**Overview**: The "Smart Neighborhood Exchange" application allows users to list and reserve community resources, communicate through messages, and leave reviews. This platform is designed to promote community cooperation and optimize resource usage.

**Getting Started**:

1. **Registration**: Users must register with their name, email, and location. A profile image can be added.
2. **Login**: Use your registered email and password to log in.
3. **Dashboard**: Manage your listings, reservations, and reviews.
4. **Add a Resource**: Navigate to "Add Resource" and fill out the form to list an item.
5. **Reserve a Resource**: On the home page, find a resource you wish to reserve and click "Reserve."
6. **Leave a Review**: You can leave reviews on resources and rate users.
7. **Messages**: Communicate with other users through the messaging interface.

**Features**:

* **Profile Management**: Edit your profile and change your profile image.
* **Resource Listing**: Add, edit, or delete your resources.
* **Reservation System**: Book resources and manage incoming reservation requests.
* **Reviews**: View and leave reviews on users and resources.
* **Messaging**: Send and receive messages from other community members.

**Security Considerations**:

* Data validation is in place to protect against SQL injection, XSS, and CSRF attacks.
* All user input is sanitized and validated on both the client and server sides.

**Tips**:

* Use the dashboard to keep track of your resources and reservations.
* Regularly check your messages for new communications and reservation notifications.