

PROJECT PROPOSAL

A Digital Marketplace for YouTube Strategy, Mentorship, and Growth Services

Group – 25

PID – 18

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1. Title of the project :

CreatorBoost: A Digital Marketplace for YouTube Strategy, Mentorship, and Growth Services

2. Overview of the Project :

CreatorBoost is a web-based platform that connects YouTube creators with professionals who offer services to increase video views through strategy, mentorship, and marketing. The system functions as a niche marketplace where creators can discover and book experts for services like channel audits, SEO optimization, content strategy, and ad campaign management.

It streamlines interactions through features like user profiles, service listings, bookings, messaging, and integrated payments. Initially focused on YouTube, the platform is designed for future expansion into other social media channels like TikTok, Facebook, and LinkedIn, enabling businesses and creators to access full-service account setup, content management, and cross-platform advertising solutions from a unified system.

Input: User registration details, service listings, booking requests, chat messages, payment information.

Output: Matched services, booking confirmations, expert feedback, chat interactions, and performance reports or analytics (in future phases).

3. Objectives of the Project :

- Develop a web-based platform that connects YouTube creators with professionals offering mentorship, marketing, and growth services.
- Provide a structured marketplace for discovering, evaluating, and booking services.
- Integrate a secure in-platform payment system for smooth transactions.
- Enable communication through internal messaging and basic scheduling features.
- Offer role-based dashboards for Clients, Service Providers, and Admins.
- Deliver performance insights via basic analytics tools.
- Ensure scalability for future features like Real-time live chat, Automated invoice generation, Two-factor authentication, Cross-platform social media account management

4. The Need for the Project :

With the rapid rise of content creation on YouTube, many creators struggle to grow their audiences, monetize effectively, and manage performance. Mainstream freelance platforms like Fiverr and Upwork are too broad and lack specialized support for creator-focused growth. CreatorBoost addresses this gap by offering a dedicated space for YouTube creators to connect with verified experts in content strategy, SEO, ad management, and more. The platform provides a centralized solution that improves

service discovery, automates workflows, and enhances transparency, delivering measurable outcomes tailored to the creator economy.

5. Scope of the Project :

User Roles:

- Client (YouTube Creator): Can browse services, request bookings, view order history, access analytics, message service providers, and make payments.
- Service Provider (Mentor/Strategist): Can register and verify as a provider, list service packages, manage bookings, chat with clients, and receive payments.
- Admin: Manages user verification, oversees content moderation, resolves disputes, and generates system reports.

Key System Functions:

- User registration and login with role-based dashboards
- Service listing, search, and filtering
- Booking system with session scheduling
- Internal messaging system between clients and providers
- Payment gateway integration
- Admin panel with report generation and user management

Optional features (Future Expansions): Real-time live chat, Auto-invoice generation, Two-factor authentication, Full-service social media account management

6. Deliverables :

- A responsive web-based platform accessible via desktop and mobile browsers.
- Role-based dashboards for Clients, Service Providers, and Admins.
- Core functional modules: Service discovery and listings, Booking and scheduling system, Internal messaging between users, Secure payment integration, Admin dashboard for oversight and reporting
- Optional modules: Real-time chat, Invoice generation ,Two-factor authentication

7. Overview of Existing Systems and Technology :

Existing Systems:

1. Fiverr (<https://www.fiverr.com>): Fiverr uses Node.js, React.js, and a microservices architecture deployed via Docker on AWS. It employs RESTful APIs, OAuth 2.0 authentication, and Elasticsearch for real-time search.

2. Upwork (<https://www.upwork.com>): Upwork uses Java (Spring), React/Angular, and microservices hosted on AWS and Google Cloud. It features multi factor authentication and ML based job matching with Elasticsearch support.

But they are not specialized in social media mentorship or managed growth services.

Technologies / Tools :

- Frontend: React.js, Tailwind CSS

- Backend: Java Springboot
- Database: MongoDB , PostgreSQL
- Authentication: Firebase Authentication
- Project Management: Jira
- Reused API Services: Stripe API, Google Map API , Gemini API
- Deployment: Docker / Vercel / Railway / AWS EC2
- Version Control : Git , GitHub
- IDEs : VS Code, IntelliJ
- API Testing : Postman
- Storage : AWS S3 Bucket

8. References :

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