

API & Forms

The *Vote Cast* project uses Django's built-in forms for handling user input but does not currently expose a public API.

Forms Overview

Django forms validate and process user input securely. The key forms include:

Authentication Forms

- **LoginForm** – User login validation.
- **SignupForm** – Registers new users with secure credentials.

Voting Forms

- **VoteForm** – Ensures one vote per session.
- **OptionForm** – Manages voting options (admin use).

Admin Forms

- **SessionForm** – Manages voting sessions.
- **ResultForm** – Handles voting results.

API-Like Behavior & Future Enhancements

While *Vote Cast* lacks an API, Django's class-based views and forms provide structured interactions. Potential future additions: - **User Authentication API** – Token-based login. - **Voting API** – Cast votes via API. - **Results API** – Retrieve results in JSON.

Currently, all interactions are web-based using Django forms.