CS 140 Project 1: Threads Design Document

Nakul Joshi nakul.joshi@usc.edu

 $\begin{array}{c} {\rm Sam~Zhai} \\ yujia.zhai@usc.edu \end{array}$

Zune Nguyen zuneemailaddress

October 11, 2013

Contents

1	Pre	liminaries	2	
2	Alarm Clock			
	2.1	Data Structures	2	
	2.2	Algorithms	2	
	2.3	Synchronization	2	
	2.4	Rationale	2	
3	Priority Scheduling 2			
	3.1	Data Structures	2	
	3.2	Algorithms	2	
	3.3	Synchronization	2	
	3.4	Rationale	2	
4	Advanced Scheduler 2			
	4.1	Data Structures	2	
	4.2	Algorithms	2	
	4.3	Rationale	2	
5	Sur	vev Questions	2	

- 1 Preliminaries
- 2 Alarm Clock
- 2.1 Data Structures
- 2.2 Algorithms
- 2.3 Synchronization
- 2.4 Rationale
- 3 Priority Scheduling
- 3.1 Data Structures
- 3.2 Algorithms
- 3.3 Synchronization
- 3.4 Rationale
- 4 Advanced Scheduler
- 4.1 Data Structures
- 4.2 Algorithms
- 4.3 Rationale
- 5 Survey Questions