

# Package userpackage

```
import "GoInAction2/userpackage"
```

[Overview](#)[Index](#)

## Overview ▾

Package userpackage implements the different functions/features used by admin and patient. The functions/features that are associated with admin and patient are in admin.go and patient.go respectively.

## Index ▾

```
func AddToApptList(month int, date int, timeSession int, dentist string, userName string) string
func BrowseDrAppointment(dentist string) ([]string, error)
func EditAppointment(apptId int) (*datatype.ApptDetails, string)
func ListAvailableDentist(apptMonth int, apptDate int) ([]string, error)
func MakeAppointment(apptMonth int, apptDate int, apptTime int) []string
func SearchAppointment(id int) (string, error)
func SearchAvailDentist(month int, date int, timeSession int, isEdit bool) []string
func UpdateAppt(details *datatype.ApptDetails, apptTime int, apptMonth int, apptDate int, name string, apptId int, userName string) string
```

## Package files

admin.go patient.go

## func AddToApptList

```
func AddToApptList(month int, date int, timeSession int, dentist string,
userName string) string
```

AddToApptList will add the new appointment to the system appointment list and return message of the appointment details as a string. It will take in integer inputs for month, day, time, string input for dentist name and username and return a string as an output.

## func BrowseDrAppointment

```
func BrowseDrAppointment(dentist string) ([]string, error)
```

BrowseDrAppointment takes in a dentist name and return his/her appointment list. It will take in string as an input and return a slice of string as an output. If the dentist is not available, an error will be return as well.

## func EditAppointment

```
func EditAppointment(apptId int) (*datatype.ApptDetails, string)
```

EditAppointment will ask the user for the Appointment Id that she/he wants to edit and return a pointer to the appointment details as well as the appointmen details as a string. It will take in Appointment Id as integer input and return a pointer and a string.

## func ListAvailableDentist

```
func ListAvailableDentist(apptMonth int, apptDate int) ([]string, error)
```

ListAvailableDentist will check the user key in the valid date and return list of available dentist as a slice. It will take in integer inputs for month, day and return a slice as an output. If the date is not a valid date, an error will be return as well.

## func MakeAppointment

```
func MakeAppointment(apptMonth int, apptDate int, apptTime int) []string
```

## func SearchAppointment

```
func SearchAppointment(id int) (string, error)
```

SearchAppointment takes in an Appointment Id and return a message with the appointment details. It will take in integer as an input and return a string as an output. If the Appointment Id is invalid, an error will be return as well.

## func SearchAvailDentist

```
func SearchAvailDentist(month int, date int, timeSession int, isEdit bool) []string
```

SearchAvailDentist will search for available dentist given a date and time. It will take in integer inputs for month, day, time and return a slice of string as an output. If isEdit is true means for editing appointment, else is for making appointment.

## func UpdateAppt

```
func UpdateAppt(details *datatype.ApptDetails, apptTime int, apptMonth int,
apptDate int, name string, apptId int, userName string) string
```

UpdateAppt will update the appointment list given the appointment details and return a message of the appointment details as a string. It will take in appointment details pointer, the appointment id, month, date and time slot as integer input as well as dentist name and username as string input and return a string as output.

Build version go1.17.7.

Except as [noted](#), the content of this page is licensed under the Creative Commons Attribution 3.0 License, and code is licensed under a [BSD license](#).

[Terms of Service](#) | [Privacy Policy](#)