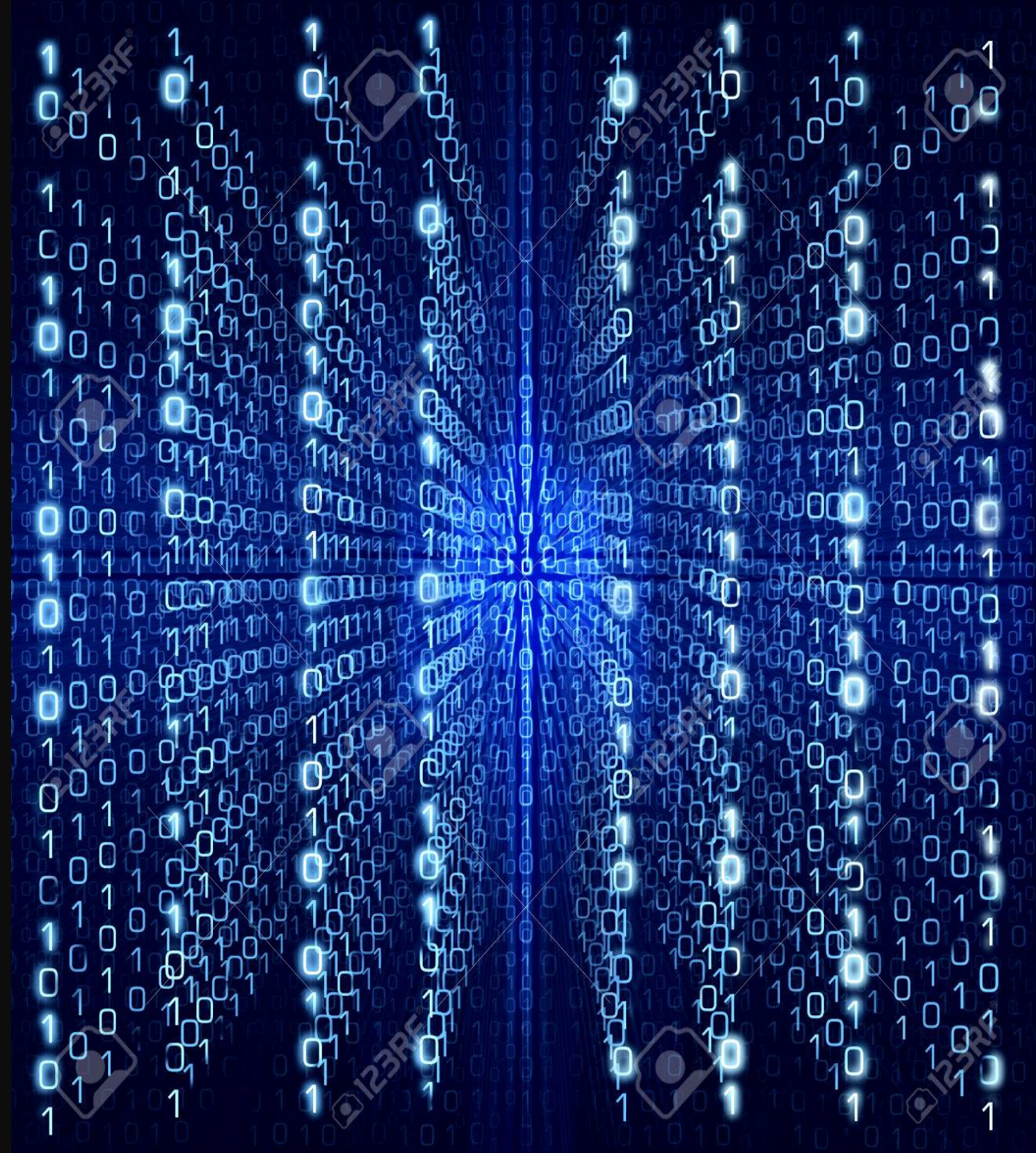# PHOENIX SECURITY SERVICES

A guide to our new Task management system

LAYERS

Software's Welcome Page

Interface

Functions

- Since this software is a Task management system for an Intelligence agency, confidentiality is of utmost importance which is why the welcome page is a cover for a jewelry shop.

- User will have to input their credentials to proceed to the main software.

- Currently there is access to 3 users bearing the following id's and passwords:
  1. User id ; 24100003, Password: daniel123
  2. User id ; 24100174, Password: aadrish123
  3. user id : 786453 , Password: random123

- User is given 3 tries if wrong credentials are entered, after which the program is terminated.

WELCOME PAGE

INTERFACE


```
Hello commander
Welcome to PHOENIX SECURITY SERVICES



Press a function key to execute the function
Key            Function
 e               Text encryption
 d               Text decryption
 c               Write a new message
 i               View your inbox
 a               View your Assignments
 u               update Assignments
 s               Search criminal database
 k               Update criminal database
 l               switch user
 q               Quit
```

- Once logged in, user is shown all the functions that can be used.

- User has to press the function key as displayed and choose the function to execute.

- Each function takes user to a new screen and allows the operation.

- Program can be quitted if the user presses 'q'.

FUNCTIONS

- Text encryption
- Text decryption
- Write a new message
- View your inbox
- View your Assignments
- Update Assignments
- Search criminal database
- Update criminal database

TEXT ENCRYPTION

- User is prompted to enter text to encrypt.

- The program then prints encrypted text using an algorithm that modifies the ascii value of every character differently for every word.

TEXT DECRYPTION

- User is prompted to enter text to decrypt.

- The program then prints decrypted text using the reverse algorithm of encryption.

SENDING MESSAGES

- Users can communicate with each other using this software.

- They are prompted to enter the id(badge number) of the agent they want to contact.

- They type in the subject and the body of the message which appears in the recipients inbox.

- Users are allowed to send encrypted messages.

INBOX

- Inbox function displays all the messages sent to a user.

- Since there are no external memories linked to our program , to view the messages, a new user should log in to the same session in which the message was sent and the program wasn't quit.

ASSIGNMENTS

- Users will choose this tab to view their current assignments.

- All of the assignments assigned to user by the administrator can be viewed.

UPDATING ASSIGNMENTS

- This function can be only used by the administrator to assign new tasks to their agents.

- Administrator will choose any agent and add assignments to their Assignment folder.

CRIMINAL DATABASE

- Criminal database can be used to search information about criminals.

- Searches can be performed using the criminal's first name or the case reference number, which are 1,2,3 and 4 currently

UPDATE CRIMINAL DATABASE

- This function can be used to update certain aspects of criminals already in the database.

- The user is displayed details of the criminal first and then asked about the most recent located time and place in case the criminal was found somewhere or has resurfaced with their activities.

THANK YOU

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