

4. Project Management Tools

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1. Plane

2. Kan.bn

compose.yml

```
services:
  migrate:
    image: ghcr.io/kanbn/kan-migrate:latest
    container_name: kan-migrate
    networks:
      - kan-network
    environment:
      - POSTGRES_URL=${POSTGRES_URL}
    depends_on:
      postgres:
        condition: service_healthy
    restart: "no"

  web:
    image: ghcr.io/kanbn/kan:latest
    container_name: kan-web
    ports:
      - "${WEB_PORT:-1031}:3000"
    networks:
      - kan-network
    env_file:
      - .env
    environment:
      - NEXT_PUBLIC_BASE_URL=${NEXT_PUBLIC_BASE_URL}
      - BETTER_AUTH_SECRET=${BETTER_AUTH_SECRET}
      - POSTGRES_URL=${POSTGRES_URL}
      - NEXT_PUBLIC_ALLOW_CREDENTIALS=true
    depends_on:
      migrate:
        condition: service_completed_successfully
```

```
restart: unless-stopped
```

```
postgres:
```

```
image: postgres:15
```

```
container_name: kan-db
```

```
environment:
```

- POSTGRES_DB=kan_db
- POSTGRES_USER=kan
- POSTGRES_PASSWORD=\${POSTGRES_PASSWORD}

```
ports:
```

- 5432:5432

```
volumes:
```

- ./kan_postgres_data:/var/lib/postgresql/data

```
healthcheck:
```

```
test: ["CMD-SHELL", "pg_isready -U kan -d kan_db"]
```

```
interval: 5s
```

```
timeout: 5s
```

```
retries: 10
```

```
restart: unless-stopped
```

```
networks:
```

- kan-network

```
networks:
```

```
kan-network:
```

```
#volumes:
```

```
# kan_postgres_data:
```

.env

```
# https://github.com/kanbn/kan?tab=readme-ov-file#environment-variables-)
```

```
# Required environment variables
```

```
NEXT_PUBLIC_BASE_URL= https://kan.rfeyn.org# e.g. https://kan.bn
```

```
BETTER_AUTH_SECRET= # Random 32+ char string (can gen with: openssl rand -base64 26 | tr -  
dc 'a-zA-Z0-9' | head -c 32)  
  
# Fill if you want to use an external database  
POSTGRES_URL= # e.g.  
postgresql://kan:asdjf12983rjioskldjf92dojlsdjf9023ioj@your_host:5432/kan  
  
# Only required if deploying from compose  
POSTGRES_PASSWORD=asdjf12983rjioskldjf92dojlsdjf9023ioj  
  
# SMTP (optional)  
SMTP_HOST=smtp.porkbun.com  
SMTP_PORT=587  
SMTP_USER=dp@p2pnode.org  
SMTP_PASSWORD=  
EMAIL_FROM= # e.g. "Kan dp@p2pnode.org"  
SMTP_SECURE=false # set to "false" to use port 587  
SMTP_REJECT_UNAUTHORIZED= # set to "false" to accept invalid certs  
  
# Switch email features off entirely (optional)  
NEXT_PUBLIC_DISABLE_EMAIL=  
  
# S3 storage (optional)  
S3_REGION= # required for AWS S3 (e.g. us-east-1); ignored by most S3-compatible providers  
– defaults to us-east-1 if unset  
S3_ENDPOINT= # set for S3-compatible providers (MinIO, R2, Spaces, etc.); leave blank for  
AWS S3  
S3_ACCESS_KEY_ID=  
S3_SECRET_ACCESS_KEY=  
S3_FORCE_PATH_STYLE=  
# S3_AVATAR_UPLOAD_LIMIT=2097152 # Avatar upload size limit in bytes (default: 2MB)  
NEXT_PUBLIC_STORAGE_URL=  
NEXT_PUBLIC_AVATAR_BUCKET_NAME=  
NEXT_PUBLIC_ATTACHMENTS_BUCKET_NAME=  
NEXT_PUBLIC_STORAGE_DOMAIN=  
NEXT_PUBLIC_USE_VIRTUAL_HOSTED_URLS=  
  
# Auth config (optional)
```

```
NEXT_PUBLIC_ALLOW_CREDENTIALS=
NEXT_PUBLIC_DISABLE_SIGN_UP=

# API configuration (optional)
NEXT_API_BODY_SIZE_LIMIT= # e.g. 50mb (defaults to 1mb)

# Integration providers (optional)
TRELLO_APP_API_KEY=
TRELLO_APP_SECRET=

# Redis (optional - for rate limiting)
# If not provided, rate limiting will use in-memory storage
REDIS_URL= # e.g. redis://default:your_password@your_host:6379

# Logging (optional - debug, info, warn, error; defaults to debug in dev, info in prod)
LOG_LEVEL=

# OAuth providers (optional)
BETTER_AUTH_TRUSTED_ORIGINS=
# Optional: Restrict OIDC/Social sign-ins to specific email domains (comma-separated)
BETTER_AUTH_ALLOWED_DOMAINS=
GOOGLE_CLIENT_ID=
GOOGLE_CLIENT_SECRET=
DISCORD_CLIENT_ID=
DISCORD_CLIENT_SECRET=
GITHUB_CLIENT_ID=
GITHUB_CLIENT_SECRET=
GITLAB_CLIENT_ID=
GITLAB_CLIENT_SECRET=
GITLAB_ISSUER=
MICROSOFT_CLIENT_ID=
MICROSOFT_CLIENT_SECRET=
TWITTER_CLIENT_ID=
TWITTER_CLIENT_SECRET=
KICK_CLIENT_ID=
KICK_CLIENT_SECRET=
ZOOM_CLIENT_ID=
ZOOM_CLIENT_SECRET=
DROPBOX_CLIENT_ID=
```

```
DROPBOX_CLIENT_SECRET=  
VK_CLIENT_ID=  
VK_CLIENT_SECRET=  
LINKEDIN_CLIENT_ID=  
LINKEDIN_CLIENT_SECRET=  
REDDIT_CLIENT_ID=  
REDDIT_CLIENT_SECRET=  
ROBLOX_CLIENT_ID=  
ROBLOX_CLIENT_SECRET=  
SPOTIFY_CLIENT_ID=  
SPOTIFY_CLIENT_SECRET=  
TIKTOK_CLIENT_ID=  
TIKTOK_CLIENT_SECRET=  
TIKTOK_CLIENT_KEY=  
TWITCH_CLIENT_ID=  
TWITCH_CLIENT_SECRET=  
APPLE_CLIENT_ID=  
APPLE_CLIENT_SECRET=  
APPLE_APP_BUNDLE_IDENTIFIER=
```

3. OpenProject