Visual Novel Archive (VN Archive)

**A Brief Description:** A Wikipedia-like website made to preserve the information about various Visual Novel games.

**Tagline:** A modern, community-driven database for Japanese visual novels.

**Overview & Purpose:** VNArchive is a web application that serves as a Wikipedia-style database for Japanese visual novels. Users can browse, search, and contribute information about different VNs, including descriptions, tags, screenshots, developers, hyperlinks and more.

**Key Features:**

1. User accounts and authentication.
2. Account roles: Admin, Moderator, User
3. Edit function - an interactive page editor that allows users to make changes to the page without any code.
4. Editing history
5. Search by title

**Technology Stack**

Frontend: ReactJS, React Router

Backend: Django, Django REST framework

Database: PostgreSQL

Authentication: JWT auth

**Account Roles:**

* User: can submit edits
* Moderator: can approve/deny edits, delete inappropriate content
* Admins: have full control over the database and user management

**Security Considerations**

* Prevent vandalism: Store edit history, require mod approval for major edits.
* Rate-limiting: Prevent spam with throttling and CAPTCHA.
* Input sanitization: Strip dangerous HTML, allow Markdown for rich text.
* Authentication & Authorization: Secure JWT-based login, role-based access control.