Visualize Processes and Systems

# Flowchart: User Registration Process

```mermaid  
graph TD  
 A[Start] --> B[Open Registration Page]  
 B --> C[Fill Registration Form]  
 C --> D[Submit Form]  
 D --> E{Is Username Unique?}  
 E --> |Yes| F[Create User Account]  
 E --> |No| G[Show Error Message]  
 F --> H[Show Success Message]  
 G --> I[Prompt to Choose Another Username]  
 H --> J[End]  
 I --> C  
```

# Sequence Diagram: Login Process

```sequence  
User -> Login Page: Open  
User -> Login Page: Input Credentials  
User -> System: Submit Login Form  
System -> Database: Validate Credentials  
Database -> System: Return Validation Result  
System -> User: Display Result (Success or Failure)  
User -> Dashboard: Redirect on Success  
```

# Mind Map: User Profile Management System

```  
Title: User Profile Management System  
- User Management  
 - Create User  
 - Edit User  
 - Delete User  
- Authentication  
 - Login  
 - Logout  
 - Password Reset  
- Profile Display  
 - View Profile  
 - Update Profile Picture  
 - Social Media Links  
- Roles  
 - Admin  
 - Manage Users  
 - Access Control  
 - User  
 - Personal Dashboard  
```

# Diagrams

Flowchart: User Registration Process

![User Registration Process](https://imgr.whimsical.com/thumbnails/Hwb1pQVzMD881YU6uvQ6LQ/HiWYQDjfd839q2pVhW3xGp)  
[View or edit this diagram in Whimsical.](https://whimsical.com/user-registration-process-Hwb1pQVzMD881YU6uvQ6LQ?ref=chatgpt)

Sequence Diagram: Login Process

![Login Process](https://imgr.whimsical.com/thumbnails/U3JMvxYwqJVsJtdSCawTfS/6qpTU6xFp18afZ8vH7Vi5W)  
[View or edit this diagram in Whimsical.](https://whimsical.com/login-process-U3JMvxYwqJVsJtdSCawTfS?ref=chatgpt)

Mind Map: User Profile Management System

![User Profile Management System](https://imgr.whimsical.com/thumbnails/Uu5xhFRxuoRwVGKYUtVgqX/4jxSC77k7pJJwKd6mLhAqQ)  
[View or edit this diagram in Whimsical.](https://whimsical.com/user-profile-management-system-Uu5xhFRxuoRwVGKYUtVgqX?ref=chatgpt)