Individual Project Evaluation
Nidhi Surya Prakash
SUID:215895619

Team members: Malhar Ujawane and Saurabh Pohnerkar

Division of workload

The paper on system nucleus was thoroughly read by all 3 of us and first discussed. We came up with a lot of logics out of which many failed. We agreed on one and started our work based on it. Divided the work load and also helped each other wherever needed.

All 3 of us worked on the 1st system call send message (receiver, message, buffer) together and once we got a hand on how things would work, we divided the work and individually worked on each part. At the end we integrated the code.

Error debugging was handled by all 3 of us as and when one of us had an idea about it.

Individual work done:
- There are 4 system calls to implement – the logic for all 4 were discussed as a group but we divided the implementation of these amongst the three of us.
- I worked on the system call <u>wait answer (result, answer, buffer).</u>

This system call Delays requesting process until an answer arrives in buffer after which this answer is copied into the process and the buffer would be returned to the pool. The result would specify if an answer is a response from another process or if it is a dummy answer which generated by the system nucleus which is a response to a message addressed to a non-existing process.

- As a team we decided that all 3 of us would work on developing the test cases so we can have as many as possible. We came up with 8 testcases out of which I developed 2 testcases – testcase 4 and testcase 8.
- I also was in-charge of the documentation and report creation.

What my team mates worked on:
Malhar Ujawane:
- Worked on the **send answer** system call
- Developed 3 testcases for testing – testcase number: 2,7 and 6
- Main Integration was done on his laptop by him.

Saurabh Pohnerkar:
- Worked on the **wait message** system call
- Developed 3 testcases for testing – testcase number: 1,3 and 4