PROJECT REVIEW

Figure a. Start Windows

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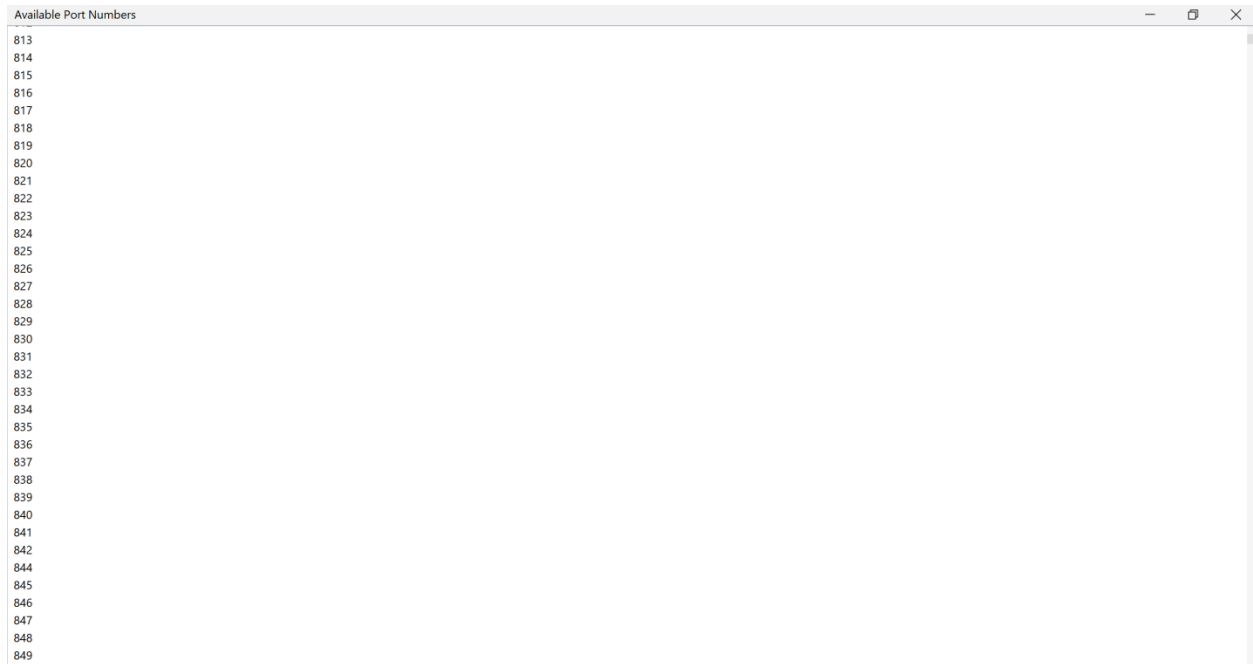840
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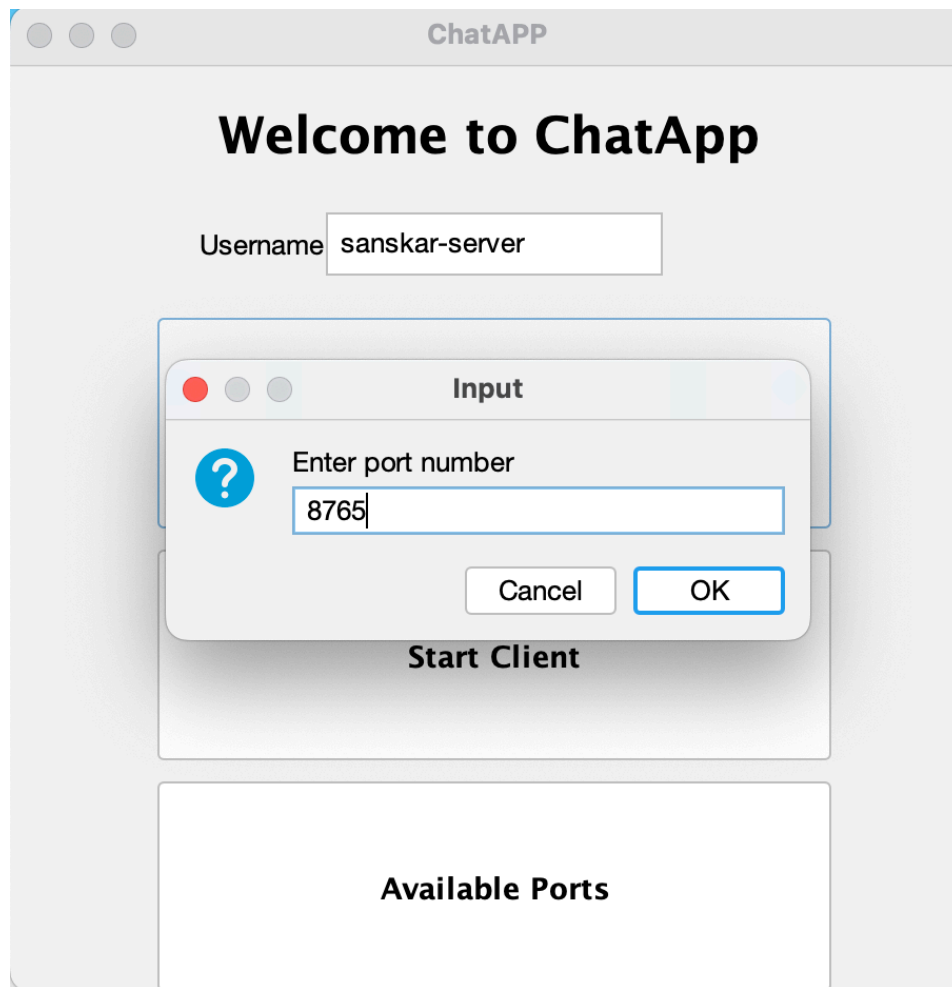848
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Figure b. Available Ports Windows
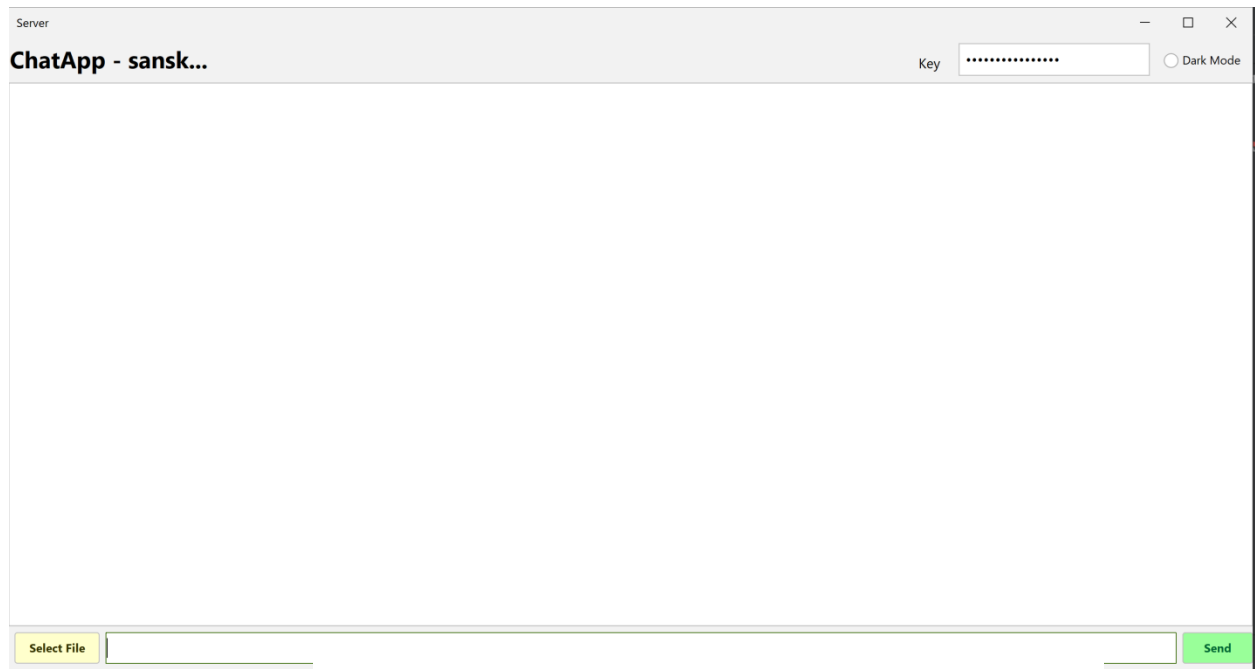
Figure c. Enter Server Port Windows (For Server)

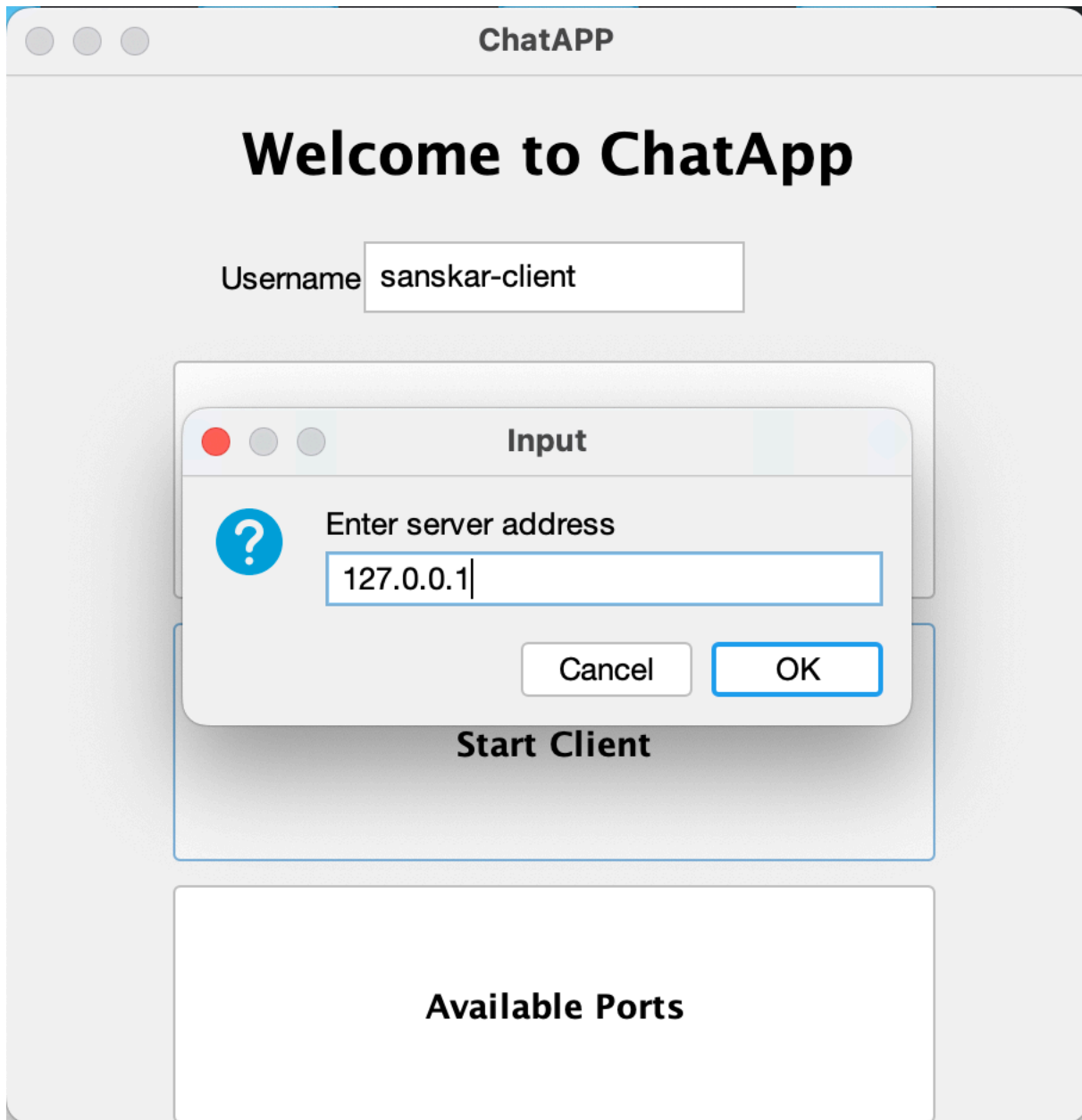Figure d. Server Chat Window

Figure e. Enter Server Address Windows (For Client)

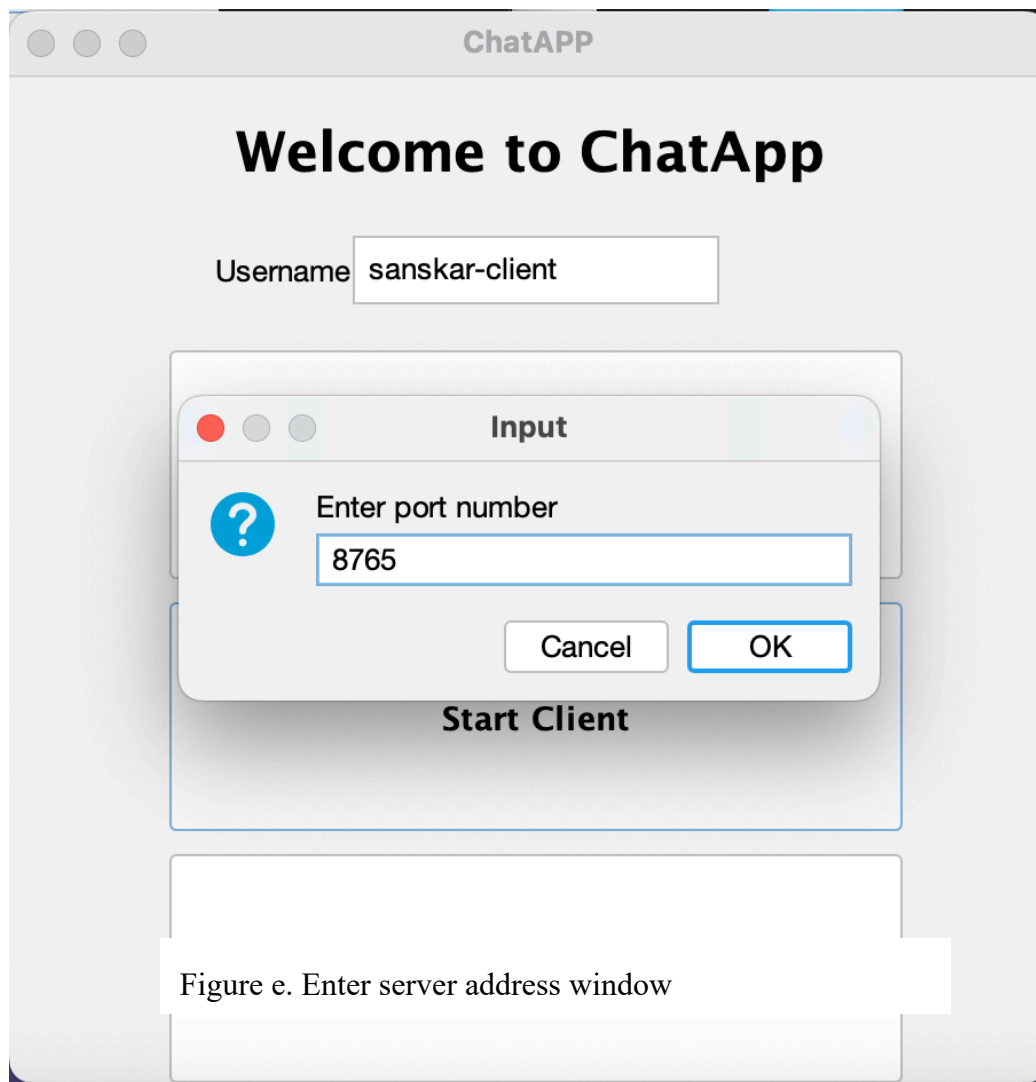Figure e. Enter server address window

Figure f. Enter Client Port Windows (For Client)
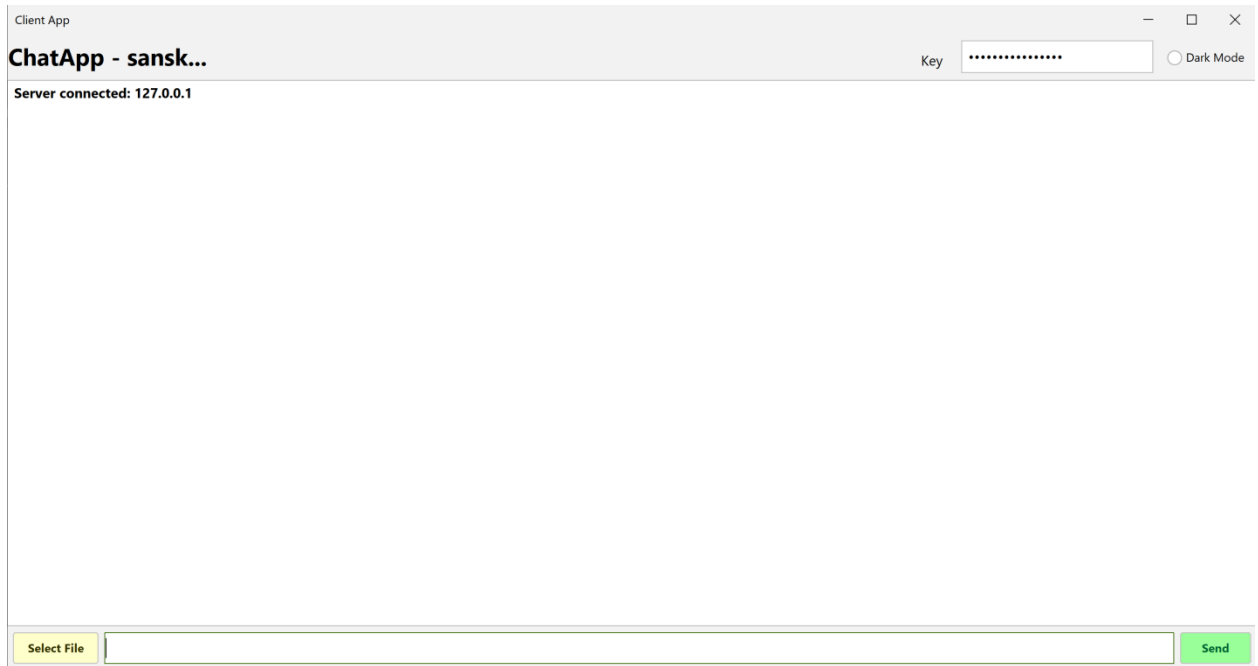
Figure g. Client Chat Window

ChatApp – san...   Key ●●●●●●●●●●●●●●● ○ Dark Mode

Client connected: 127.0.0.1
sanskar-server: hi

[Select File] hi   [Send]

ChatApp – san...   Key ●●●●●●●●●●●●●●● ○ Dark Mode

Server connected: 127.0.0.1
sanskar-server: hi
sanskar-client: hi

[Select File] hi   [Send]

Figure h. Chat between client and server

ChatApp – san...   Key ••••••••••••••••   ○ Dark Mode

Server connected: 127.0.0.1
sanskar-server: hi
sanskar-client: hi
sanskar-client: hello

Select File | hello | Send

ChatApp – san...   Key ••••••••••••••••   ○ Dark Mode

Client connected: 127.0.0.1
sanskar-server: hi
sanskar-client: hi
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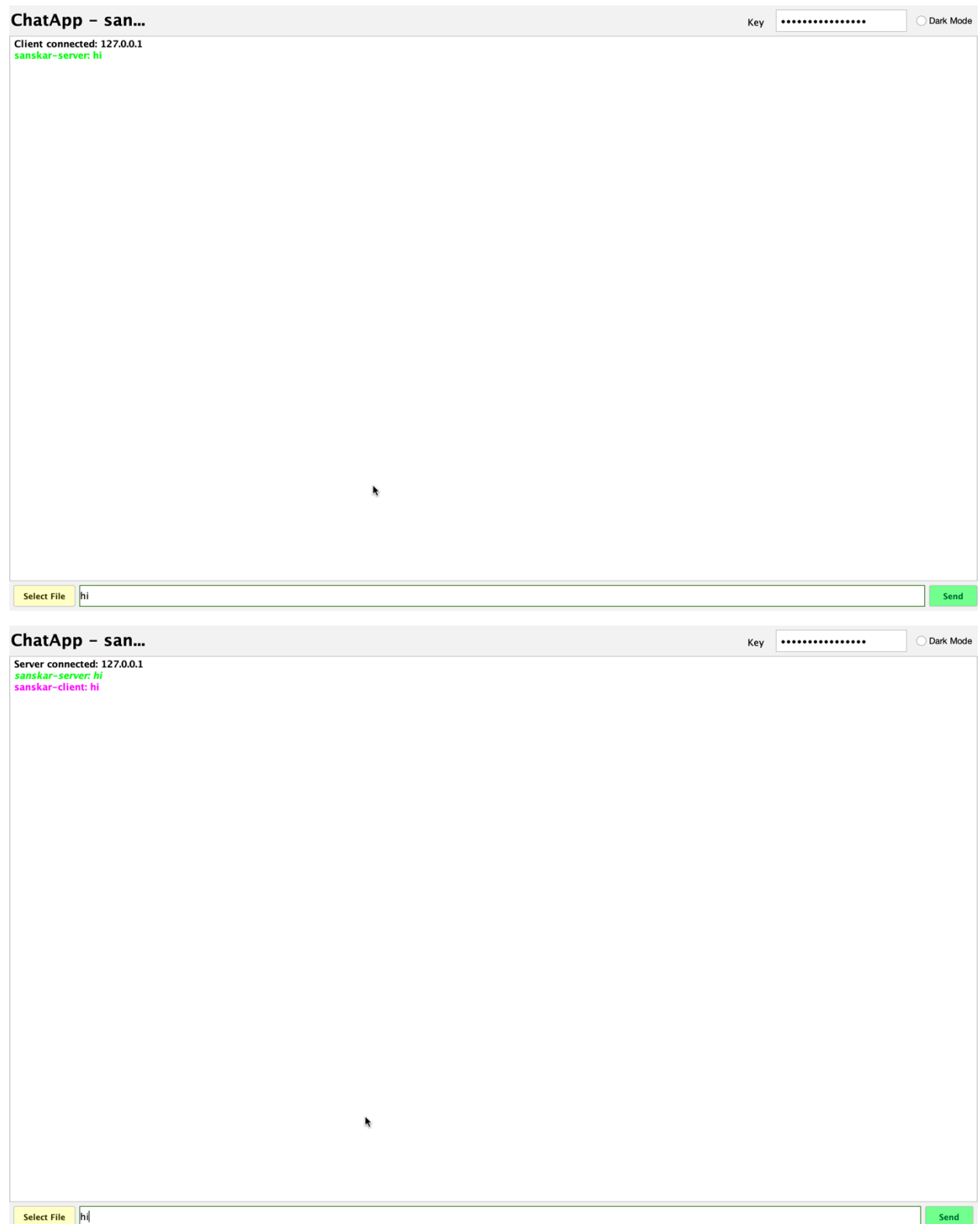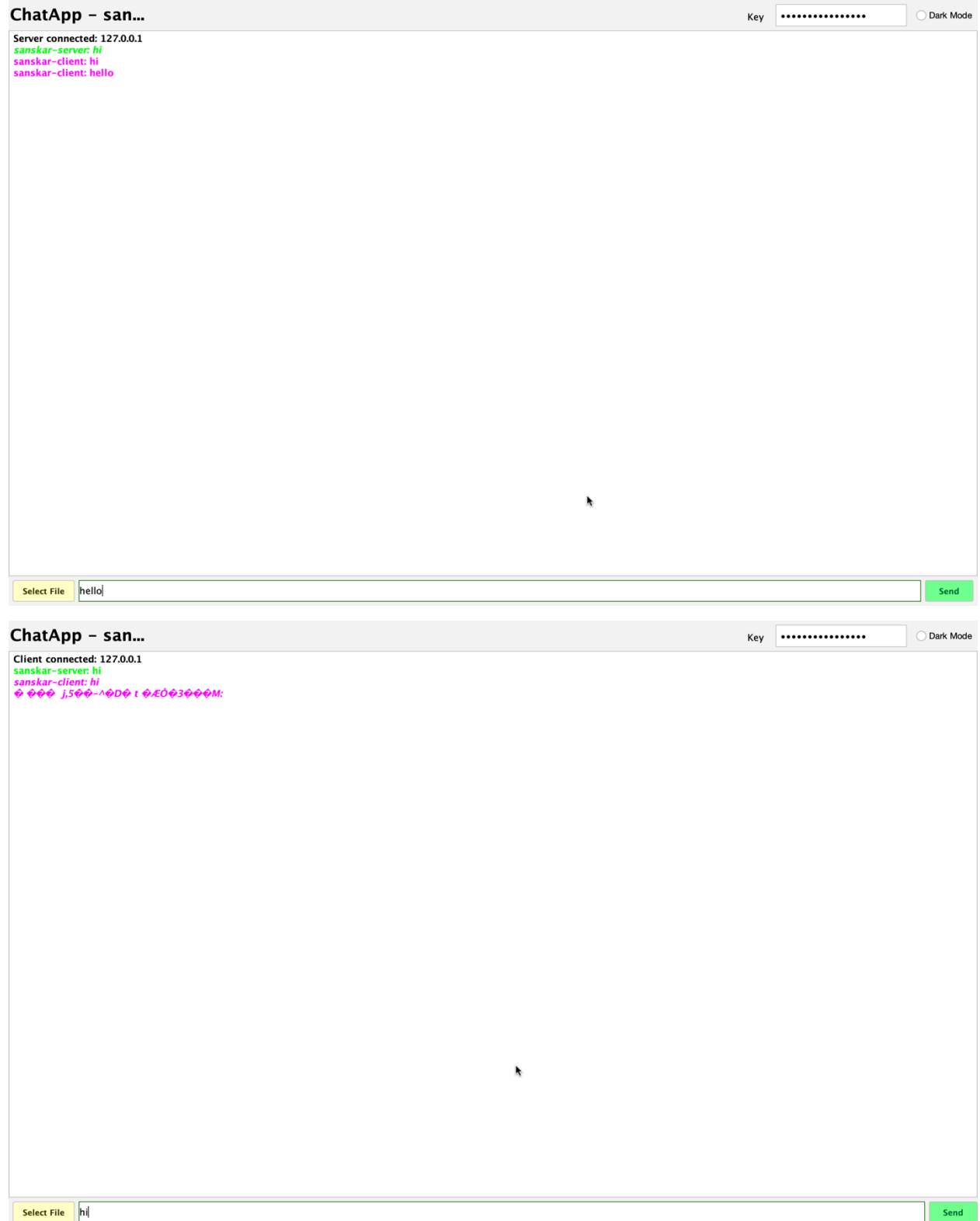Select File | hi | Send

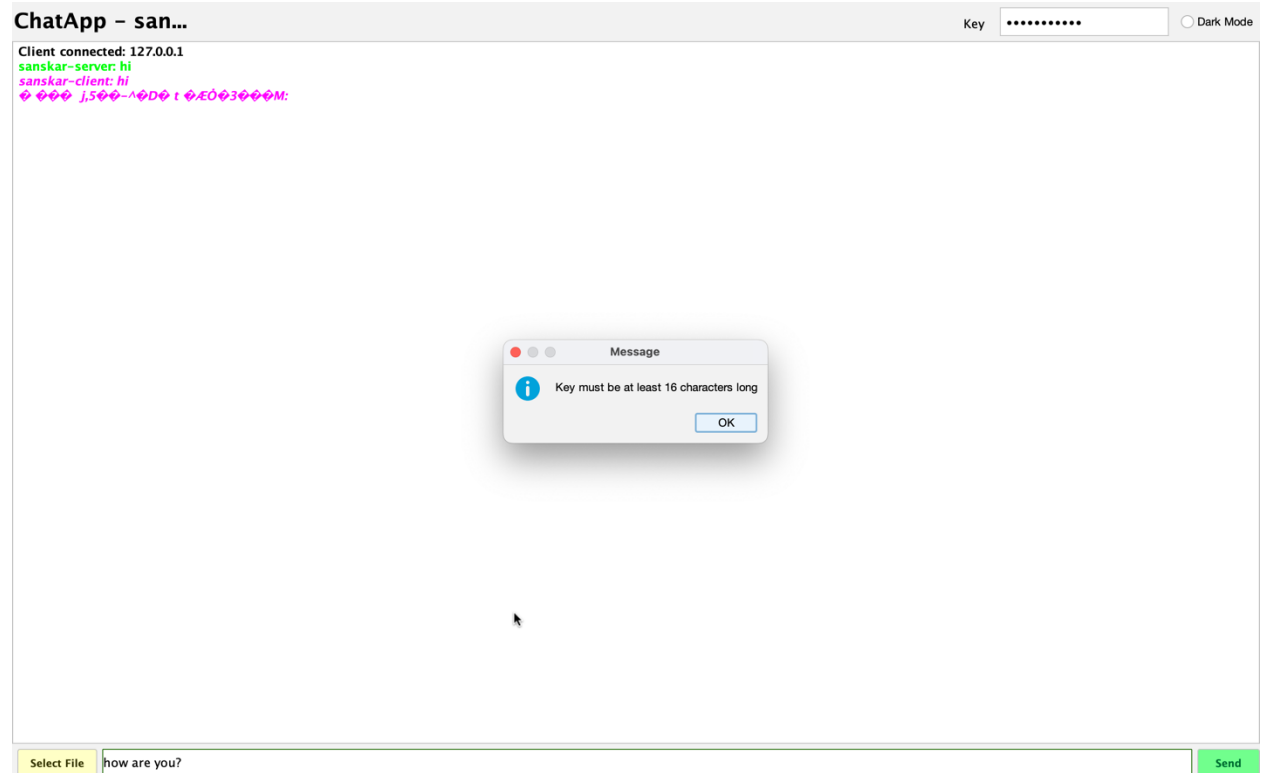Figure i. Chat between client and server when AES-128 encryption key doesn't match

Figure j. When AES-128 encryption key isn't 16 characters long