# Red Hat Enterprise Linux Final Report

# Ben Andrews, Jimmy Hickey, Erika Jensen November 30, 2017

#### **Contents**

1	Process Synchronization Implementation	2
	1.1 Algorithms & Pseudo Code	2
	1.2 Comparison to Red Hat	2
2	CPU Scheduling Implementation	2
	2.1 Algorithms & Pseudo Code	2
	2.2 Comparison to Red Hat	2
3	Memory Management Implementation	2
	3.1 Algorithms & Pseudo Code	2
	3.2 Comparison to Red Hat	2

### 1 Process Synchronization Implementation

- 1.1 Algorithms & Pseudo Code
- 1.2 Comparison to Red Hat
- 2 CPU Scheduling Implementation
- 2.1 Algorithms & Pseudo Code

We implemented the Linux SCHED\_OTHER algorithm.

- 2.2 Comparison to Red Hat
- 3 Memory Management Implementation
- 3.1 Algorithms & Pseudo Code
- 3.2 Comparison to Red Hat

### **Sources**

- 1. IBM developerWorks
- 2. Linux Kernel
- 3. Network World
- 4. Operating Systems Concepts
- 5. Red Hat Website