MEETING APPOINTMENT SCHEDULER

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Key features of the project

★ **Ease of input for User :** Throughout the program for almost every input user has to just type a number rather than a complete data like username, date etc.

★ **Calendar :** For every user Calendar keeps a track of each and every appointment in a particular time slot in the working hours of a particular date.

★ **Notifications :** Redundant notifications are discarded.

They are--

  a) Old Notifications.
  b) If Acceptor is busy.
  c) If Seeker is busy.

★ Data Management in Calendar : In Calendar old data is erased and new data is initialized automatically. That is, all the data in the calendar before current date is erased and new data is created.

★ Flexibility in Appointment Type : Seeker can choose the appointment type.
  ● Normal Appointment
  ● Priority Appointment

★ Exception Handling : Exception Handling is used in each and every function and at every step of input by user so that the program will not crash.

★ Console : Data displayed on the console is well organised and spacious. System.clear() function is used so that the data on the console is erased frequently.

★ View Schedule : By selecting View Schedule option, user can see their schedule for four consecutive working days from the current day. User can also see their schedule for four consecutive working days from any further valid date.

Structure of the database

❖ Users_Appointment_Data_Final
  ➢ User 1's Username
  ➢ K1(Seeker's Appointment Count) :

    K1 lines follow.

    Each line has these following details--

    Username, Appointment Type, Date and Time Slot

  ❖ K2(Acceptor's Appointment Count) : Same
  ❖ K3(Notifications of Incoming Requests) : Same

```
Users_Appointment_Data_final - Notepad

File   Edit   Format   View   Help

Aniket12345
8
Vinay12345,Normal,9,5,2018,9,0,am,10,0,am
Manu12345,Normal,9,5,2018,12,0,pm,1,0,pm
Maan12345,Normal,9,5,2018,10,0,am,11,0,am
Meet12345,Normal,9,5,2018,11,0,am,12,0,pm
Kanak12345,Normal,9,5,2018,1,0,pm,2,0,pm
Vijay12345,Normal,9,5,2018,2,0,pm,3,0,pm
Srijan12345,Normal,9,5,2018,3,0,pm,4,0,pm
Nikunj12345,Normal,9,5,2018,4,0,pm,5,0,pm
8
Maan12345,Priority,27,4,2018,4,0,pm,5,0,pm
Meet12345,Priority,30,4,2018,4,0,pm,5,0,pm
Manu12345,Normal,1,5,2018,4,0,pm,5,0,pm
Kanak12345,Normal,2,5,2018,4,0,pm,5,0,pm
Poojan12345,Normal,3,5,2018,4,0,pm,5,0,pm
Vijay12345,Normal,4,5,2018,4,0,pm,5,0,pm
Srijan12345,Normal,7,5,2018,4,0,pm,5,0,pm
Nikunj12345,Normal,8,5,2018,4,0,pm,5,0,pm
0
```

Structure of the Database

❖ Users_Data_Final
  ➢ User 1's Name, Username and Password

    120 Lines follow.

    Each line has these following details--

    Date and Appointment Status.

```
Aniket Parate,Aniket12345,Aniket12345
24,4,2018,00000000
25,4,2018,00000000
26,4,2018,00000000
27,4,2018,00000001
30,4,2018,00000001
1,5,2018,00000001
2,5,2018,00000001
3,5,2018,00000001
4,5,2018,00000001
7,5,2018,00000001
8,5,2018,00000001
9,5,2018,11111111
10,5,2018,00000000
11,5,2018,00000000
14,5,2018,00000000
15,5,2018,00000000
16,5,2018,00000000
17,5,2018,00000000
18,5,2018,00000000
21,5,2018,00000000
22,5,2018,00000000
23,5,2018,00000000
24,5,2018,00000000
25,5,2018,00000000
28,5,2018,00000000
29,5,2018,00000000
30,5,2018,00000000
31,5,2018,00000000
1,6,2018,00000000
4,6,2018,00000000
5,6,2018,00000000
6,6,2018,00000000
7,6,2018,00000000
8,6,2018,00000000
11,6,2018,00000000
12,6,2018,00000000
```

Things that could not be implemented

★ All the mentioned objectives in the SRS have been fulfilled.

Statistics of unit and system testing

- The Test cases have been identified by unit and system testing.

- Automated tools were not used.

- No test cases were missed.

List of Use cases tested

★ Register Student
★ View Student Details
★ Remove Student
★ Update Details
★ Semester Fee Payment
★ Mess Fee Payment
★ View Fee Receipt
★ Change Password

Statistics of the test cases

- Number of functions tested = 12

- Number of functions working correctly = 10

  Number of functions giving error = 2

- TakeAdminInput() and TakeStudentInput() functions were giving error for some particular inputs. Error in the sense these functions should not accept those inputs.

  Eg.   2abcd when given as input is accepted by both the functions.

Conclusion

★ All the objectives in the SRS have been fulfilled but some functions have been used in the code that were not mentioned in the SRS.

★ All the errors mentioned in the Test Report by the Testing Group have been corrected.

Thank you