1. **Environment Variables** (.env):
   * Service configuration
   * JWT settings
   * Redis configuration
   * RabbitMQ settings
   * SMTP email settings
   * Rate limiting parameters
   * Security settings
   * MFA configuration
2. **Redis Service**:
   * Connection management
   * Token storage and retrieval
   * Rate limiting support
   * MFA temporary storage
3. **RabbitMQ Service**:
   * Robust connection handling
   * Auto-reconnection
   * Topic-based exchanges
   * Durable queues
   * Error handling and logging
   * Message persistence
4. **Email Service**:
   * SMTP configuration
   * HTML email templates
   * Password reset emails
   * MFA notifications
   * Security alerts
5. **Configuration**:
   * Environment-based settings
   * Secure defaults
   * Service URLs
   * Security parameters
   * Rate limiting rules

To get started:

1. Make sure Redis is running:

Code

redis-server

1. Start RabbitMQ:

Code

rabbitmq-server

1. Update the .env file with your specific settings:
   * SMTP credentials for email
   * Redis password if needed
   * RabbitMQ credentials if changed
   * JWT secrets
2. Start the service:

Code

npm run dev