# AcuScan: AI-Powered Medical Doubt and Scan Analysis

**Feature List - Role-Based**

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AcuScan has two primary roles: Admin and User. The features and functionalities for each role are detailed below:

**Role: Admin**

The admin role has full control over the AcuScan platform.

- **Authentication and Authorization:**

  - Login: Secure access to the admin dashboard (database).

  - Manage User Accounts:

    - View User List: See a list of all registered users.

    - Edit User Profiles: Modify user information (e.g., contact details, roles, subscription status).

    - Delete Users: Remove user accounts from the platform.

- **Website Management:**

  - Content Management:

    - Update Website Content: Modify text, images, and other content on the website (e.g., homepage, about us, services, pricing).

    - Manage Pages: Add, edit, and delete web pages.

  - Design and Customization:

    - Change Website Design: Alter the visual appearance of the website (e.g., themes, colors, layout).

    - Customize Layout: Modify the structure and arrangement of elements on web pages.

- **Database Management:**

  - Direct Database Control: Full access to the underlying database.

- Modify Database Structure: Change tables, fields, and relationships.

- Data Backup and Restore: Create and restore database backups.

- Data Management: Add, edit, and delete data within the database.

- **AI and System Configuration:**

  - AI Model Management:

    - Update AI Models: Integrate new or updated versions of the Gemini AI.

    - Configure AI Parameters: Adjust settings for the AI's responses and analysis.

  - System Settings:

    - Configure Website Settings: Manage core website settings.

    - Manage Storage: Configure storage for user uploads and other data.

- **Monitoring and Reporting:**

  - View Logs: Access server logs and application logs.

  - Generate Reports: Create reports on user activity, system performance, and other relevant metrics.

**Role: User**

The User role interacts with the AcuScan platform to obtain medical information and scan analysis.

- **Authentication:**

  - Login: Access the platform with an existing account.

  - Sign Up: Create a new user account.

  - Logout: Exit the platform.

- **Information Access:**

  - View Home Page: Access the main landing page.

  - View About Page: Learn about AcuScan.

- o View Services Page: See the services offered.

  - o View Pricing Page: Check subscription plans.

- **AI Interaction:**

  - o Chat with AI: Submit medical questions and receive AI-generated responses.

  - o Upload Scan: Upload medical scan images for AI analysis.

  - o View Scan Results: See the AI's analysis of the uploaded scan.

- **Premium Features:**

  - o Store Chats: Save chat history for future reference.

  - o Store Uploaded Images: Save uploaded scan images.

  - o Increased Scan Limits: Upload a greater number of images.

- **Support:**

  - o Contact Support: Contact the support.