# Specification Document

## Example:

Welcome to Monkey Calendar! Do you want to:   
(T) Test the program for errors  
(R) Run the program   
(Q) Quit   
> R  
Running the program

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>C

Print a calendar for a

(R) Range of Days

(W) Week

(M) Month

(Y) Year

(L) Calculate lunar calendar

> M

Enter the month:

> 13

That is not a valid month (enter -1 to abort)

Enter the month:

> 6

Enter the year:

> 2011

June 2011

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S | M | T | W | T | F | S |
|  |  |  | 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 |  |  |

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

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Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

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(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>A

Add an appointment

Enter the year:

> 2011

Enter the month:

> 6

Enter the day:

> 10

Enter the start time:

> 14:00

Enter the finish time:

> 16:45

Enter the Subject:

> Computer Software Class

Enter the Description

>EKE 749, Computer Software Class in Room 605 Science Library

Do you want lock (Y/N)?

>N

Added!

… more appointments are added

Main Menu, Do you want to:  
(C) Calendar

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(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

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(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>M

Enter the year:

>2011

Enter the month:

> 6

Enter the day:

> 10

Select the appointment. These appointments are available:

1. 14:00-16:45 – Computer Software Class
2. 19:00-21:00 – Dinner with the my family

> 3

That is not a valid appointment (enter -1 to abort):

> 1

Modifying Computer Software Class

Modify Menu:

(Y) Year

(M) Month

(D) Day

(B) Beginning time

(F) Finish time

(S) Subject

(E) Description

(L) Lock

>E

Modifying Description

Current Description:

EKE 749, Computer Software Class in Room 605 Science Library

Enter the new Description:

EKE 749, Computer Software Class in Room 602 Engineering Annex

Updated!

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>S

Saving to a file.

Enter the filename:

>classes.MC

Saved!

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>D

Deleting all appointments. Are you sure (Y/N)?

>Y

Deleted!

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

>L

Loading appointments. Enter the filename:

> classes.MC

Loaded!

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

(M) Modify an appointment

(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

> L

Loading appointments. Enter the filename:

>parties.MC

Loaded!

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> C

Calendar

(C) Print the calendar for a given week/month/year

(A) Add an appointment

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(P) Print all appointments for a given day/week/month/year

(S) Save all appointments to a file

(L) Load all appointments from a file

(D) Delete all appointments

(U) Lunar calendar

(Q) Quit

> P

Print appointments for:

(D) Day

(R) Range of Days

(W) Week

(M) Month

(Y) Year

> D

Enter the Year:

> 2011

Enter the Month:

> 6

Enter the Day:

>10

Schedule:

June 10, 2011

14:00 – 16:45

EKE 749 – Computer Software Class, Room 602 Engineering Annex

17:00 – 18:00

Team Meeting

19:00 – 21:00

Dinner with my family

22:00-23:00

Singing at Norebang

Main Menu, Do you want to:  
(C) Calendar

(M) Memo

(B) Today’s bio rhythm/Today’s luck

(L) Lock/unlock the calendar

(P) Change password

(Q) Quit

> Q  
Quit, are you sure(Y/N)? Y  
Quitting, Good-Bye!