Building a virtual assistant for yourself involves tailoring it to your specific needs and preferences. However, here are some common features and functionalities that you might want to consider including in your personal virtual assistant:

1. **Voice Recognition**: Implement voice recognition to allow for voice commands and natural language interactions. This enables you to interact with your virtual assistant using spoken language.
2. **Text-to-Speech (TTS)**: Include text-to-speech capabilities so that your assistant can respond to you audibly. This makes interactions more natural and informative.
3. **Personal Information Management**:
   * Calendar Management: Schedule appointments, set reminders, and manage your calendar.
   * To-Do Lists: Create and manage task lists and to-do items.
   * Contacts: Store and access contact information.
4. **Information Retrieval**:
   * Web Search: Allow your assistant to perform web searches and provide you with information from the internet.
   * Weather Updates: Provide current weather forecasts for your location or other places of interest.
   * News Updates: Deliver news summaries or updates based on your preferences.
5. **Home Automation**: If you have smart home devices, integrate your virtual assistant to control lights, thermostats, locks, and other IoT devices.
6. **Entertainment and Media**:
   * Music and Media Control: Play music, podcasts, or videos on your preferred streaming platforms.
   * Recommendations: Offer entertainment recommendations based on your preferences.
7. **Personalized Assistance**:
   * Personalized Recommendations: Suggest restaurants, movies, books, or other recommendations based on your past preferences.
   * Health and Fitness Tracking: Help you track fitness goals, steps, or calorie intake.
   * Finance Management: Provide updates on your financial accounts and expenses.
   * Shopping Assistance: Create shopping lists or find deals online.
8. **Language Translation**: Support translation of languages if you communicate in multiple languages.
9. **Task Automation**: Automate repetitive tasks like sending predefined messages or emails.
10. **Knowledge and Information Retrieval**: Answer general knowledge questions and provide information on a wide range of topics.
11. **Location-based Services**: Offer directions, traffic updates, and location-based reminders.
12. **Security and Privacy**: Ensure that your virtual assistant prioritizes your privacy and handles sensitive information securely.
13. **Customization**: Allow for customization of its appearance, voice, and behavior to suit your preferences.
14. **Feedback and Learning**: Enable your assistant to learn from your interactions and improve over time.
15. **Integration with External Services**: Connect your virtual assistant to other apps and services you use, like email, social media, or productivity tools.
16. **Emotional Interaction**: Some virtual assistants are designed to recognize and respond to emotional cues in your voice or text to provide a more human-like interaction.
17. **Task and Context Switching**: Support context switching, so you can ask follow-up questions or provide additional context for ongoing tasks.

Remember that the specific features you include in your personal virtual assistant will depend on your individual needs, preferences, and technical capabilities. You can start with a basic set of features and gradually expand and customize your assistant as you see fit. Additionally, consider privacy and security measures to protect your personal information when developing and using your virtual assistant.