

# Test Case Description

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|--------------------------------------|---|--|
| <b>TC Title</b>                      | Testing addJob function, Testing pop function   |  |
| <b>Identification</b>                | 6 (By Yu Zhao)                                  |  |
| <b>Requirement</b>                   | Related source code of scheduler ver.1 included |  |
| <b>Type</b>                          | Function testing                                |  |
| <b>Domain: C unit test</b>           | <b>Feature:add job and pop function</b>         | <b>Sub feature:</b>  |
| <b>Component:<br/>Yu Zhao test.c</b> | <b>Execution Type:<br/>GNU gcc</b>              | <b>Test Case State<br/>done</b>  |
| <b>Description</b>                   | <b>Purpose</b>                                  | To test if addJob and pop function as required   |
|                                      | <b>Method</b>                                   | addJob(job,list),job_temp1=pop(list1)  |
|                                      | <b>References</b>                               |  |
|                                      | <b>Pre-conditions</b>                           | Add five jobs and assign one with High priority, one with medium priority, one with low priority, and two with right now state                     |
|                                      | <b>Run instructions</b>                         | Call addjob function to add five jobs into the list<br>Call pop function to add job temp to temp list  |
|                                      | <b>Pass/Fail criteria</b>                       | Pass: right now state execute immediately, and high priority job is in the head place in the list, medium priority and low priority is next to it. |
|                                      | <b>Post-conditions</b>                          | None   |
|                                      | <b>Test environment</b>                         | windows  |

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|--|-------------------------------|---|
|  | <b>Required<br/>test data</b> | Job1, job2 , job 3, job 4, job 5, lists |
|  | <b>Change<br/>history</b>     | Version 1.0                             |