

P536: ADVANCED OPERATING SYSTEMS

ASSIGNMENT 5: REPORT

TEAM: ROHIT PATIL, SAMEEKSHA VAITY

TASKS OF THE GROUP MEMBERS FOR FUTURE IMPLEMENTATION PART 2:

Task	Implemented By
Modifications in future_cons file.	Sameeksha Vaity
Modifications in future_prod file.	Rohit Patil
Modifications in xsh_prodcons.c to handle the flags FUTURE_SHARED AND FUTURE_QUEUE.	Sameeksha Vaity
Modifications in future_alloc file to allocate memory to the queue and the future created.	Rohit Patil
Modifications in future_free file to deallocate memory assigned to the queue and future.	Sameeksha Vaity
Modifications in future_get file for handling the flags FUTURE_SHARED AND FUTURE_QUEUE.	Rohit Patil
Modifications in future_set file for handling the flags FUTURE_SHARED AND FUTURE_QUEUE.	Sameeksha Vaity
Creating a new user defined file future_queue.h for defining the struct queue as mentioned below: <pre>struct futqueue { int parray(QUEUE_SIZE); int front; int rear; int count; }queue;</pre>	Rohit Patil
Modifications in future.h to accommodate new future flags: 1. FUTURE_SHARED 2. FUTURE_QUEUE	Rohit Patil and Sameeksha Vaity
Created a new file called future_queue which implements queue data structure functions like 1. Enqueue 2. Dequeue 3. IsEmpty We have used queue-pointer instead of default queue	Rohit Patil and Sameeksha Vaity