

## 4.2 Design Level Diagrams

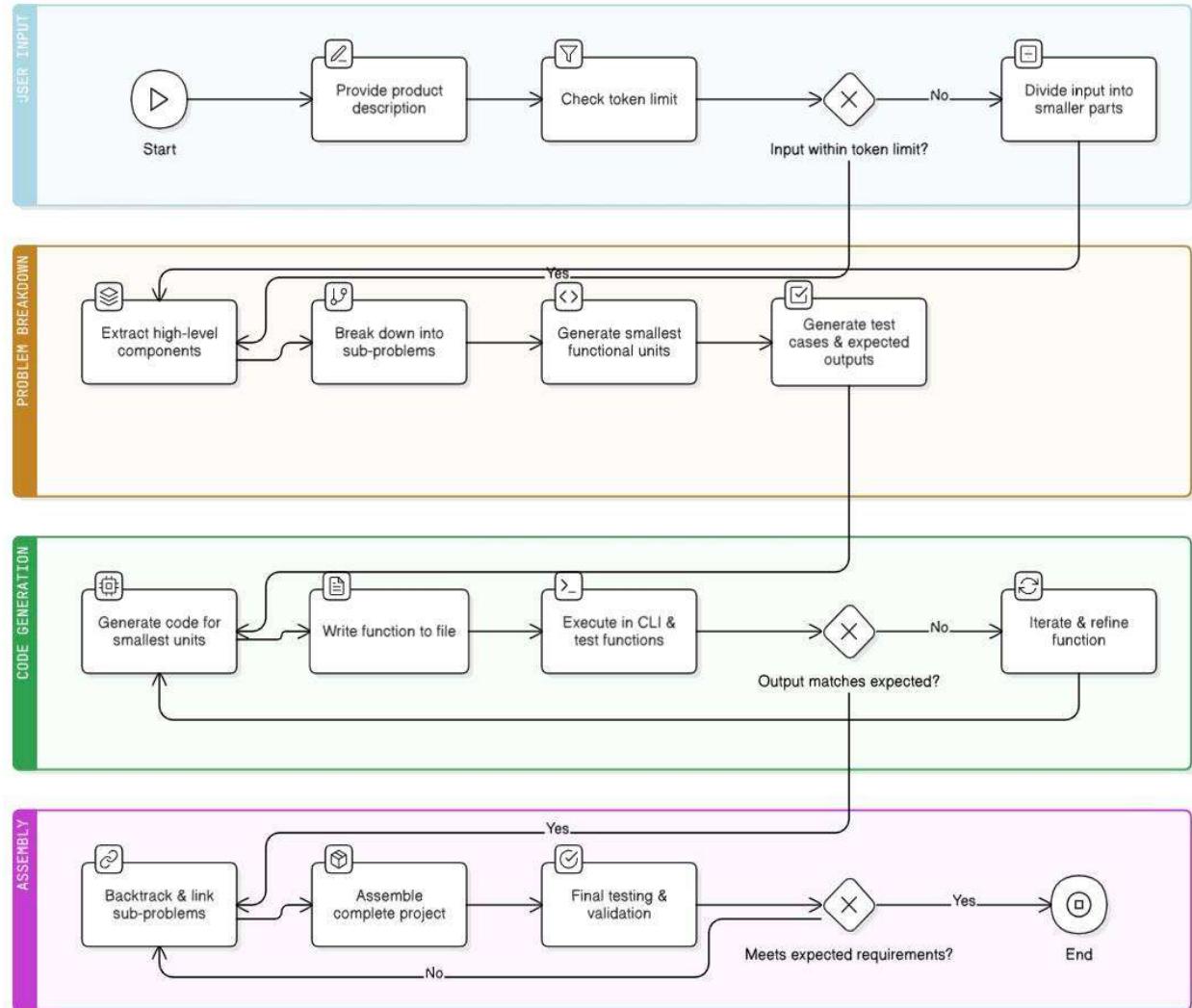


FIGURE 3: Design Level Diagram

### Design Level Diagram Explanation

The design level diagram provides a detailed view of the **workflow and logical progression** of the system from user input to final project assembly. It captures the **step-by-step processing pipeline**, dividing the workflow into distinct layers: **User Input, Problem Breakdown, Code Generation, and Assembly**.