

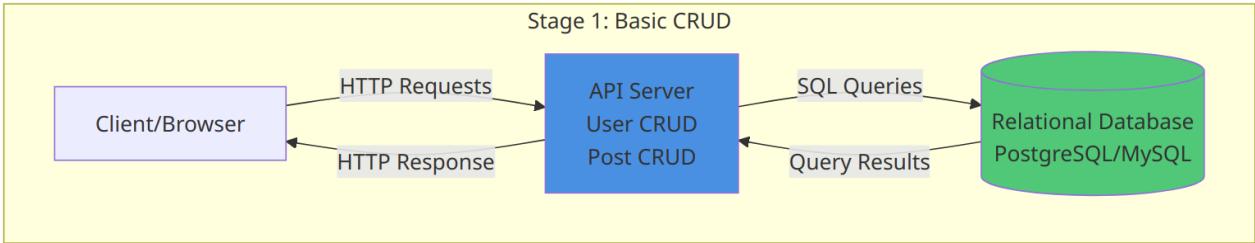
Test creaeting pdf from markdown

Generating single mermaid chart 🎨 Rendered Mermaid diagram 1 Generating single mermaid chart 🎨 Rendered Mermaid diagram 2 Generating single mermaid chart 🎨 Rendered Mermaid diagram 3 # Social Media System Design - Progressive Stages

## Stage 1: Basic CRUD Operations

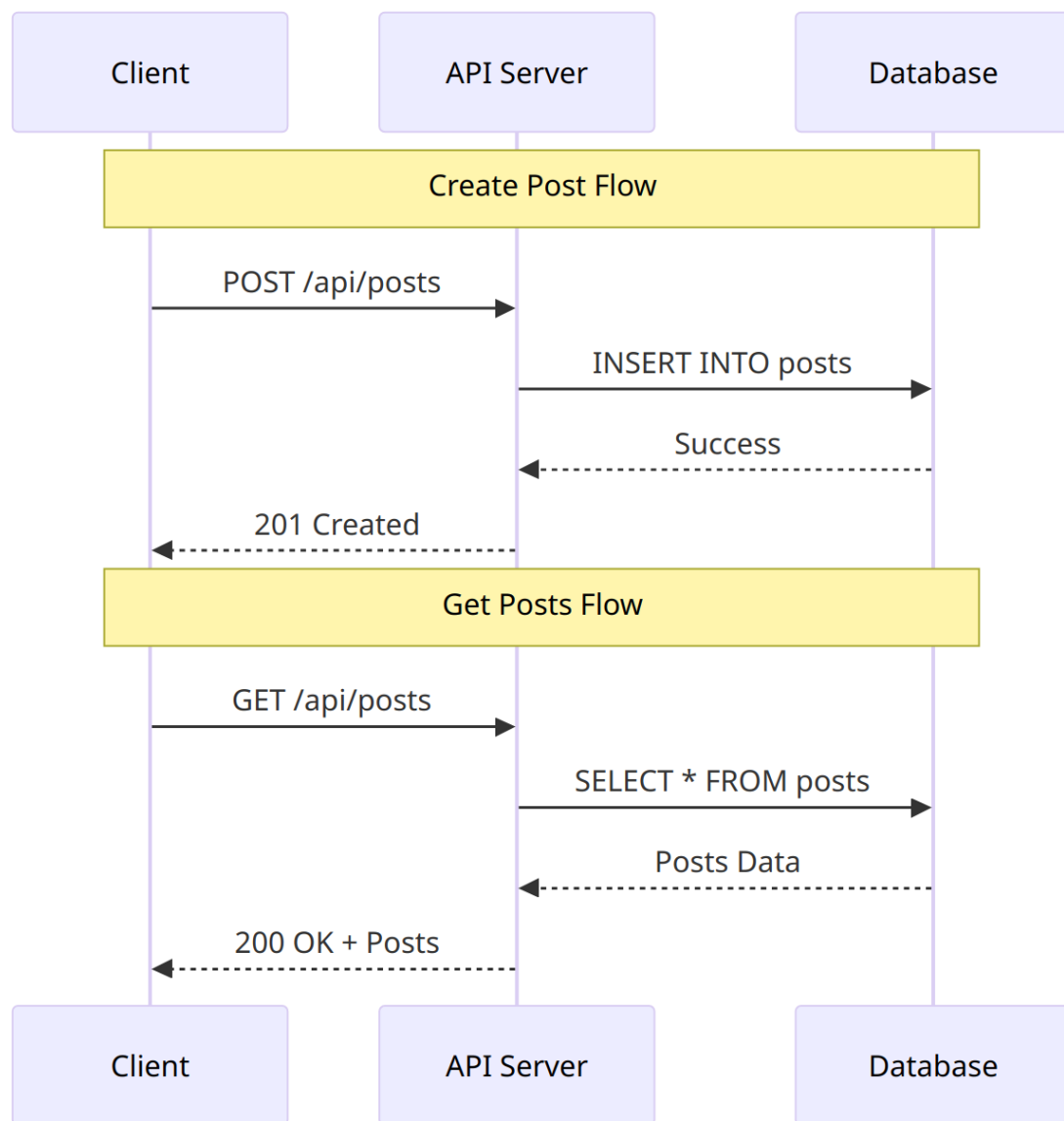
### Architecture Overview

Simple monolithic architecture with basic CRUD operations for users and posts.



Diagram

## Data Flow



Diagram

## Database Schema

USERS		
int	id	PK
string	username	
string	email	
string	password_hash	
timestamp	created_at	
timestamp	updated_at	



creates



POSTS		
int	id	PK
int	user_id	FK

## Diagram

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