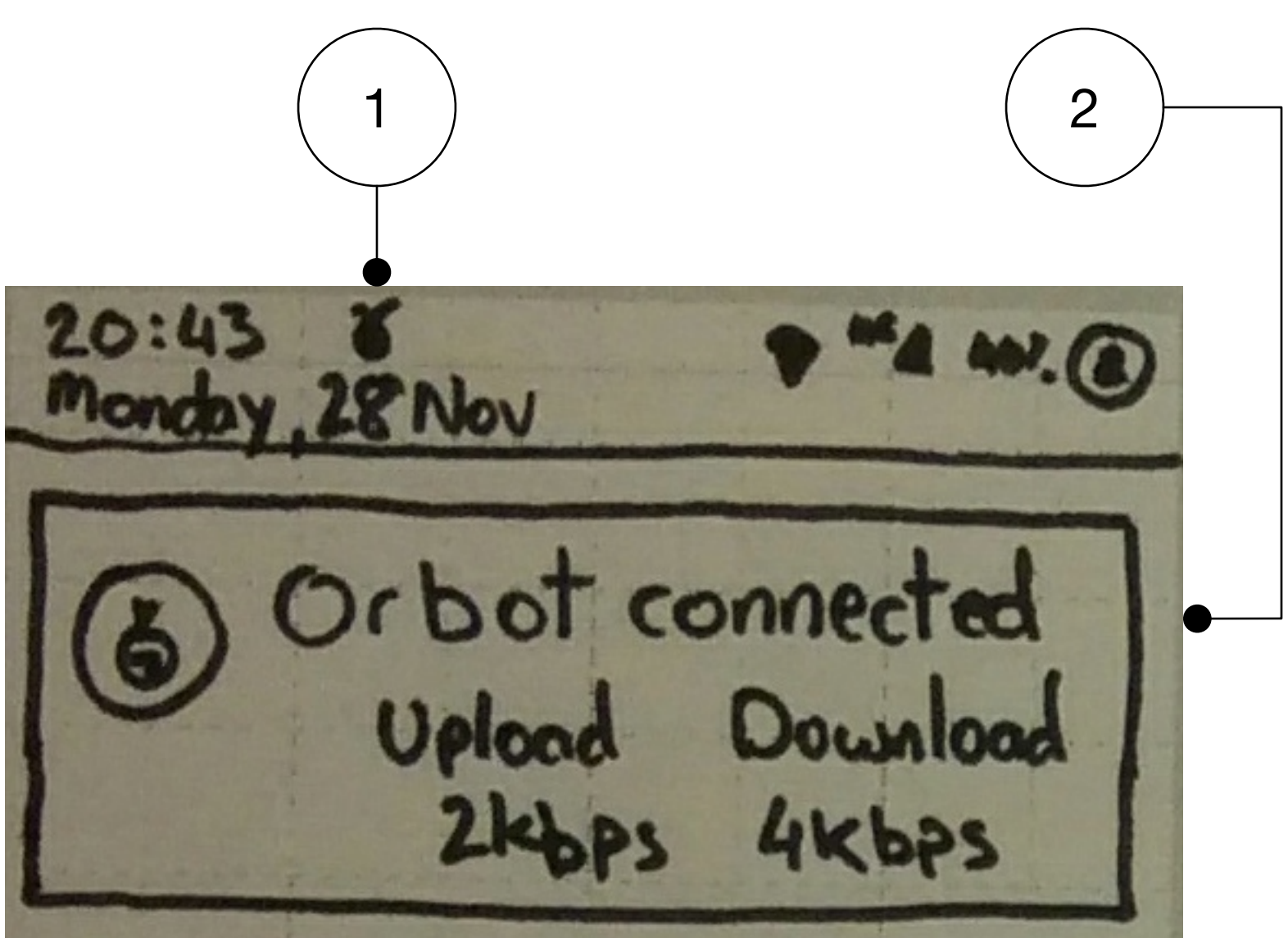
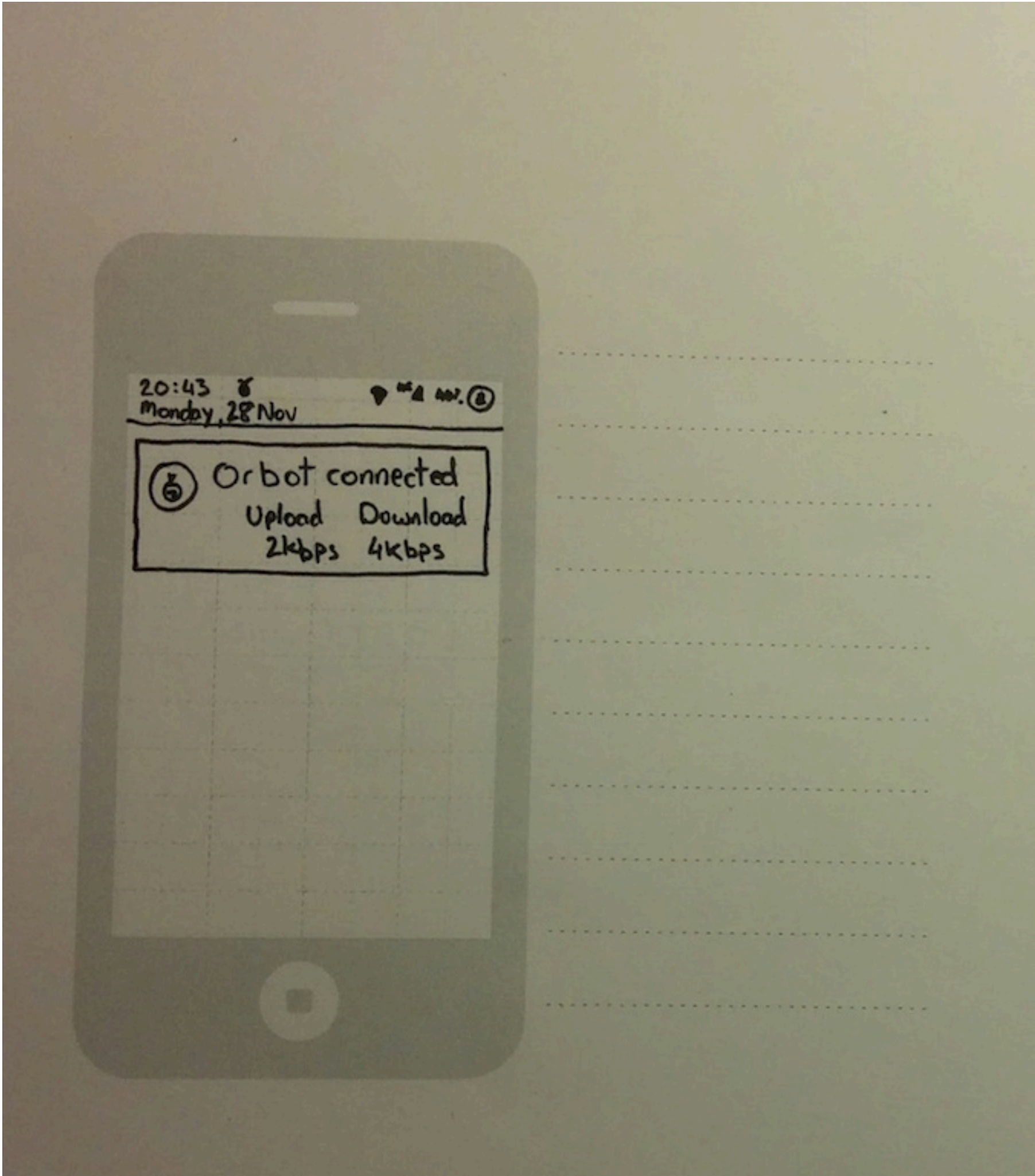


Show Orbot “Connected” status in Android system, and in app main screen

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https://github.com/ei8fdb/orbot-status-ui



Explaining the design decisions

- 1. Currently Orbot displays an icon in the Android Status bar which is present in all statuses.
- 2. Currently Orbot displays a notification in the Android Notification drawer.

2.1 What is different from current design is, in the proposed design Orbot shows it’s current status (here connected), and Upload/Download throughput (here 2Kbps/4Kbps).

2.2 As with current design the user cannot dismiss this notification (by swiping) as it is informing them of the app’s status.

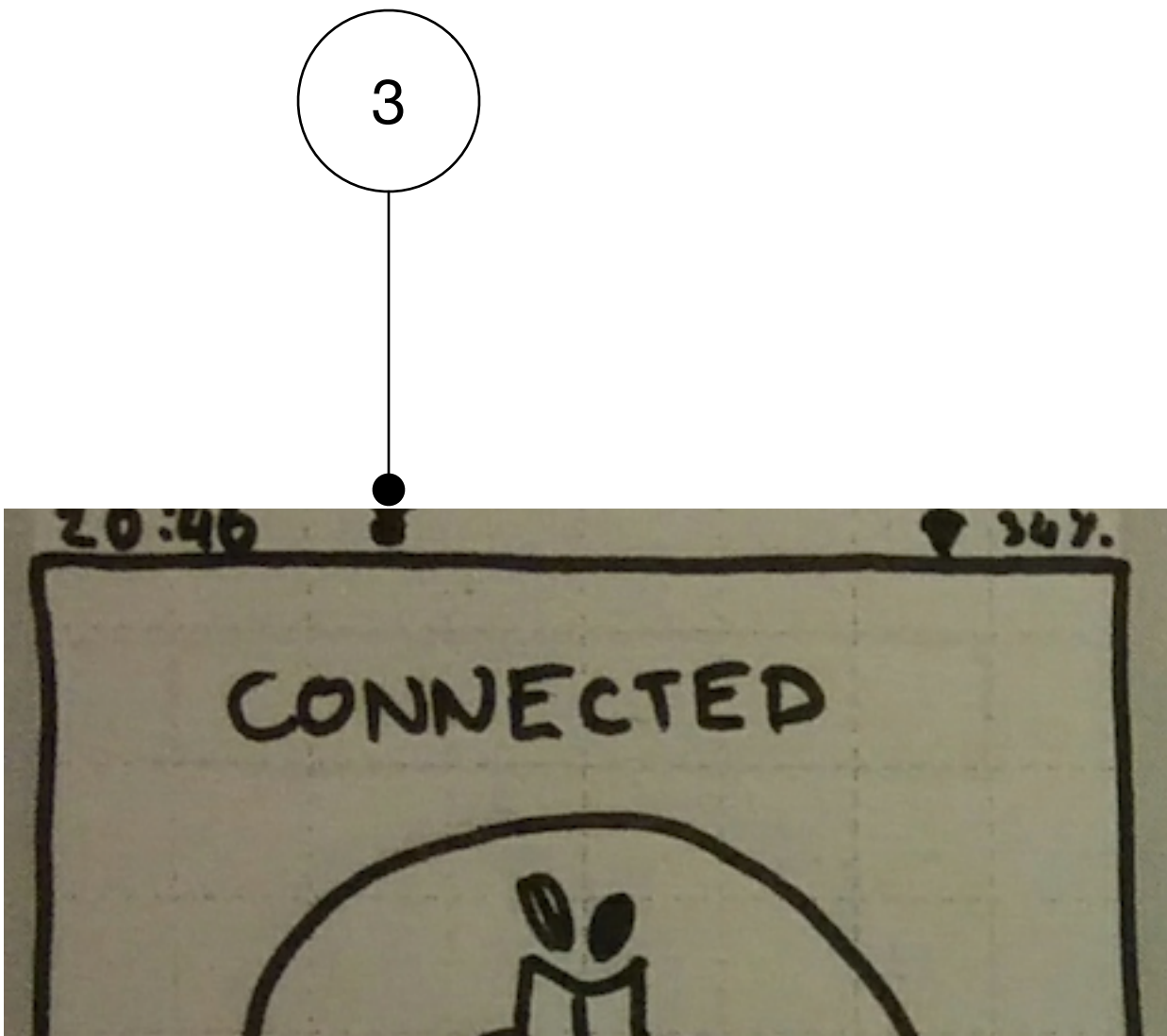
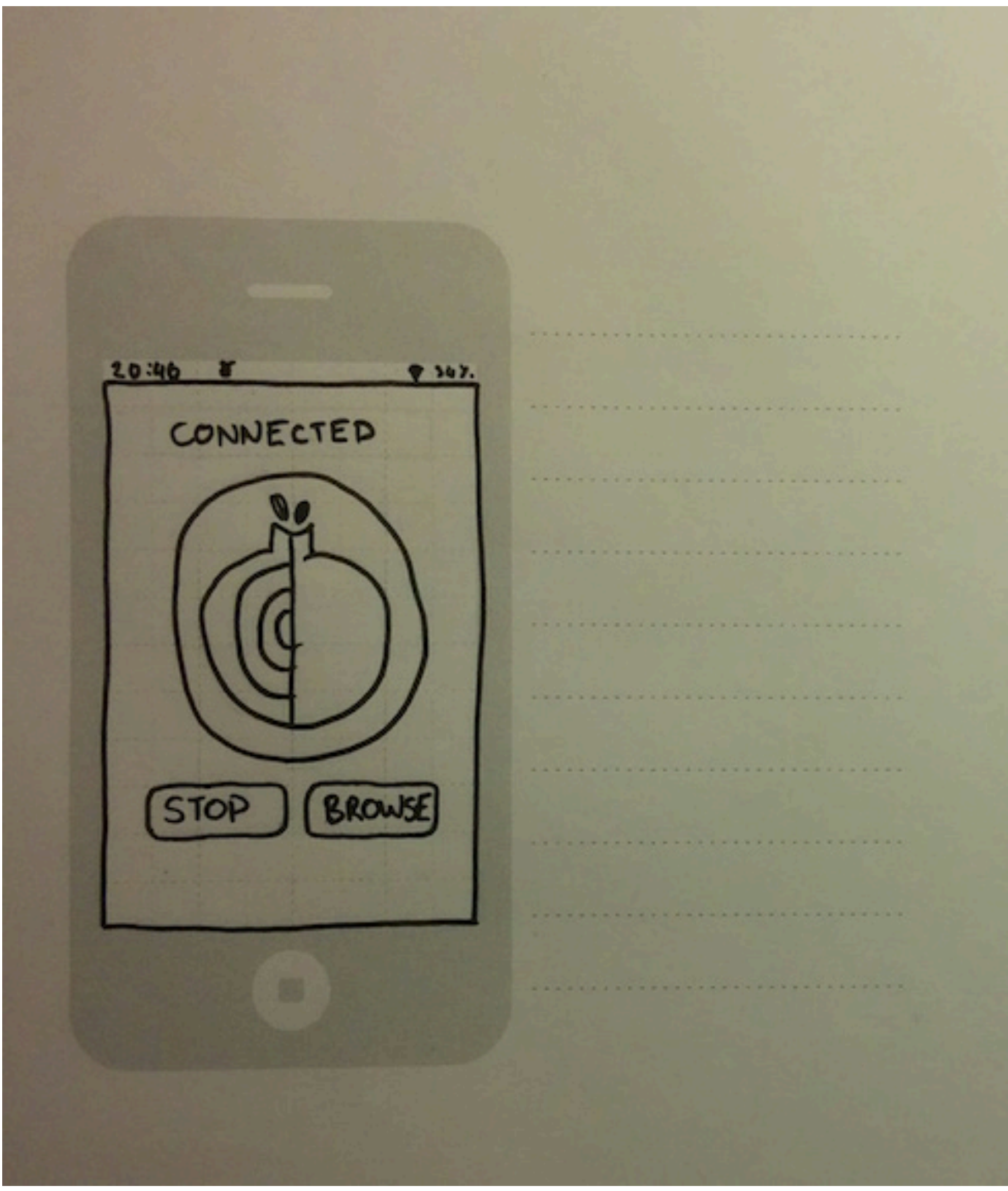
Thoughts

In 2.1 above, this notification could also show other information - e.g. what entry node Orbot is connected to, etc.

Links

https://material.google.com/patterns/notifications.html#notifications-types-of-notifications
https://material.google.com/layout/structure.html#structure-system-bars

Show Orbot status in application main screen: Option 1

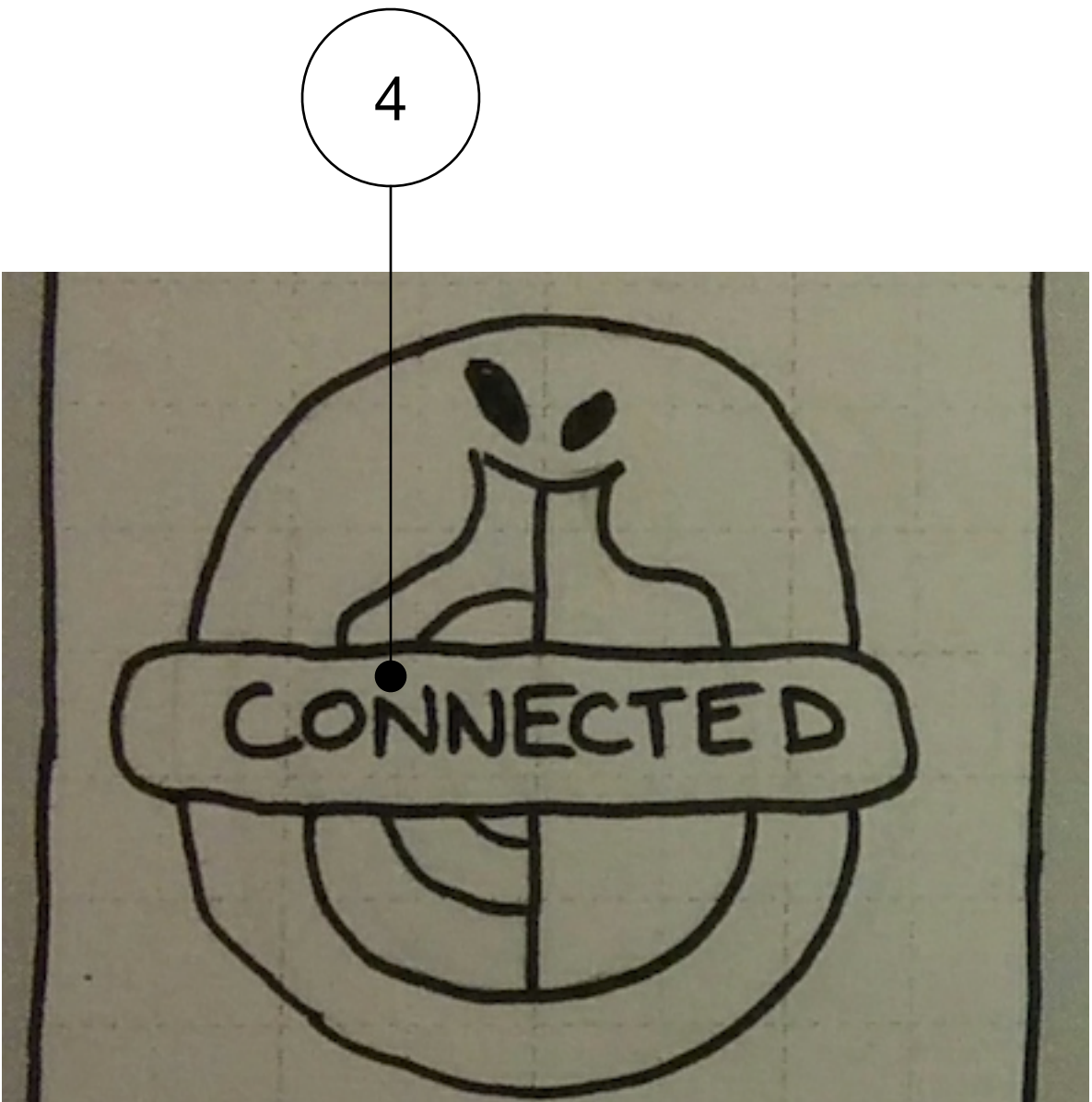
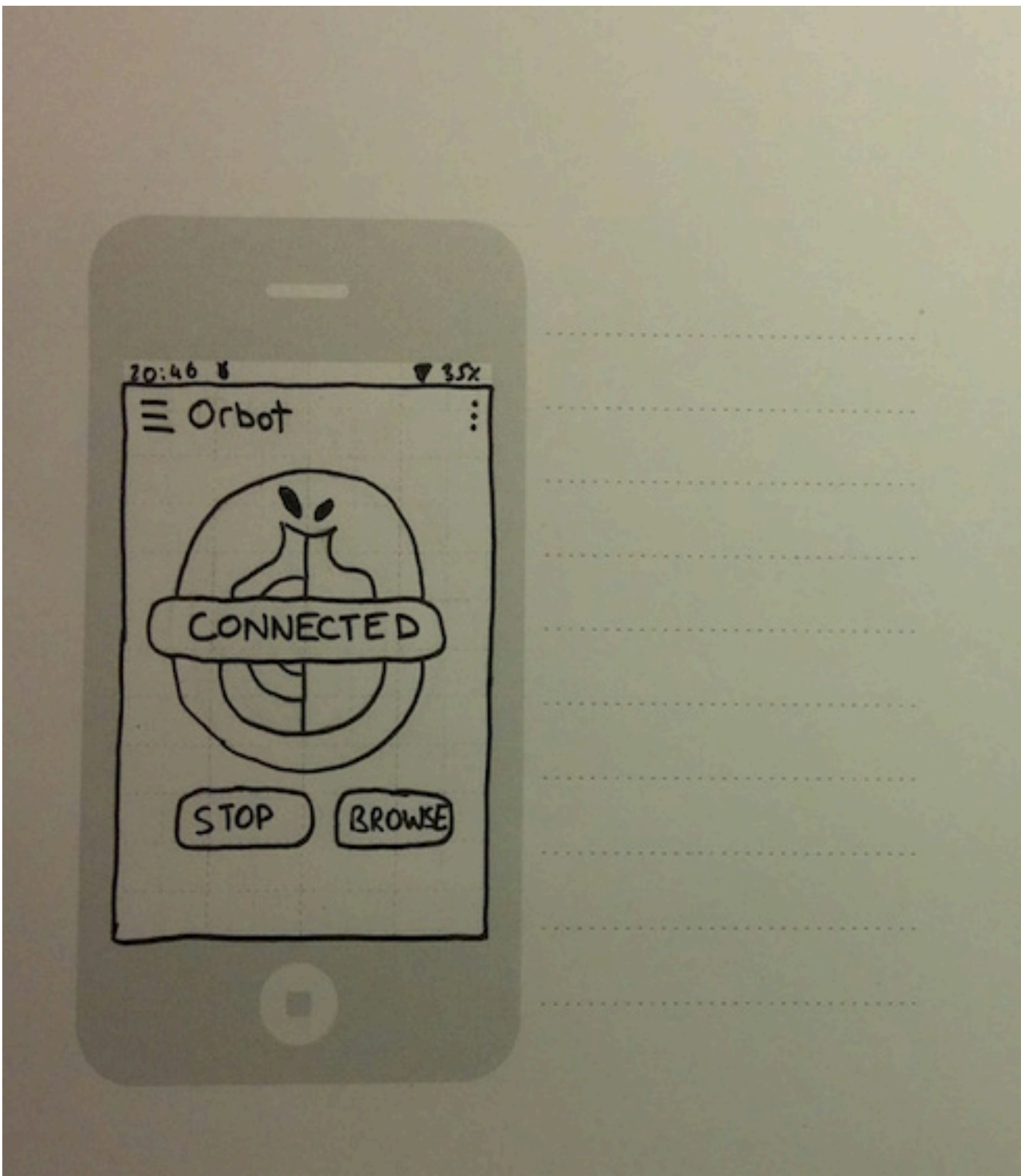


Explaining the design decisions

3 Orbot’s status is display as a text string above the onion logo. The reason it is displayed above the logo is, to the user the status of Orbot is, at a glance, the most important information needed - if it is disconnected, their task is to reconnect, so they can continue with their goal - communicating.

Stop and Browse buttons work as currently.

Show Orbot status in application main screen: Option 2

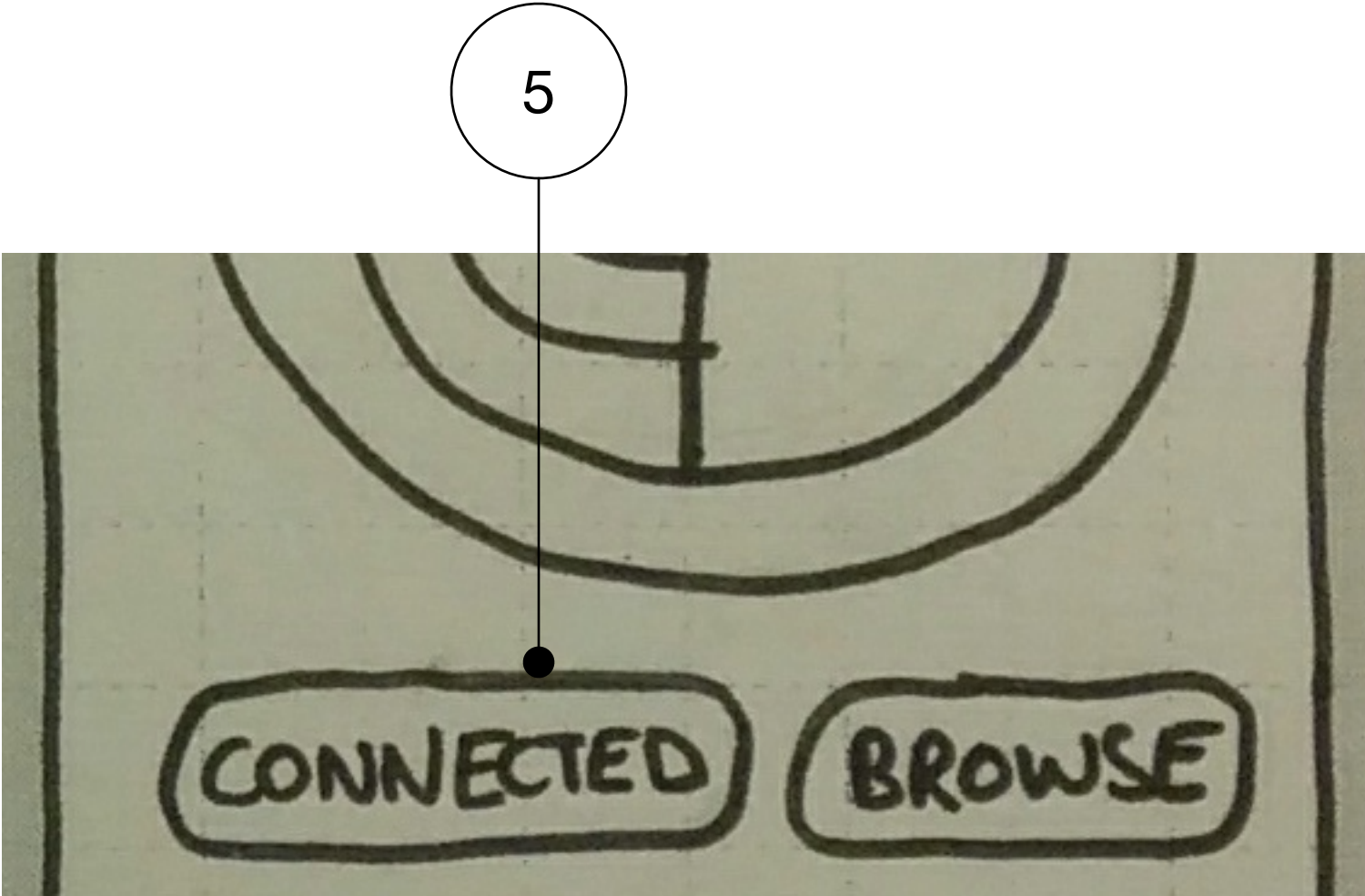
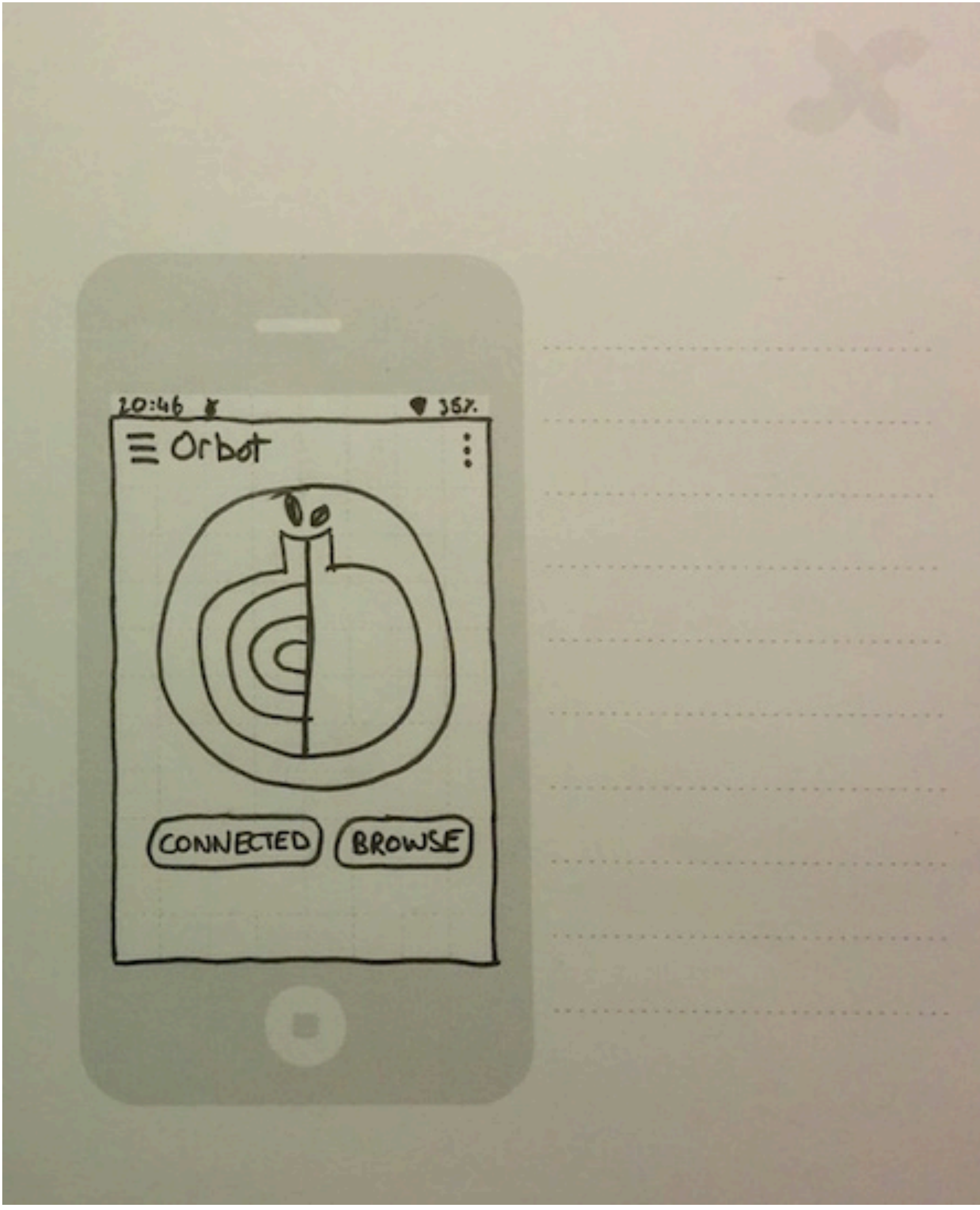


Explaining the design decisions

4. Orbot’s status is display as an overlay over the onion logo. While Orbot is connected, the Onion logo is as currently, green circle, with half gray/half green onion.

Stop and Browse buttons work as currently.

Show Orbot status in application main screen: Option 3



Explaining the design decisions

5. Orbot’s status is displayed in the input button, to connect/disconnect Orbot to/from the Tor network. This approach would serve two purposes - communicating Orbot’s current status, and allow the user to connect/disconnect Orbot.

Buttons

When Orbot is connected to the Tor network, the “Connected” button is active.
When Orbot is connected, the “Browse” button is active.
When Orbot is disconnected, the “Connected” button is inactive.
When Orbot is disconnected, the “Browse” button is disabled.

Show Orbot status in application main screen: Current design

