Flow Diagram for Educational Bot "Aria"

```
Start
|
v
Student Entry -> Choose Option
|
|__ Email Registration -> Register Email -> Initial Level Test -> Level Determination
|  |
|  v
|  Voice Recognition -> Free Trial & Access Granted
|  |
|  v
|  Daily Session Flow
|    |
|    v
|   Introduction to Topic -> Teaching Phase
|      |
|      v
|     Vocabulary Learning -> Options Menu (Skip, Repeat, Meaning, Translate, More
Examples)
|      |
|      v
|     Grammar Explanation -> Options Menu (Skip, Repeat, More Examples)
|      |
|      v
|     Reading Skills Check -> Options Menu (Skip, Repeat, Meaning)
|      |
|      v
|     Speaking Practice with Aria -> Question and Answer Session
|        |
|        v
|       Options Menu (Skip, Repeat, Meaning, Translate, More Examples, Follow-Up)
|
|__ Direct to Days
  |
  v
  Navigation Between Days
  |
  v
  Progress Tracking
  |
  v
  Continuous Learning Loop
```

Initial Level Test:
- Assess Speaking Skills (A1 to C2)

First Day Activities:
- Introduction to Bot Features
- Vocabulary Learning (e.g., Introductions and Greetings)
- Grammar Explanation (e.g., Present Simple Tense)
- Reading Skills Check (e.g., Short paragraph on daily routines)
- Speaking Practice (e.g., Questions about personal information)

End

Breakdown of the Flow:

1. **Start:**
   - **The student enters the bot.**
2. **Choose Option:**
   - **The student selects one of the following options:**
     - **Email Registration:**
       - **Register with their email for access and confirmation.**
       - **Proceed to take the initial level test.**
     - **Direct to Days:**
       - **Skip email registration and initial test.**
       - **Navigate directly to the daily lessons.**
3. **Email Registration:**
   - **Register the email for access and confirmation.**
4. **Initial Level Test:**
   - **Assess the student's speaking skills to determine their English proficiency level (e.g., A1 to C2).**
5. **Level Determination:**
   - **Determine and inform the student of their English proficiency level.**
6. **Voice Recognition:**
   - **Implement voice recognition for secure interactions.**
7. **Free Trial & Access Granted:**
   - **Provide access for 30 days from the completion of the first day, verified through voice recognition.**
   - **Allow unlimited use during this period.**
8. **Daily Session Flow:**
   - **Introduction to Topic:**
     - **Start each day with an introduction to the topic of the day's lesson.**
   - **Teaching Phase:**
     - **Vocabulary Learning:**

- ■ **Present new vocabulary words.**
- ■ **Allow the student to listen, repeat, or request meanings, translations, or more examples.**
  - ■ **Grammar Explanation:**
    - ■ **Explain grammar points with examples.**
  - ■ **Reading Skills Check:**
    - ■ **Present a paragraph for the student to read aloud.**
    - ■ **Allow the student to skip, repeat, or request meanings.**
  - ■ **Speaking Practice with Aria:**
    - ■ **Ask questions based on the student's level.**
    - ■ **Allow the student to skip, repeat, or request meanings, translations, examples, or follow-up questions.**

9. **Navigation Between Days:**
   - ○ **Provide options for the student to navigate between completed and upcoming days' lessons.**
10. **Progress Tracking:**
    - ○ **Save progress for each student, indicating completed days and performance.**
11. **Continuous Learning Loop:**
    - ○ **Repeat steps 7-10 daily for ongoing learning and improvement.**

Notes:

- ● **Customize the flow and interactions based on specific educational objectives, content, and student preferences.**
- ● **Ensure clarity and ease of navigation for students throughout their learning journey with "Aria."**
- ● **This flow diagram provides a structured approach for students to choose their entry method, register, take tests, and proceed with daily lessons in the educational bot "Aria."**