

# Project Introduction and Architecture: Build a Planning Agent for Deep Research & Structured Report Generation

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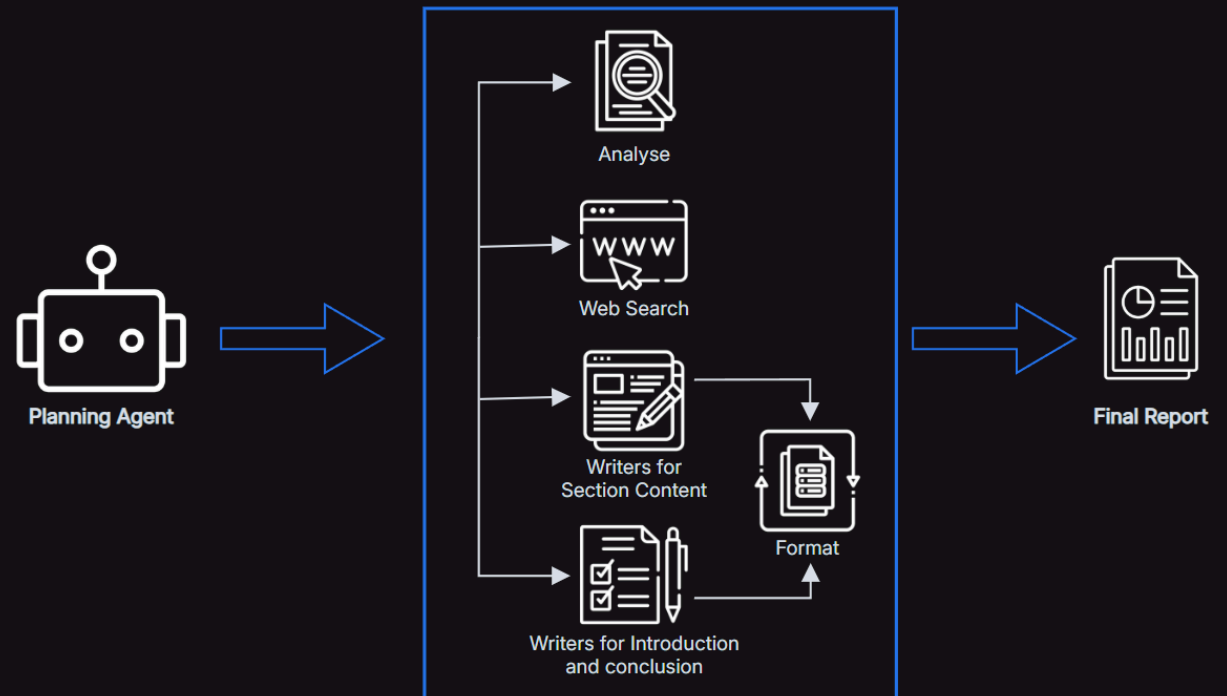
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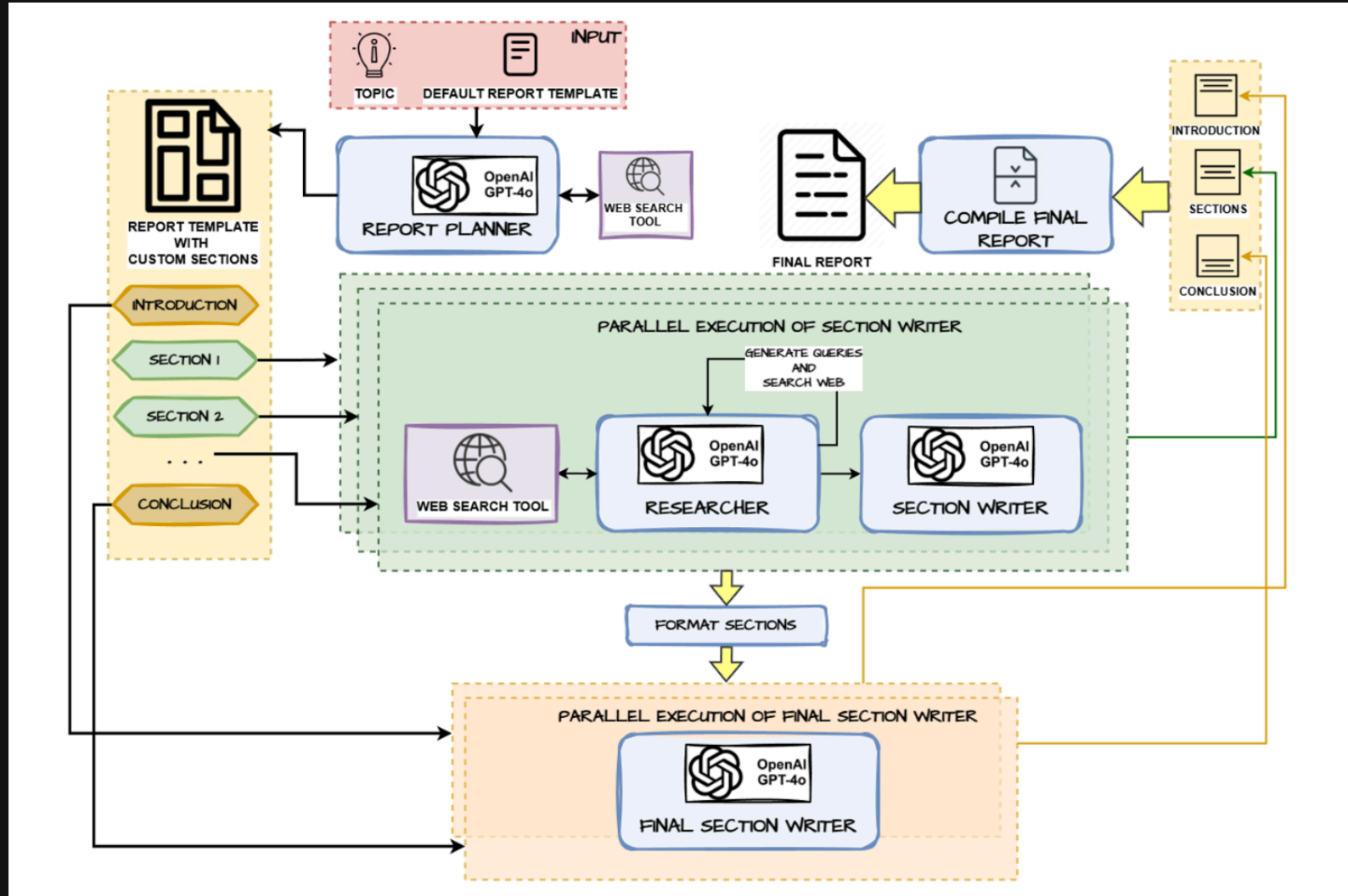


# Project Objectives

- Understand the essentials of parallelizing execution steps in planning agents
- Build an Planning Agent for Deep Research and Structured Report Generation:
  - Analyze user topic and do web research to build a plan for generating a report with key sections
  - Run parallel web searches to get updated information for each section
  - Run parallel writers to write the content for each section
  - Format Completed Sections
  - Run parallel writers to finish writing introduction and conclusion based on the remaining sections
  - Compile everything together into the final report



# Planning Agent for Deep Research & Structured Report Generation Architecture



**Thanks**