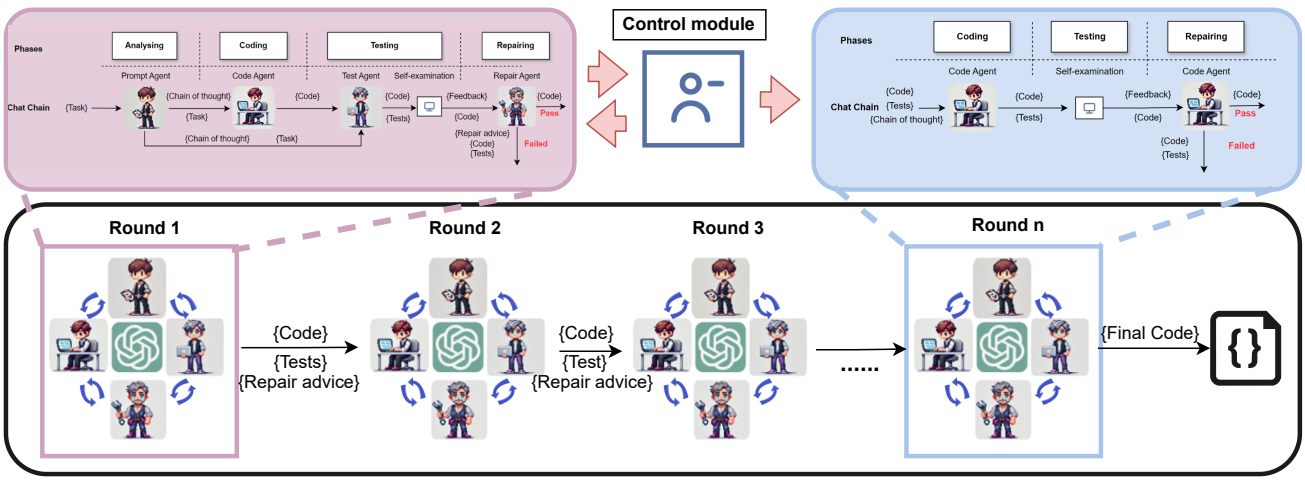
Phases
Analysing
Coding
Testing
Repairing
Prompt Agent
Code Agent
Test Agent
Self-examination
Repair Agent
Chat Chain
{Task}
{Chain of thought}
{Task}
{Code}
{Code}
{Tests}
{Feedback}
{Code}
{Repair advice}
{Code}
{Tests}
{Code}
Pass
Failed
{Chain of thought}
{Task}
Control module
Phases
Coding
Testing
Repairing
Code Agent
Self-examination
Code Agent
Chat Chain
{Code}
{Tests}
{Chain of thought}
{Code}
{Tests}
{Feedback}
{Code}
{Code}
Pass
{Code}
{Tests}
Failed
Round 1
{Code}
{Tests}
{Repair advice}
Round 2
{Code}
{Test}
{Repair advice}
Round 3
.....
Round n
{Final Code}