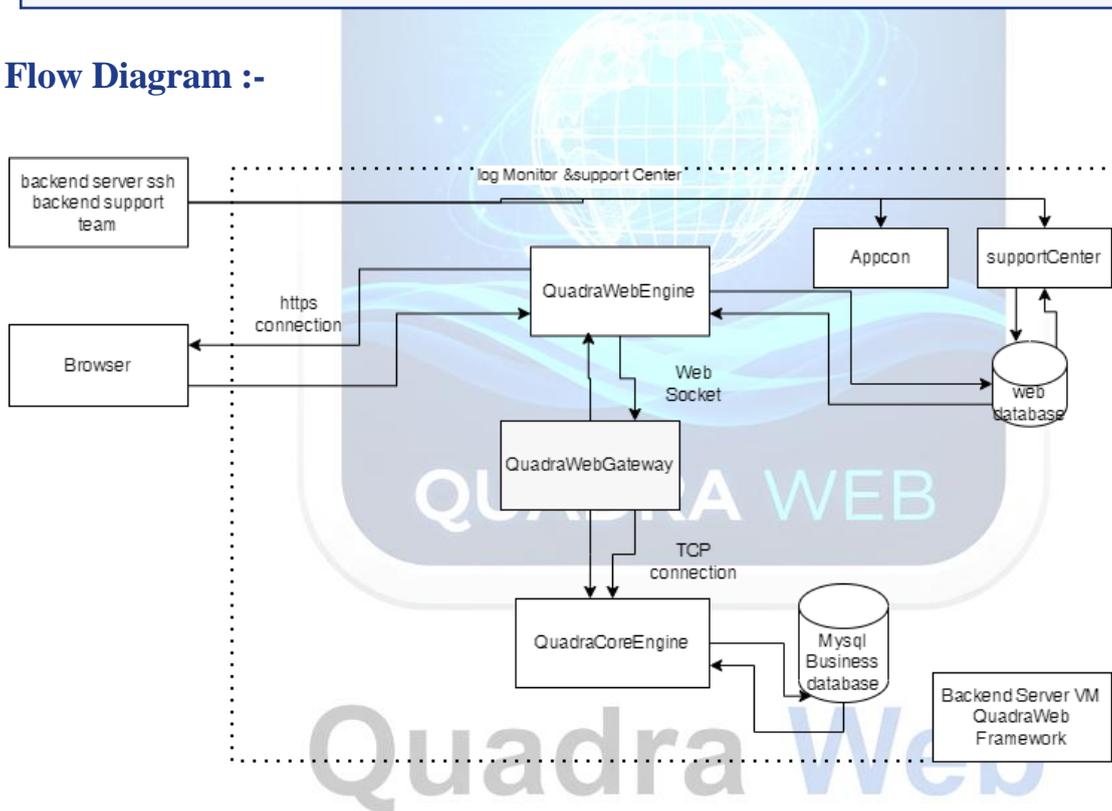
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Solution

QuadraWeb is a **web engine framework** designed to build **responsive, scalable, and high-performance web applications**.

It can operate:

- Independently as a web framework
- Seamlessly integrated with **QuadraCore** backend

This allows organizations to **reuse the same business logic** across web, Windows, Android, and other interfaces.

Flow Diagram :-

Page 2

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Key Features
Web Engine

- High-performance web application framework
- Supports websites & web applications
- Responsive across **desktop, laptop, tablet, and mobile**
- Dedicated logging system
- Configuration changes manageable via **AppCon**
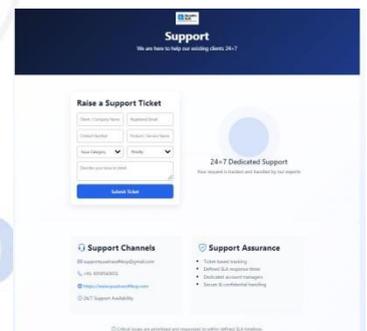- Media streaming options available

QuadraWebGateway Integration

- A **dedicated microservice** that acts as a **bridge between the Web Engine and QuadraCore**
- Converts **Web API requests → QuadraLink API messages**
- Manages an internal **message queue** between the web layer and core backend logic
- Ensures **secure and efficient message delivery** within the Quadra ecosystem servers or VMs
- Maintains **session handling and request flow control**
- Enables **centralized entry point for business logic** shared across Web, Windows, Android, and other platforms

Performance Ready
- Designed for mid to high performance applications
- Tested with 100–200 concurrent web connections

Developer Friendly
- Easy to add/modify
- GET / POST APIs
- HTML pages
- UI design
- No need to handle async complexity manually

Backend & Database Integration
- Works with database-connected systems
- Seamless integration with QuadraCore

Support Center Integration
- Built-in issue tracking system
- Contact management
- Automatic email handling

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Benefits

- Faster web application development
- Reuse of business logic across all platforms
- Optimized performance & session handling
- Fully responsive UI support
- Reduced development complexity
- Easy integration with backend systems
- Built-in support & issue tracking
- Structured logging & configuration control

Who Is This For

- Small to mid-sized software companies
- E-commerce platform developers
- Enterprise internal web teams
- Vendors building:
    - Business web portals
    - Employee systems
    - Customer dashboards
    - Web-based management systems

Why Choose Us

- Designed for performance from architecture level
- Seamless integration with QuadraCore ecosystem
- No need to duplicate backend business logic
- Production-ready structure
- Long-term technical partnership model
- Support-backed framework usage

Deployment Options

- On-Premise deployment
- Cloud deployment
- Standalone web engine or integrated with QuadraCore backend

Support &Maintenance
- We offer:
    - Code-as-a-Service model
    - Long-term support agreements (1 / 2 / 3 / 5 / 10 years)
    - Active development support
    - Ongoing application maintenance
    - Ecosystem-level support from QuadraSoft
    - Vendor logic integration within Quadra ecosystem

   Looking forward to doing business with you. For our business model details, pricing, and agreement information, please visit our website www.quadrasoftsystems.in/contact or contact us +91-9359543651 ,quadrasoftkop@gmail.com.

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