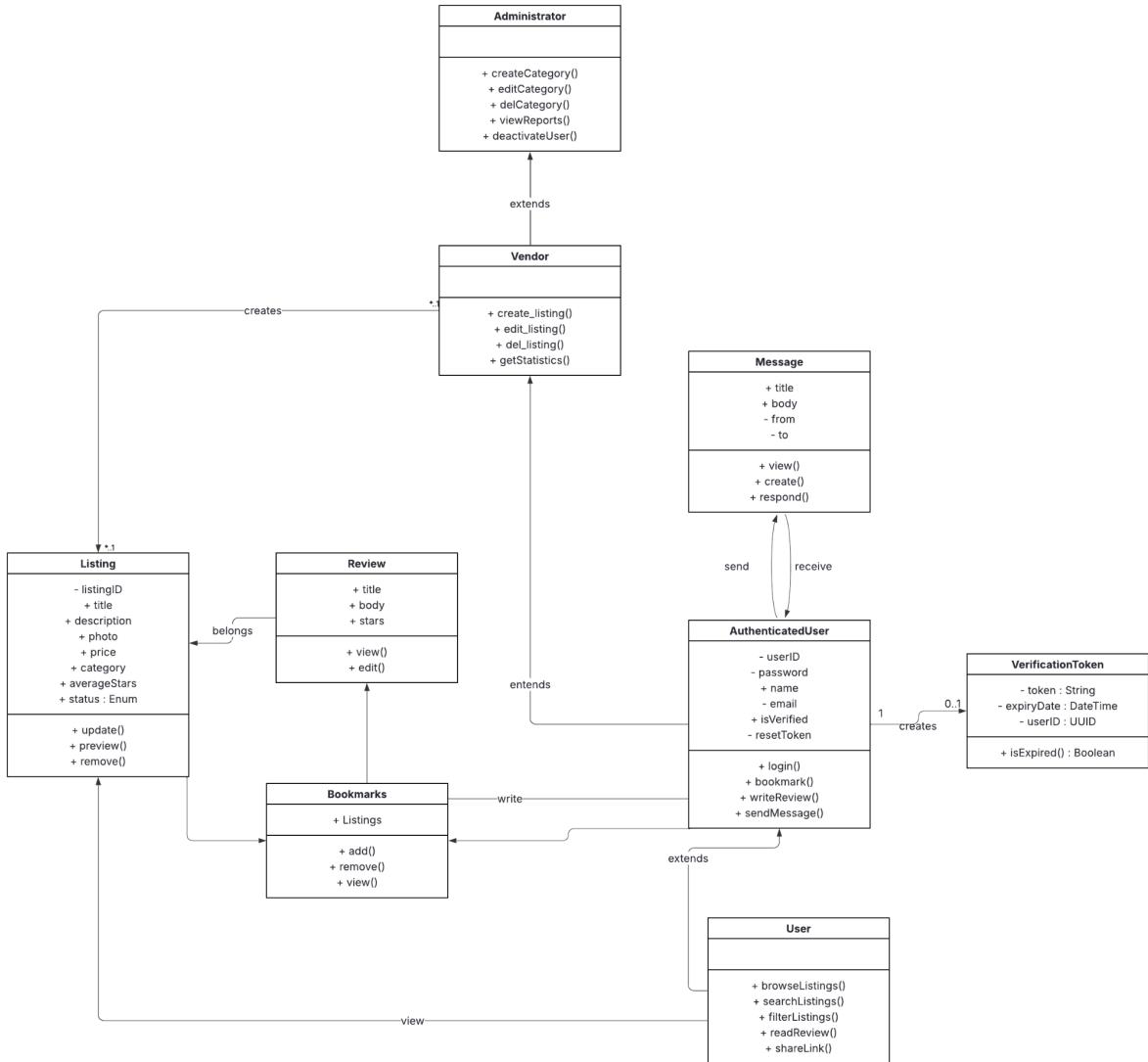


# UML class diagram



## Domain Model Summary

The domain model defines the main entities and their relationships within the *Small Business Vendor Directory* system.

A **Vendor** (a specialized type of **AuthenticatedUser**) can **create**, **edit**, and **remove** multiple **Listings**, each containing details such as title, description, price, and category.

Each **Listing** can receive **Reviews** written by **Users** or **AuthenticatedUsers**, capturing feedback through titles, comments, and star ratings.

**Users** can **browse**, **search**, and **bookmark** **Listings** for later viewing, while **Messages** enable direct communication between **Users** and **Vendors**.

An **Administrator** oversees the platform by **approving or rejecting listings**, **managing categories**, and **deactivating users** to maintain system integrity.

Overall, the model ensures consistent relationships between actors, listings, and interactions to support both vendor and customer perspectives.

