Certainly! Below is a task breakdown for each User Story (US) in your AI Chat Mobile App epic. Tasks are actionable steps for developers, designers, and QA teams.

### **1. User Authentication & Profiles**

#### **US1:** Sign Up/Login

* **Tasks:**
  1. Design login/signup UI (email, Google, Apple).
  2. Implement Firebase Auth (or equivalent) for email/social login.
  3. Write unit tests for authentication flows.
  4. Add error handling (e.g., invalid email, network issues).

#### **US2:** Customize Profile

* **Tasks:**
  1. Create profile edit screen (avatar upload, name, bio).
  2. Integrate with storage (e.g., Firebase Storage for avatars).
  3. Sync profile data with backend database.

#### **US3**: Reset Password

* **Tasks:**
  1. Add the "Forgot Password" link to the login screen.
  2. Implement email service (e.g., SendGrid) for reset links.
  3. Test edge cases (expired links, invalid tokens).

### **2. AI Chat Interface**

#### **US4:** Real-Time AI Chat

* **Tasks**:
  1. Integrate AI API (e.g., OpenAI/Claude) with mobile app.
  2. Design chat UI (message bubbles, typing indicator).
  3. Implement WebSockets/long-polling for real-time responses.
  4. Optimize latency (loading spinners, local caching).

#### **US5:** Multi-Language Support

* **Tasks**:
  1. Add language dropdown in settings.
  2. Configure AI API to accept language headers (e.g., Accept-Language: es).
  3. Localize UI strings (i18n libraries like flutter\_localizations).