

#### 11.2.4.1

##### Joining Chat Logic

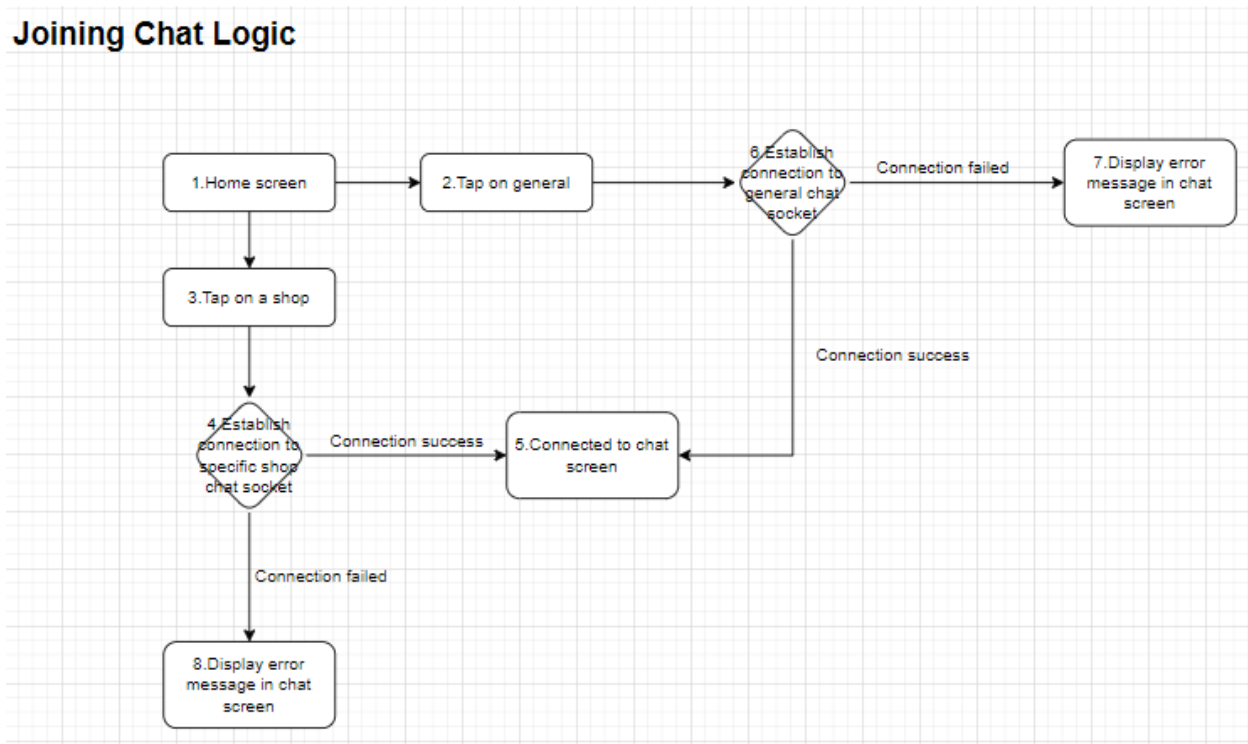


Figure 13: Control Flow for joining chat

#### 11.2.4.2 Basis Path

- a. {1,2,6,5}
- b. {1,3,4,5}
- c. {1,3,4,8}
- d. {1,2,6,7}

#### 11.2.4.3 Testing Case

Test Case (a):

The successful connection to the general chat.

Test Case (b):

The successful connection to a ServiceProvider chat.

Test Case (c):

The unsuccessful connection to a ServiceProvider chat. This occurs if the user is unable to establish the websocket connection

Test Case (d):

The unsuccessful connection to a general chat. This occurs if the user is unable to establish the websocket connection.