**Feasibility Study**

**1. Technical Feasibility**

The system will be developed using the **MERN stack** (MongoDB, Express.js, React.js, Node.js), which is well-suited for building dynamic, full-stack web applications. The technology stack is open-source, widely adopted, and backed by extensive community support.

Cloud services such as **Cloudinary** or **Firebase Storage** will be used for storing multimedia files like images, videos, and audio. React.js ensures a responsive frontend capable of rendering different layouts based on the creator’s category (musician, cinematographer, model).

Role-based authentication and route protection will be implemented using secure libraries like **JWT** (JSON Web Tokens) and **bcrypt**, ensuring safe access control.

**Conclusion**: The system is technically feasible using current web development technologies and cloud services.

**2. Economic Feasibility**

As a student project, the system will rely on **free-tier resources** and **open-source tools**, which significantly reduces development and deployment costs.

* **MongoDB Atlas** offers free cloud database hosting.
* **Render, Vercel, or Netlify** can host the frontend/backend with free plans.
* **Cloudinary / Firebase** offer free storage quotas for media content.

No third-party licensing or infrastructure costs are required at this stage. The system can scale affordably later if needed.

**Conclusion**: Economically feasible with minimal to zero financial investment for development and deployment.

**🧪 3. Operational Feasibility**

The system is designed with **simplicity and usability** in mind. Creators can easily register, manage their profiles, upload content, and generate public portfolio links without requiring advanced technical knowledge.

Public users (clients or fans) can access profiles without login, allowing easy browsing and interaction. A private feedback mechanism ensures meaningful communication without the need for complex chat systems.

Admin tools are built for easy monitoring and moderation, ensuring that content and users can be managed efficiently.

**Conclusion**: Operationally feasible with user-friendly interfaces for all roles: creator, viewer, and admin.