

The function calls in this implementation is explained below. Detailed explanation in thesis.

main()

```
gsl_rng_env_setup() [ Random number generator initialize ]  
  
  for each TPG {  
  
    exec_time_assign() [Assigns Worst case Execution requirements ]  
  
    initialize()      [ Reads in the meta data produced by rtsched_gen.c]  
  
    generate_gaussian_run_times() [ Run time generation ]  
  
    gsl_siman_solve() [ Offline Simulated Annealing and greedy allocator ]  
  
      greedy_allocator()  
  
    pre_online()      [ Online stage sampling ]  
  
      online_schedule()  
  
  }
```