D**iverse evaluation examples** to assess the intern's RAG implementation:

**🧪 Example 1: Low Risk**

**User Input:**

"I feel a bit nauseous in the mornings, and I’ve had some mild back pain."

**Expected Chatbot Response:**

* Explanation: These are common in early pregnancy due to hormonal changes and ligament stretching.
* **Risk Level:** 🟢 **Low Risk**
* **Suggested Action:** Monitor at home; routine prenatal care is sufficient.

✅ **Evaluation Criteria:**

* Chatbot should not overreact.
* Pulls from normal symptom section.

**🧪 Example 2: Medium Risk**

**User Input:**

"I've been vomiting more than three times a day for the past two days and feel very dehydrated."

**Expected Chatbot Response:**

* Explanation: Suggests possible **hyperemesis gravidarum**, which may require medical attention.
* **Risk Level:** 🟡 **Medium Risk**
* **Suggested Action:** Recommend contacting a doctor within 24 hours.

✅ **Evaluation Criteria:**

* Detects frequency threshold.
* Retrieves relevant condition from symptom section.

**🧪 Example 3: High Risk**

**User Input:**

"I have a severe headache that won’t go away, my vision is blurry, and my feet are swollen."

**Expected Chatbot Response:**

* Explanation: Classic symptoms of **preeclampsia**, a serious pregnancy complication.
* **Risk Level:** 🔴 **High Risk**
* **Suggested Action:** Immediate visit to the ER or OB emergency care.

✅ **Evaluation Criteria:**

* Recognizes red flag combinations.
* Response is empathetic and urgent.

**🧪 Example 4: Trimester Contextualization**

**User Input:**

"I'm in week 7 and have severe abdominal pain on one side and feel dizzy."

**Expected Chatbot Response:**

* Explanation: Could indicate **ectopic pregnancy**, especially in early weeks.
* **Risk Level:** 🔴 **High Risk**
* **Suggested Action:** Emergency care required.

✅ **Evaluation Criteria:**

* Understands trimester + symptom combination.
* Retrieves from symptom timeline & red flag combinations.