

Main.go

User_Service Call

Services

User_Service

- 1)Register New User
- 2)Login User + Log Update
- 3)App Service Call
- 4)LogOut User + Log Update

App_Service

- 1)Create New File
- 2)Read/Write File
- 3)Read Mails
- 4)Send Mails+Mail Service Calling
- 4)Exit

Mail_Service

- 1)List Users with Public RSA Key
- 2)Input Receiver's Id+Key+Subject+ Body of Mail
- 3)Add Mail to receivers Mail Slice

Components

Users

- 1)User Struct
->New User
- 2)Model Level Assign according to Designation.
- 2)Getter and Setter Methods
- 3)Save All Users in File during Exit

Create New User +
Authenticate User

Files

- 1)File Struct
->New Files
- 2)Getter and Setter Methods
- 3)Save All Files Details in File during Exit

Create File

Encryption +Hashing

- 1)Encrypt
- 2)Decrypt
- 3)Hashing

After
Successful
Login

Send Mails