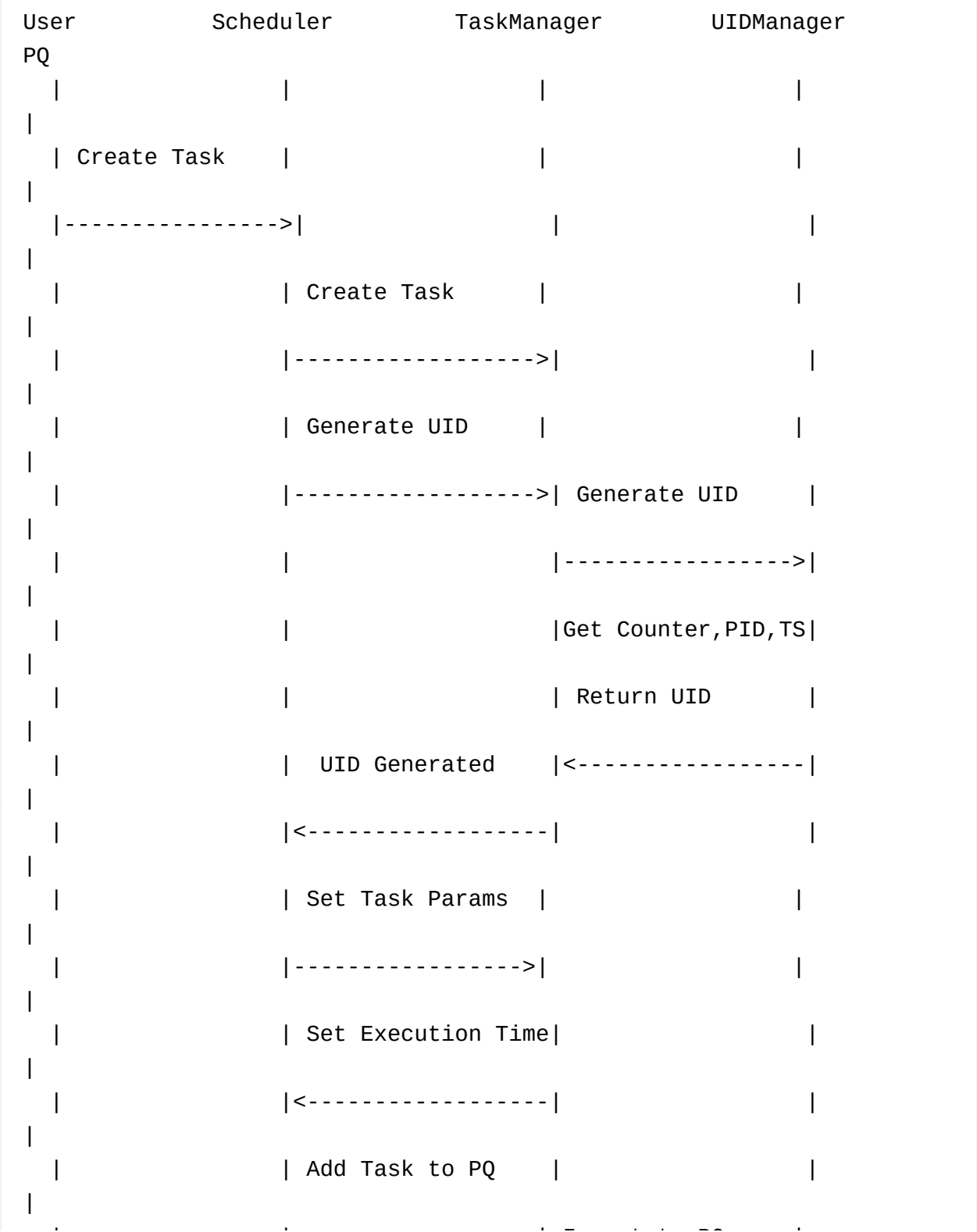
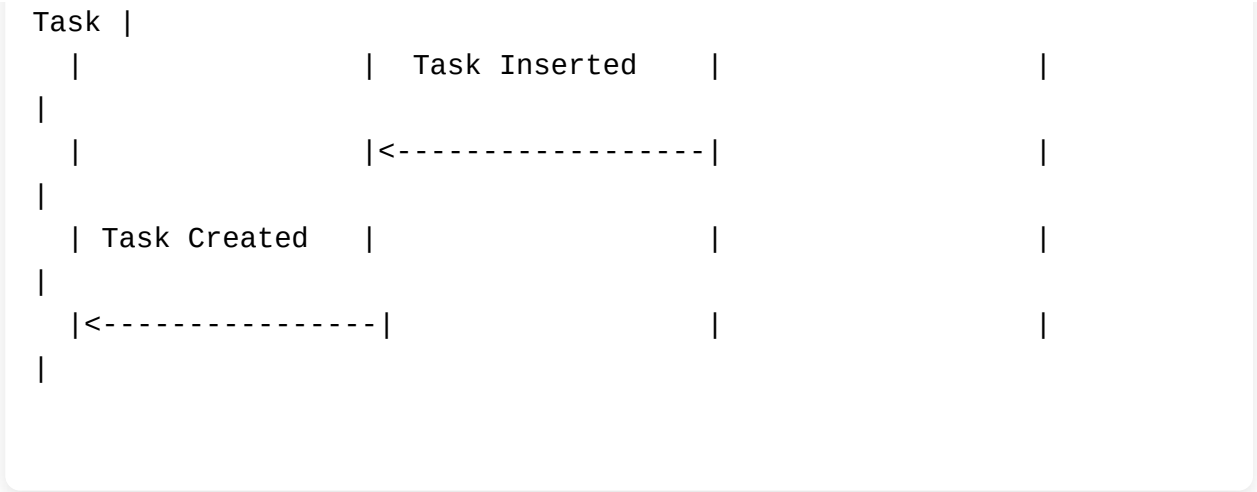


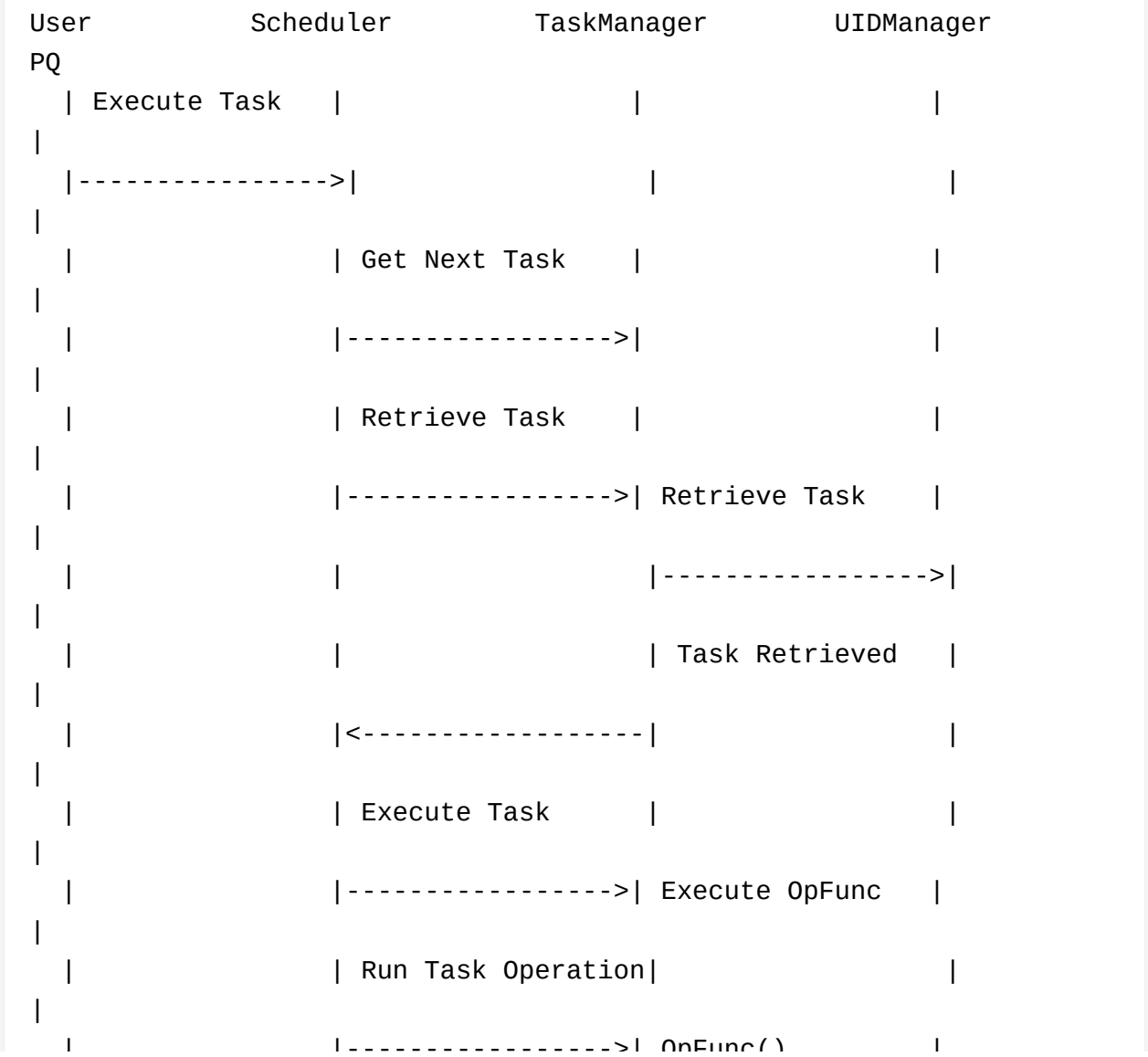
# Scheduler Workflow Diagram

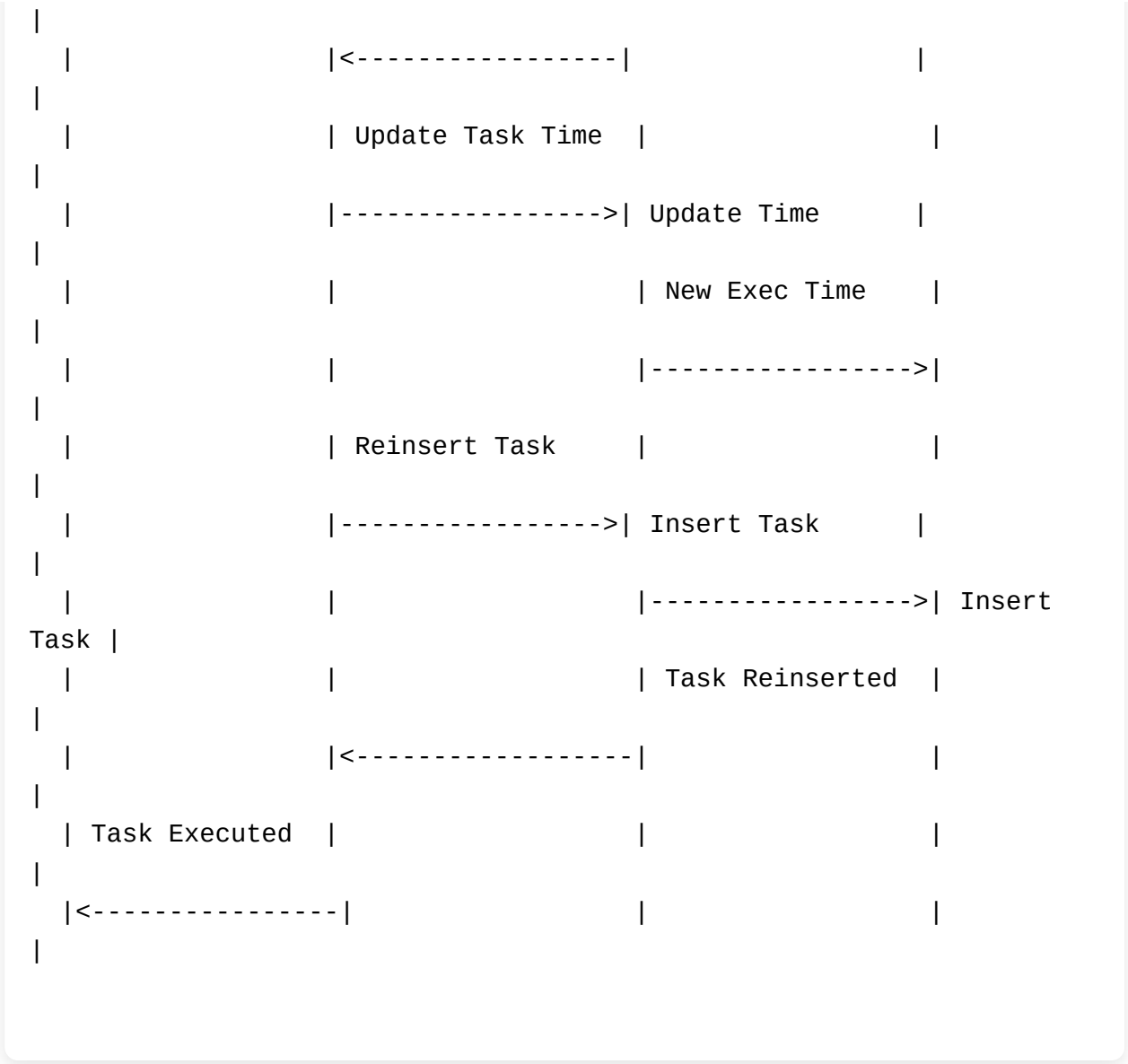
## Task Creation Workflow



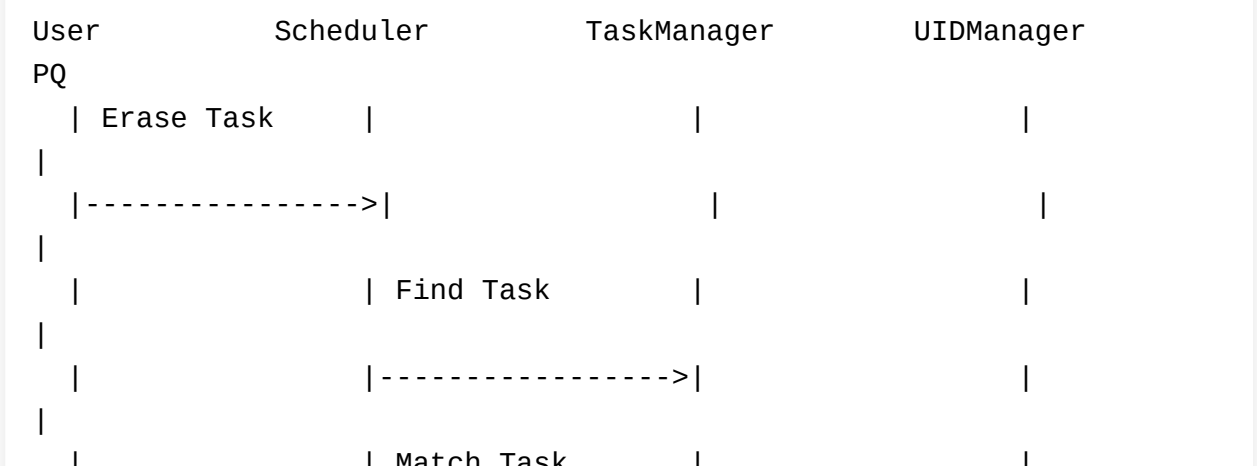


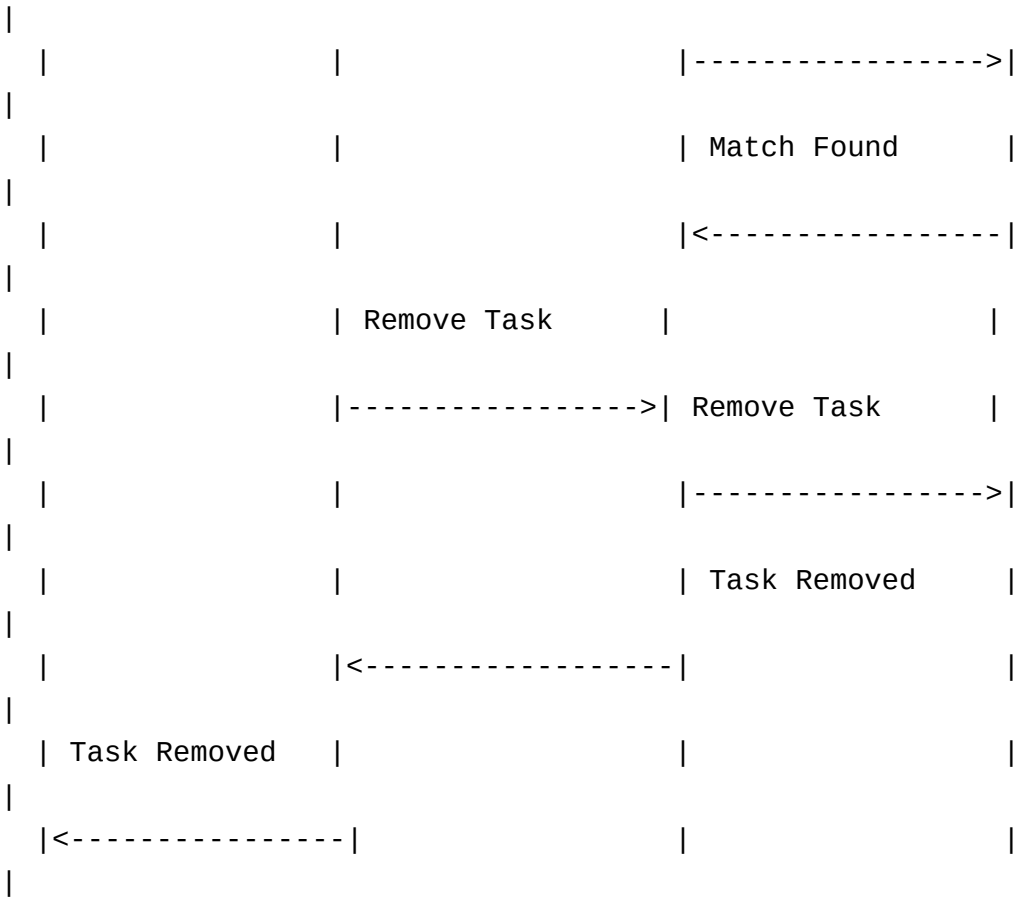
Task Execution Workflow





Task Removal Workflow





## Priority Queue Operations

