Code Modification Report

I. Makefile
- Line 3 & 4

  ```
  CS333_PROJECT ?= 1
  PRINT_SYSCALLS ?= 1
  ```

- Line 16

  ```
  CS333_UPROGS += _date
  ```

II. User.h
- Line 29 – 31

  ```
  #ifdef CS333_P1
  int date(struct rtcdate*);
  #endif // CS333_P1
  ```

III. Usys.s
- Line 33

  ```
  SYSCALL(date)
  ```

IV. Syscall.h
- Line 25

  ```
  #define SYS_date    SYS_halt+1
  ```

V. Syscall.c
- Line 109 – 111

  ```
  #ifdef CS333_P1
  extern int sys_date(void);
  #endif // CS333_P1
  ```

- Line 139 – 141

  syscalls[]
  ```
  #ifdef CS333_P1
  [SYS_date]    sys_date,
  #endif // CS333_P1
  ```

- Line 170 – 172

  syscallnames[]
  ```
  #ifdef CS333_P1
  [SYS_date]    "date",
  #endif // CS333_P1
  ```

- Line 184 - 186

syscalls()
```
#ifdef PRINT_SYSCALLS
cprintf("%s -> %d\n", syscallnames[num], curproc->tf->eax);
#endif
```

VI. Sysproc.c
- Line 101 – 112
```
#ifdef CS333_P1
int
sys_date(void)
{
  struct rtcdate *d;

  if(argptr(0, (void*)&d, sizeof(struct rtcdate)) < 0)
    return -1;
  cmostime(d);
  return 0;
}
#endif // CS333_P1
```

VII. Proc.c
- Line 567 – 571

procdumpP1()
```
uint elapsed = ticks - p->start_ticks;
uint elapsed_second = elapsed/1000;
uint elapsed_millisecond = elapsed % 1000;

cprintf("%d\t%s\t\t%d.%d\t%s\t%d\t",
p->pid,p->name,elapsed_second,elapsed_millisecond,state_string,p-
>sz);
```

VIII. Proc.h
- Line 53 – 55
```
#ifdef CS333_P1
uint start_ticks;          // Control-p
#endif
```