Go Documentation Server

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Package server

```
import "GoInAction2/server"
```

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Package server implements the handler functions for the respective routes. Each handler function will execute the respective features according to the route.

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func Browse(res http.ResponseWriter, req *http.Request)
func EditAppt(res http.ResponseWriter, req *http.Request)
func Index(res http.ResponseWriter, req *http.Request)
func List(res http.ResponseWriter, req *http.Request)
func Login(res http.ResponseWriter, req *http.Request)
func Logout(res http.ResponseWriter, req *http.Request)
func MakeAppt(res http.ResponseWriter, req *http.Request)
func SearchAppt(res http.ResponseWriter, req *http.Request)
func Signup(res http.ResponseWriter, req *http.Request)

Package files

server.go

func **Browse**

```
func Browse(res http.ResponseWriter, req *http.Request)
```

Browse is a handler function that will ask the user for the dentist name to browse all the appointments by the dentist. It will read in the request and response and display the browse page using a template.

func **EditAppt**

```
func EditAppt(res http.ResponseWriter, req *http.Request)
```

EditAppt is a handler function that will ask the user for their Appointment Id to edit their appointment. It will read in the request and response and display the edit page using a template.

func **Index**

```
func Index(res http.ResponseWriter, req *http.Request)
```

Index is a handler function that will ask the user to sign up for a new account or log in to their existing account. It will read in the request and response and display the index page using a template.

func **List**

```
func List(res http.ResponseWriter, req *http.Request)
```

List is a handler function that will list the available time slot for a particular dentist. It will read in the request and response and display the list page using a template.

func **Login**

```
func Login(res http.ResponseWriter, req *http.Request)
```

Log in is a handler function that will ask the user to log in to their existing account. It will ask the user for his/her username and passowrd to log in their account as well as creating a new session using the cookie value, which is tagged to the username of the user. It will read in the request and response and display the login page using a template.

func **Logout**

```
func Logout(res http.ResponseWriter, req *http.Request)
```

Logout is a handler function that will log the user out from their account. It will also delete the session using the cookie value, which is tagged to the username of the user. It will read in the request and response and redirect the user to the index page after logging out.

func **MakeAppt**

```
func MakeAppt(res http.ResponseWriter, req *http.Request)
```

MakeAppt is a handler function that will ask the user for information to make their appointment. It will read in the request and response and display the make page using a template.

func **SearchAppt**

```
func SearchAppt(res http.ResponseWriter, req *http.Request)
```

SearchAppt is a handler function that will ask the user for the Appointment Id to search for a particular appointment It will read in the request and response and display the search page using a template.

func **Signup**

```
func Signup(res http.ResponseWriter, req *http.Request)
```

Signup is a handler function that will ask the user to sign up for a new account. It will ask the user for his/her information as well as creating a new session using the cookie value, which is tagged to the username of the user. It will read in the request and response and display the signup page using a template.