Phase 2: Turning Our Idea into a Cool Chatbot - Building "meta boi"

Alright, folks, in Phase 1, we laid the groundwork for our project, creating the concept for our chatbot "meta boi." Now, it's time to get our hands dirty and turn that idea into a real chatbot that's gonna acutually work. Here's the lowdown on how we're gonna do it:

Step 1: Getting Our Tech Gear On

1.1. Setting Up IBM Cloud: We're gonna dive into IBM Cloud and set up the playground where "meta boi" will come to life.

1.2. Development Tools: We'll go to IBM cloud account and use WatsonX assistance to create a bot and deploy it .

Step 2: Bringing "meta boi" to Life

2.1. Configuring Watson Assistant: This is where we create our chatbot's brain. We'll set up Watson Assistant and make it ready for action.

2.2. Intents and Entities: Time to teach "meta boi" to understand what users are saying. We'll define intents (what users mean) and entities (specific info) based on the FAQs we found earlier.

2.3. Chat Flow Design: We're gonna sketch out how "meta boi" talks to users. What does it say when someone asks a question? We're making sure it's a smooth chat.

2.4. Giving Personality: "meta boi" needs to have some character. We'll inject its name, tone, and style into its responses. Let's make it friendly and cool!

Step 3: Training and Testing

3.1. Collecting Data: We'll collect a bunch of questions and answers to train our chatbot. Real-life examples, you know.

3.2. Training Watson: We'll train Watson Assistant using all the data we collected. It's like teaching it how to understand and respond to users better.

3.3. Testing and Tweaking: We're gonna throw all sorts of questions at "meta boi" to see how it performs. If it stumbles, we'll fix it up and make it smarter.

Step 4: Hooking Up with Messaging Apps

4.1. Messenger Integration: We'll link "meta boi" with Facebook Messenger. So, users can chat with it right on Messenger.
Step 5: Making It User-Friendly

5.1. Designing the Look: If we want, we'll make "meta boi" look pretty on the messaging apps. Nice visuals always help.

5.2. User Testing: Some lucky folks will get to test "meta boi." We'll gather their feedback to make it even better.

5.3. Accessibility: We'll ensure everyone can use "meta boi," We're keeping it inclusive.

Step 6: Guides and Training

6.1. How to Use It: We'll create a guide for users, showing them how to chat with "meta boi" and get the most out of it.

6.2. Admin Training: For the team managing "meta boi," we'll prepare some training materials. They gotta know how to keep our chatbot sharp.

Step 7: Launch and Keep an Eye On It

7.1. Deployment: Time to set "meta boi" loose in the real world. Users can now chat with it for real.

7.2. Monitoring and Stats: We'll use tools to track how "meta boi" is doing. Are people happy with it? We'll find out and make improvements. (we could try it with our college /fellow students)

Step 8: Keeping "meta boi" Fresh

8.1 Listen to Users: We'll keep in touch with users, ask them for feedback, and make "meta boi" even cooler based on what they say.

That's a wrap for Phase 2! We've turned our chatbot dream into reality, and now it's out there in the messaging world, ready to chat with users and help them out. Stay tuned for the next phases where we'll keep making "meta boi" even better. 🤖 ✌️