MediMingle

MediMingle

Revolutionizing Healthcare Connectivity

MediMingle

The doctor booking system allows users to search for doctors based on various criteria such as specialization, location, and availability.

Users can view detailed profiles of doctors, including their qualifications, experience, and patient reviews.

Registered users can book appointments with their chosen doctors

Users

User-Centric Approach

Admin

Doctor

Patient

Admin

- Doctor profile management

- Appointment tracking

- User account oversight

Doctor

- Secure login

- Doctor database maintenance

- Booking system

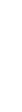- Appointment management

- Reviews
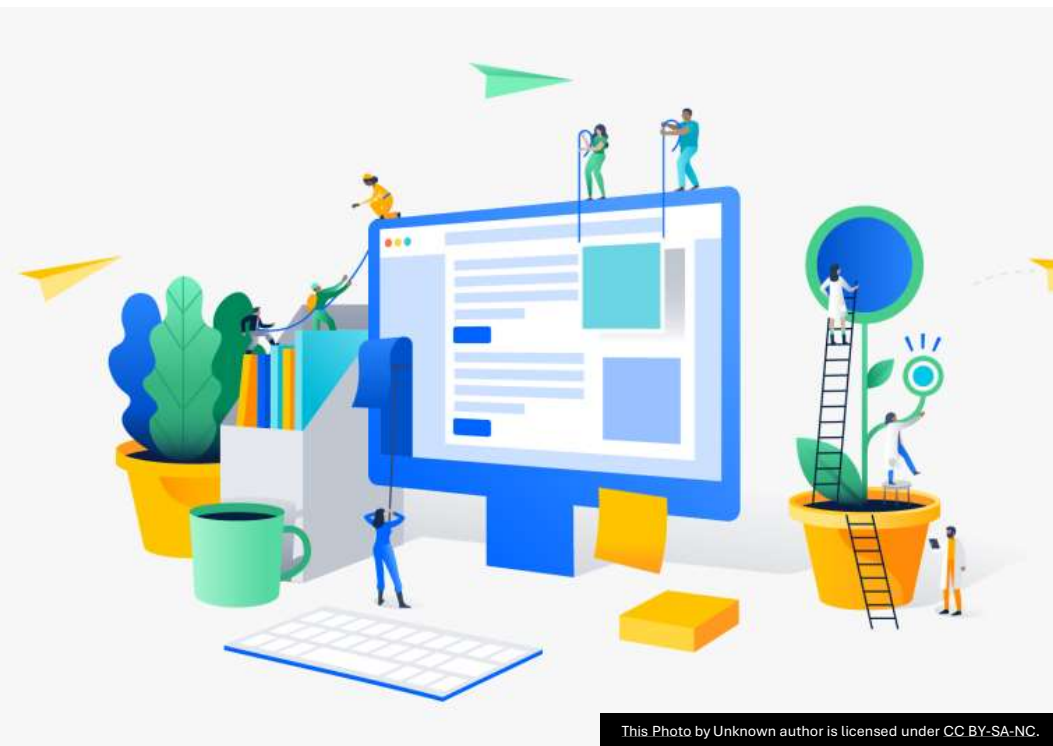
Patient

Secure login

User profiles

Booking system

Appointment management

Key Functionalities in MediMingle |

User Authentication and Registration

User registration, secure login/logout, password reset, and profile management

Doctor Database

Maintenance of doctor profiles with specialties, qualifications, and availability

User Profiles

Management of personal information, including medical history and preferences

Booking System

Display of available time slots, user selection, booking confirmation, and scheduling

Notification System Sending notifications about appointment confirmations through email and SMS
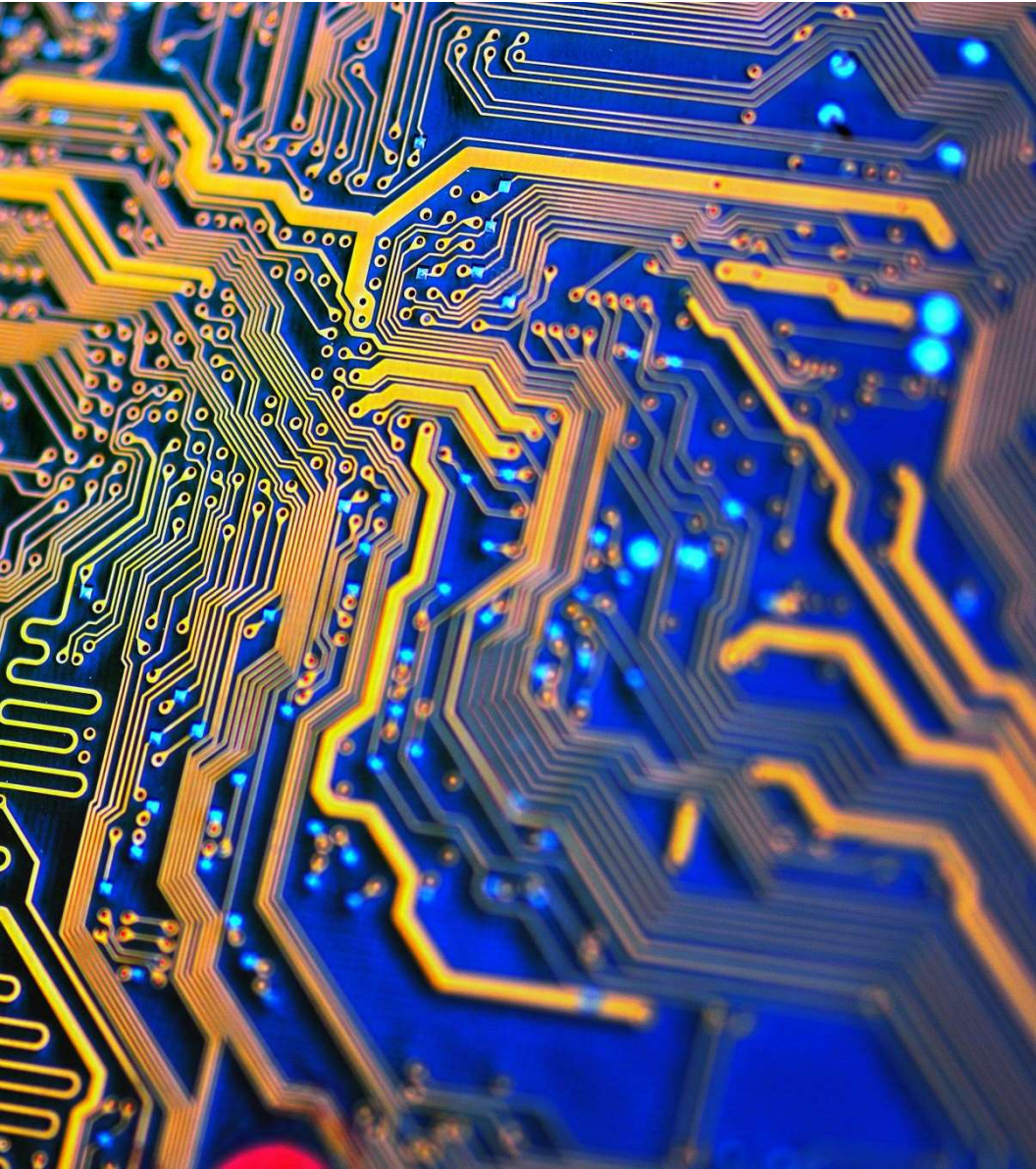
Appointment Management

Rescheduling based on availability and appointment cancellation with advance notice

Reviews and Ratings: Submission of reviews and ratings by users after appointments

Privacy and Security: User consent for data collection and usage

Technological Stack

Front-End

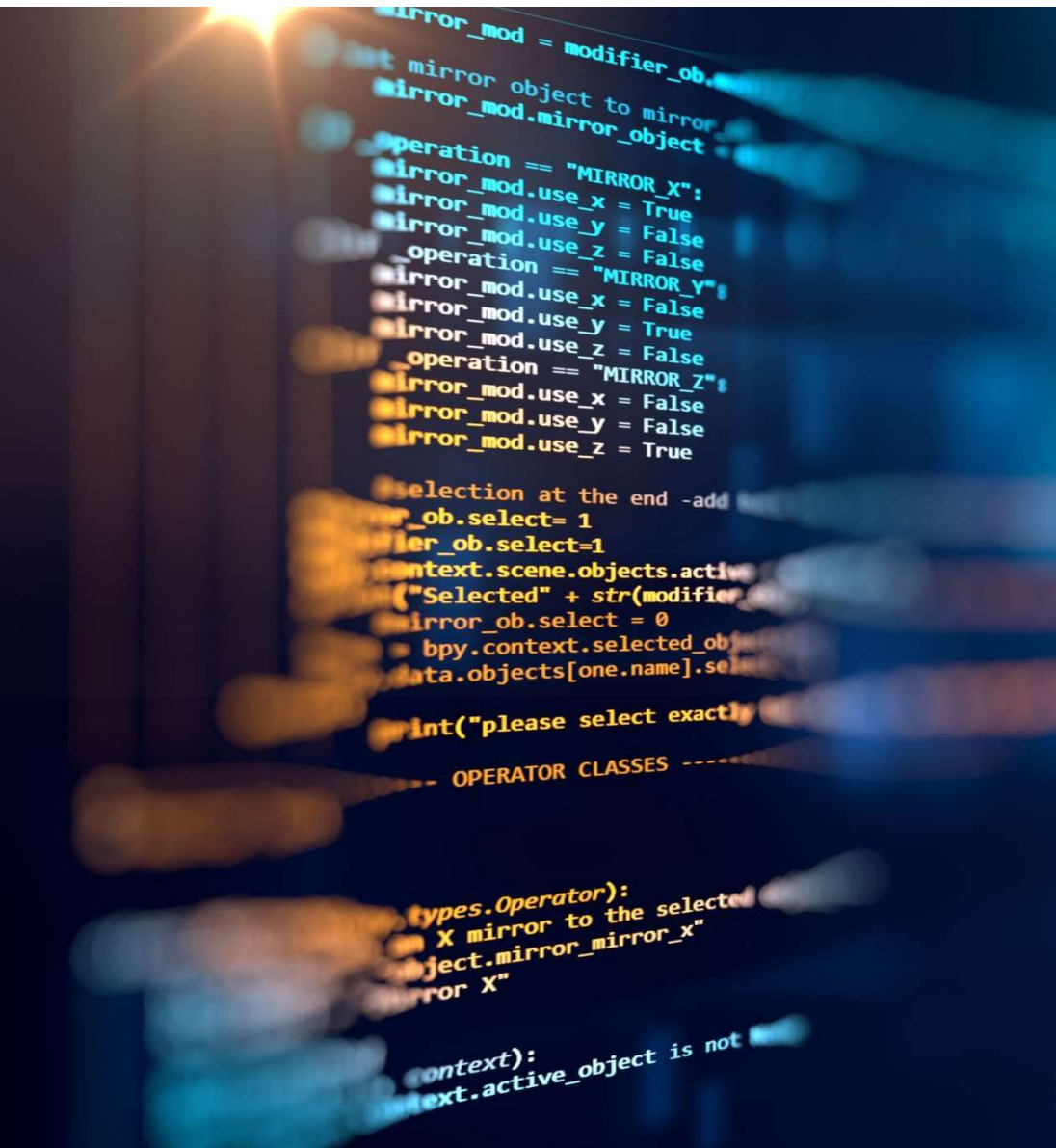HTML, CSS, Bootstrap for a seamless user interface

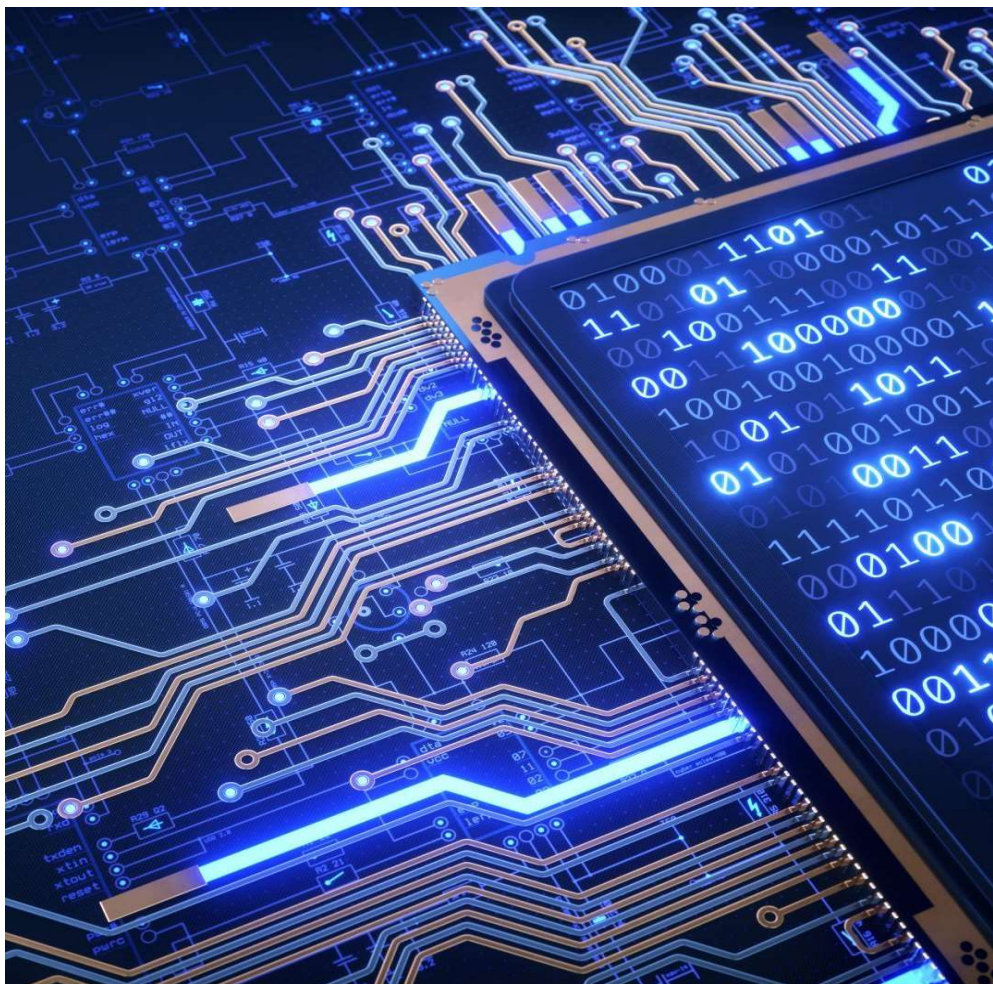Python-Django for robust server-side processing

Back-End

SQLite:

RDBMS for efficient data management

Query Language

SQL for structured and efficient database queries

Future Enhancements

- Integration of telemedicine features for virtual consultations

- Integration with wearable devices for real-time health monitoring

- Continuous security audits and updates for data protection

- Expansion to additional healthcare services and collaborations

- Multi-language support for a more inclusive user experience

Thank You

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